

Date: April 24, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas Arabi, Luis Canessa

Start time: 7:00 PM EST End time: 9:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Finished zip file for submission

What is planned to be done until the next scrum meeting? n/a

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? n/a

What is planned to be done until the next Scrum meeting? n/a

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? n/a

What is planned to be done until the next scrum meeting? n/a

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? n/a

What is planned to be done until the next scrum meeting? n/a

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? n/a

What is planned to be done until the next scrum meeting? n/a

What are the hurdles? N/A

Date: April 23, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas Arabi, Luis Canessa

Start time: 7:00 PM EST End time: 9:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Work on prepping final zip file

What is planned to be done until the next scrum meeting? Review documentation and prep final deliverable zip.

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Add finishing touches to the final deliverable.

What is planned to be done until the next scrum meeting? Compile final Zip file

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Present the project in senior design showcase

What is planned to be done until the next scrum meeting? Finalize details post presentation

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Presented at showcase

What is planned to be done until the next scrum meeting? Practice presentation

What are the hurdles? N/A

Date: April 22, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 7:00 PM EST End time: 9:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Review documentation and prep final deliverable

What is planned to be done until the next scrum meeting? Review documentation and prep final deliverable zip.

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Add finishing touches to the final deliverable.

What is planned to be done until the next scrum meeting? Publish website

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Present the project in senior design showcase

What is planned to be done until the next scrum meeting? Finalize details post presentation

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Presented at showcase

What is planned to be done until the next scrum meeting? Practice presentation

What are the hurdles? N/A

Date: April 21, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 7:00 PM EST End time: 9:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Review documentation and prep final deliverable

What is planned to be done until the next scrum meeting? Review documentation and prep final deliverable zip.

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Add finishing touches to the final deliverable.

What is planned to be done until the next scrum meeting? Publish website

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Present the project in senior design showcase

What is planned to be done until the next scrum meeting? Finalize details post presentation

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Presented at showcase

What is planned to be done until the next scrum meeting? Practice presentation

What are the hurdles? N/A

Date: April 20, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 7:00 PM EST End time: 9:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Took break – project is over

What is planned to be done until the next scrum meeting? Review documentation and prep final deliverable zip.

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Add finishing touches to the final deliverable.

What is planned to be done until the next scrum meeting? Publish website

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Setup VSCode Extension on local setup

What is planned to be done until the next scrum meeting? Present the project in senior design showcase

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Presented at showcase

What is planned to be done until the next scrum meeting? Practice presentation

What are the hurdles? N/A

Date: April 17, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 7:00 PM EST End time: 9:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Filmed video.

What is planned to be done until the next scrum meeting? Prepare for showcase.

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Completed videos.

What is planned to be done until the next scrum meeting? Finish website changes

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Setup VSCode Extension on local setup

What is planned to be done until the next scrum meeting? Present the project in senior design showcase

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Presented at showcase

What is planned to be done until the next scrum meeting? Practice presentation

What are the hurdles? N/A

Date: April 16, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Filmed video.

What is planned to be done until the next scrum meeting? Prepare for showcase.

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Completed videos.

What is planned to be done until the next scrum meeting? Finish website changes

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Setup VSCode Extension on local setup

What is planned to be done until the next scrum meeting? Present the project in senior design showcase

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Finalize poster information

What is planned to be done until the next scrum meeting? Practice presentation

What are the hurdles? N/A

Date: April 15, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Filmed video.

What is planned to be done until the next scrum meeting? Prepare for showcase.

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Completed poster visual.

What is planned to be done until the next scrum meeting? Record the video/demo

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Finalize poster information

What is planned to be done until the next scrum meeting? Practice presentation

What are the hurdles? N/A

Date: April 14, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Finalized project deliverable and poster

What is planned to be done until the next scrum meeting? Film live demo

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Completed poster visual.

What is planned to be done until the next scrum meeting? Record the video/demo

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Finalize poster information

What is planned to be done until the next scrum meeting? Practice presentation

What are the hurdles? N/A

Date: April 9, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Completed other Senior Design Project, reviewed previous hardware issues and researched current hardware, HP Victus Laptop

What is planned to be done until the next scrum meeting? Implement drivers ASAP, begin testbench

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Drafting documentation

What is planned to be done until the next scrum meeting? Draft poster information

What are the hurdles? N/A

Date: April 8, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Completed other Senior Design Project, reviewed previous hardware issues and researched current hardware, HP Victus Laptop

What is planned to be done until the next scrum meeting? Implement drivers ASAP, begin testbench

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Drafted documentation

What is planned to be done until the next scrum meeting? Rewrite documentation for ease and readability

What are the hurdles? N/A

Date: April 7, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Completed other Senior Design Project, reviewed previous hardware issues and researched current hardware, HP Victus Laptop

What is planned to be done until the next scrum meeting? Implement drivers ASAP, begin testbench

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Drafted documentation

What is planned to be done until the next scrum meeting? Rewrite documentation for ease and readability

What are the hurdles? N/A

Date: April 6, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discovered data egress is not possible due to a firmware bug on this specific hardware, improved output display in order. OS is done.

What is planned to be done until the next scrum meeting? Final stages and documents for class

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Drafted documentation

What is planned to be done until the next scrum meeting? Rewrite documentation for ease and readability

What are the hurdles? N/A

Date: April 3, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discovered data egress is not possible due to a firmware bug on this specific hardware, improved output display in order. OS is done.

What is planned to be done until the next scrum meeting? Final stages and documents for class

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Drafted documentation

What is planned to be done until the next scrum meeting? Rewrite documentation for ease and readability

What are the hurdles? N/A

Date: April 1, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discovered data egress is not possible due to a firmware bug on this specific hardware, improved output display in order. OS is done.

What is planned to be done until the next scrum meeting? Final stages and documents for class

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow

What is planned to be done until the next scrum meeting? Make documentation about possible bugs

What are the hurdles? N/A

Date: March 31, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discovered data egress is not possible due to a firmware bug on this specific hardware, improved output display in order. OS is done.

What is planned to be done until the next scrum meeting? Final stages and documents for class

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow

What is planned to be done until the next scrum meeting? Make documentation about possible bugs

What are the hurdles? N/A

Date: March 30, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discovered data egress is not possible due to a firmware bug on this specific hardware, improved output display in order. OS is done.

What is planned to be done until the next scrum meeting? Final stages and documents for class

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on documenting workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched data egress issues

What is planned to be done until the next scrum meeting? Make documentation about possible bugs

What are the hurdles? N/A

Date: March 27, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Worked on resolving issue with data egress

What is planned to be done until the next scrum meeting? Fix data egress, and finish software product

What are the hurdles? Debugging the OS crash

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on charting kernel workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched data egress issues

What is planned to be done until the next scrum meeting? Make documentation about possible bugs

What are the hurdles? N/A

Date: March 26, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Worked on resolving issue with data egress

What is planned to be done until the next scrum meeting? Fix data egress, and finish software product

What are the hurdles? Debugging the OS crash

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on charting kernel workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched data egress issues

What is planned to be done until the next scrum meeting? Make documentation about possible bugs

What are the hurdles? N/A

Date: March 25, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Worked on resolving issue with data egress

What is planned to be done until the next scrum meeting? Fix data egress, and finish software product

What are the hurdles? Debugging the OS crash

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on charting kernel workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched data egress issues

What is planned to be done until the next scrum meeting? Make documentation about possible bugs

What are the hurdles? N/A

Date: March 24, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Worked on resolving issue with data egress

What is planned to be done until the next scrum meeting? Fix data egress, and finish software product

What are the hurdles? Debugging the OS crash

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Working on charting kernel workflow.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched data egress issues

What is planned to be done until the next scrum meeting? Make documentation about possible bugs

What are the hurdles? N/A

Date: March 23, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Worked on resolving issue with data egress

What is planned to be done until the next scrum meeting? Fix data egress, and finish software product

What are the hurdles? Debugging the OS crash

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Continued documentation.

What is planned to be done until the next scrum meeting? Create Draw.io diagrams to help visualize workflow and understand the working components of the kernel and streamline documentation.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched data egress issues

What is planned to be done until the next scrum meeting? Make documentation about possible bugs

What are the hurdles? N/A

Date: March 20, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Successfully executed data loading and workload execution

What is planned to be done until the next scrum meeting? Implement Ethernet TX and provide return functionality in API

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Continued documentation.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Tested new driver

What is planned to be done until the next scrum meeting? Align with team working on compiler environment and data streaming

What are the hurdles? N/A

Date: March 19, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Successfully executed data loading and workload execution

What is planned to be done until the next scrum meeting? Implement Ethernet TX and provide return functionality in API

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Continued documentation.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Tested new driver

What is planned to be done until the next scrum meeting? Align with team working on compiler environment and data streaming

What are the hurdles? N/A

Date: March 18, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Successfully executed data loading and workload execution

What is planned to be done until the next scrum meeting? Implement Ethernet TX and provide return functionality in API

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Continued documentation.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Tested new driver

What is planned to be done until the next scrum meeting? Align with team working on compiler environment and data streaming

What are the hurdles? N/A

Date: March 17, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Finally finished Toughbook CF33 ethernet driver and communicated across devices

What is planned to be done until the next scrum meeting? Align with team working on compiler environment and data streaming

What are the hurdles? Ethernet drivers are really hard and specific. At least it's over.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Continued documentation.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Tested new driver

What is planned to be done until the next scrum meeting? Align with team working on compiler environment and data streaming

What are the hurdles? N/A

Date: March 16, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Finally finished Toughbook CF33 ethernet driver and communicated across devices

What is planned to be done until the next scrum meeting? Align with team working on compiler environment and data streaming

What are the hurdles? Ethernet drivers are really hard and specific. At least it's over.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Looked at design doc for client to host file transfer system.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Prep for documentation setup for this weekend.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Tested new driver

What is planned to be done until the next scrum meeting? Align with team working on compiler environment and data streaming

What are the hurdles? N/A

Date: March 13, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST    End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented Realtek rtl8139 Ethernet drivers, acquired one laptop for showcase day to write drivers for.

What is planned to be done until the next scrum meeting? Have OS run workload when fully loaded into memory

What are the hurdles? Ethernet drivers need to target the exact NIC the OS host is running on. Not an issue for QEMU, but we need to know exactly what hardware we will be using way ahead of time.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Prep for documentation setup for this weekend.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Upgraded website and researched C implementations of gradient decent

What is planned to be done until the next scrum meeting? Write math function library in C

What are the hurdles? N/A

Date: March 12, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented Realtek rtl8139 Ethernet drivers, acquired one laptop for showcase day to write drivers for.

What is planned to be done until the next scrum meeting? Have OS run workload when fully loaded into memory

What are the hurdles? Ethernet drivers need to target the exact NIC the OS host is running on. Not an issue for QEMU, but we need to know exactly what hardware we will be using way ahead of time.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Prep for documentation setup for this weekend.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Upgraded website and researched C implementations of gradient decent

What is planned to be done until the next scrum meeting? Write math function library in C

What are the hurdles? N/A

Date: March 11, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST   End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented Realtek rtl8139 Ethernet drivers, acquired one laptop for showcase day to write drivers for.

What is planned to be done until the next scrum meeting? Have OS run workload when fully loaded into memory

What are the hurdles? Ethernet drivers need to target the exact NIC the OS host is running on. Not an issue for QEMU, but we need to know exactly what hardware we will be using way ahead of time.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Prep for documentation setup for this weekend.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Upgraded website and researched C implementations of gradient decent

What is planned to be done until the next scrum meeting? Write math function library in C

What are the hurdles? N/A

Date: March 10, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 5:15 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented Realtek rtl8139 Ethernet drivers, acquired one laptop for showcase day to write drivers for.

What is planned to be done until the next scrum meeting? Have OS run workload when fully loaded into memory

What are the hurdles? Ethernet drivers need to target the exact NIC the OS host is running on. Not an issue for QEMU, but we need to know exactly what hardware we will be using way ahead of time.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Continued working on word doc.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Upgraded website and researched C implementations of gradient decent

What is planned to be done until the next scrum meeting? Write math function library in C

What are the hurdles? N/A

Date: March 9, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 6:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented Realtek rtl8139 Ethernet drivers, acquired one laptop for showcase day to write drivers for.

What is planned to be done until the next scrum meeting? Have OS run workload when fully loaded into memory

What are the hurdles? Ethernet drivers need to target the exact NIC the OS host is running on. Not an issue for QEMU, but we need to know exactly what hardware we will be using way ahead of time.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Continued working on word doc.

What is planned to be done until the next scrum meeting? Become acquainted with the new driver.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Brainstormed website upgrades

What is planned to be done until the next scrum meeting? Update website

What are the hurdles? N/A

Date: March 6, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 6:00 PM EST

Lucas Arabi How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented framebuffer and created a new printing library – OS now prints to screen rather than COM1. Deprecated old serial drivers

What is planned to be done until the next scrum meeting? Begin work on Ethernet driver

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Continued working on word doc.

What is planned to be done until the next scrum meeting? Run the new github changes locally.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Brainstormed website upgrades

What is planned to be done until the next scrum meeting? Update website

What are the hurdles? N/A

Date: March 5, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 6:00 PM EST

Lucas Arabi How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented framebuffer and created a new printing library – OS now prints to screen rather than COM1. Deprecated old serial drivers

What is planned to be done until the next scrum meeting? Begin work on Ethernet driver

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Began working on word doc.

What is planned to be done until the next scrum meeting? Finish new quickstart additions.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Brainstormed website upgrades

What is planned to be done until the next scrum meeting? Update website

What are the hurdles? N/A

Date: March 4, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 6:00 PM EST

Lucas Arabi How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented framebuffer and created a new printing library – OS now prints to screen rather than COM1. Deprecated old serial drivers

What is planned to be done until the next scrum meeting? Begin work on Ethernet driver

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Reviewed the current codebase of the project to familiarize with the new additions.

What is planned to be done until the next scrum meeting? Add onto the quickstart page once input is added.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? drafted design doc for ethernet support

What is planned to be done until the next scrum meeting? Update website

What are the hurdles? N/A



Date: March 3, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 6:00 PM EST

Lucas Arabi How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented serial data loader API, including handshake, byte count, memory mapping, and flat binary reception, drafted design doc for ethernet support

What is planned to be done until the next scrum meeting? Deprecate old serial drivers and implement ethernet support. Utilize Limine framebuffer to create basic TTY (trivial task)

What are the hurdles? Realized basic I/O using CPU serial ports would be impossible, requiring large deprecation. We had to scope out the implementation of an alternative – ethernet.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Reviewed the current codebase of the project to familiarize with the new additions.

What is planned to be done until the next scrum meeting? Add onto the quickstart page once input is added.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? drafted design doc for ethernet support

What is planned to be done until the next scrum meeting? Update website

What are the hurdles? N/A

Date: March 2, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST    End time: 6:00 PM EST

Lucas Arabi How many hours did I work since the last meeting? 10 (Spring Break)

What was done since the last scrum meeting? Implemented IDT, ISR's, and GDT, enabled AVX/SSE on CPU, created first SIMD workload, enabled huge pages

What is planned to be done until the next scrum meeting? Begin work on dynamic loader on kernel side, coordinate with Host side while doing so

What are the hurdles? Aligning across group members on the UART protocol implementation for communication across devices

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 8

What was done since the last scrum meeting? Made a quickstart page with a working webhook hyperlink

What is planned to be done until the next scrum meeting? Add onto the quickstart page once input is added.

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Reviewed website design and drafted documentation

What is planned to be done until the next scrum meeting? Update website

What are the hurdles? N/A

Date: February 20, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched IDT, ISR, and GDT initialization and assembly stubs

What is planned to be done until the next scrum meeting? Implement what was researched

What are the hurdles? Midterm exams slowing down progress

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Started work on the website

What is planned to be done until the next scrum meeting? Have a presentable product by the end of spring break

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Designed dynamic allocation tests

What is planned to be done until the next scrum meeting? Test dynamic allocation

What are the hurdles? N/A

Date: February 19, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST   End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched IDT, ISR, and GDT initialization and assembly stubs

What is planned to be done until the next scrum meeting? Implement what was researched

What are the hurdles? Midterm exams slowing down progress

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discussed groundwork for website development

What is planned to be done until the next scrum meeting? Begin researching information formatting/design for the website

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Designed dynamic allocation tests

What is planned to be done until the next scrum meeting? Test dynamic allocation

What are the hurdles? N/A

Date: February 18, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched IDT, ISR, and GDT initialization and assembly stubs

What is planned to be done until the next scrum meeting? Implement what was researched

What are the hurdles? Midterm exams slowing down progress

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discussed groundwork for website development

What is planned to be done until the next scrum meeting? Begin researching information formatting/design for the website

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Designed dynamic allocation tests

What is planned to be done until the next scrum meeting? Test dynamic allocation

What are the hurdles? N/A

Date: February 17, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Date: February 17, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Begun work on IDT and ISRs

What is planned to be done until the next scrum meeting? Fully implement IDT and ISRs

What are the hurdles? A really long x86\_64 assembly script needs to be added into the boot.S code to initialize the GDT. We need to figure out what it needs to do before implementing it.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discussed groundwork for website development

What is planned to be done until the next scrum meeting? Begin researching information formatting/design for the website

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Designed dynamic allocation tests

What is planned to be done until the next scrum meeting? Test dynamic allocation

What are the hurdles? N/A

Date: February 16, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Begun work on IDT and ISRs

What is planned to be done until the next scrum meeting? Fully implement IDT and ISRs

What are the hurdles? A really long x86\_64 assembly script needs to be added into the boot.S code to initialize the GDT. We need to figure out what it needs to do before implementing it.

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Caught up to current github on local machine

What is planned to be done until the next Scrum meeting? Look over website idea and map out specifics.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Discussed groundwork for website development

What is planned to be done until the next scrum meeting? Begin researching information formatting/design for the website

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Sync to latest github code and finalize local setup

What is planned to be done until the next scrum meeting? Respond to PR comment and work on finalizing requested changes

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Designed dynamic allocation tests

What is planned to be done until the next scrum meeting? Test dynamic allocation

What are the hurdles? N/A

Date: February 13, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented entire VMM initialization, activation, and dynamic allocation

What is planned to be done until the next scrum meeting? Begin work on IDT and exception handling

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Began scheduling groundwork for the website to be done this weekend

What is planned to be done until the next scrum meeting? Figure out what kind of site/layout it is going to be

What are the hurdles? n/a

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Designed dynamic allocation tests

What is planned to be done until the next scrum meeting? Test dynamic allocation

What are the hurdles? N/A

Date: February 12, 2025

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas Arabi, Luis Canessa

Start Time: 3:00 PM EST

End Time: 5:00 PM EST

Lucas Arabi

Hours Worked Since Last Meeting: 3

Completed Since Last Scrum: Implemented full VMM (Virtual Memory Manager) initialization, activation, and dynamic allocation.

Planned Before Next Scrum: Begin work on the IDT and exception handling.

Hurdles: N/A

Julian Manrique

Hours Worked Since Last Meeting: 3

Completed Since Last Scrum: Set up the cross-compiler.

Planned Before Next Scrum: Catch up to the current GitHub codebase and test using the cross-compiler.

Hurdles: N/A

Eduardo Rodriguez

Hours Worked Since Last Meeting: 3

Completed Since Last Scrum: Began scheduling groundwork for the website, planned for completion over the weekend.

Planned Before Next Scrum: Determine the type of website and overall layout.

Hurdles: N/A

Ian Borges

Hours Worked Since Last Meeting: 2

Completed Since Last Scrum: Reviewed compiler documentation and notes outlining required steps.

Planned Before Next Scrum: Sync with the latest GitHub codebase and finalize local setup.

Hurdles: N/A

Luis Canessa

Hours Worked Since Last Meeting: 3

Completed Since Last Scrum: Designed dynamic allocation tests.

Planned Before Next Scrum: Test dynamic allocation implementation.

Hurdles: N/A

Date: February 11, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 4:00 PM EST End time: 6:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented entire VMM initialization, activation, and dynamic allocation

What is planned to be done until the next scrum meeting? Begin work on IDT and exception handling

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed the plan for the website

What is planned to be done until the next scrum meeting? Began prep and outlined the website schedule

What are the hurdles? Flu

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched page management documentation

What is planned to be done until the next scrum meeting? Research virtual memory

What are the hurdles? N/A

Date: February 10, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 4:00 PM EST   End time: 6:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Modeled 4-level paging

What is planned to be done until the next scrum meeting? Begin implementation of 4-level paging system

What are the hurdles? Maintaining proper mapping of physical memory to virtual memory, ensuring integrity of memory ranges

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed the plan for the website

What is planned to be done until the next scrum meeting? Began prep and outlined the website schedule

What are the hurdles? Flu

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched page management documentation

What is planned to be done until the next scrum meeting? Research virtual memory

What are the hurdles? N/A

Date: February 9, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 4:00 PM EST    End time: 6:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Modeled 4-level paging

What is planned to be done until the next scrum meeting? Begin implementation of 4-level paging system

What are the hurdles? Maintaining proper mapping of physical memory to virtual memory, ensuring integrity of memory ranges

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed the plan for the website

What is planned to be done until the next scrum meeting? Began prep and outlined the website schedule

What are the hurdles? Flu

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Researched page management documentation

What is planned to be done until the next scrum meeting? Research virtual memory

What are the hurdles? N/A

Date: February 6, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 4:00 PM EST End time: 6:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Fixed allocation bug, implemented alloc() and free() functions, completing physical memory management

What is planned to be done until the next scrum meeting? Begin implementing page tables

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed documentation on how to manage memory of the bootloader

What is planned to be done until the next scrum meeting? Learn more about how to build the memory allocator

What are the hurdles? sick

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Designed and implemented alloc() and free() function testing

What is planned to be done until the next scrum meeting? Research page table construction

What are the hurdles? N/A

Date: February 5, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 4:00 PM EST End time: 6:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Fixed allocation bug, implemented alloc() and free() functions, completing physical memory management

What is planned to be done until the next scrum meeting? Begin implementing page tables

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed documentation on how to manage memory of the bootloader

What is planned to be done until the next scrum meeting? Learn more about how to build the memory allocator

What are the hurdles? sick

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Designed and implemented alloc() and free() function testing

What is planned to be done until the next scrum meeting? Research page table construction

What are the hurdles? N/A

Date: February 4, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 4:00 PM EST End time: 6:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Added important metrics for the PMM to keep track of within the bitmap struct: total frames, free frames, claimed frames

What is planned to be done until the next scrum meeting? Fix the issues following the implementation of these metrics

What are the hurdles? The bugs are purely logical – the package compiles and runs, but not correctly

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed documentation on how to manage memory of the bootloader

What is planned to be done until the next scrum meeting? Learn more about how to build the memory allocator

What are the hurdles? sick

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Research metrics to assist Lucas

What is planned to be done until the next scrum meeting? Implement metrics

What are the hurdles? The Flu

Date: February 3, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:00 PM EST End time: 4:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Added important metrics for the PMM to keep track of within the bitmap struct: total frames, free frames, claimed frames

What is planned to be done until the next scrum meeting? Fix the issues following the implementation of these metrics

What are the hurdles? The bugs are purely logical – the package compiles and runs, but not correctly

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed documentation on how to manage memory of the bootloader

What is planned to be done until the next scrum meeting? Learn more about how to build the memory allocator

What are the hurdles? N/A

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Research metrics to assist Lucas

What is planned to be done until the next scrum meeting? Implement metrics

What are the hurdles? The Flu

Date: February 2, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST   End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Added important metrics for the PMM to keep track of within the bitmap struct: total frames, free frames, claimed frames

What is planned to be done until the next scrum meeting? Fix the issues following the implementation of these metrics

What are the hurdles? The bugs are purely logical – the package compiles and runs, but not correctly

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Began prepping for the next main addition

What is planned to be done until the next scrum meeting? Look into ways to implement malloc

What are the hurdles? N/A

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Research memory surveying

What is planned to be done until the next scrum meeting? Continue work on memory mapping and page table implementation

What are the hurdles? None

Date: January 30, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Implemented logic to populate bitmap for physical memory manager, and transitioned project from unity build to standard build (header files)

What is planned to be done until the next scrum meeting? Implement PMM utilities like malloc()

What are the hurdles? Switching from unity to standard build was tedious and a lot of stuff had to be fixed

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Began prepping for the next main addition

What is planned to be done until the next scrum meeting? Look into ways to implement malloc

What are the hurdles? N/A

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Research memory surveying

What is planned to be done until the next scrum meeting? Continue work on memory mapping and page table implementation

What are the hurdles? None

Date: January 29, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Found bounds for and initialized bitmap for physical memory manager.

What is planned to be done until the next scrum meeting? Continue work on memory mapping and page table implementation

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Began prepping for the next main addition

What is planned to be done until the next scrum meeting? Look into ways to implement malloc

What are the hurdles? N/A

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Research memory surveying

What is planned to be done until the next scrum meeting? Continue work on memory mapping and page table implementation

What are the hurdles? None

Date: January 28, 2025

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas Arabi, Luis Canessa

Start Time: 3:00 PM EST

End Time: 5:00 PM EST

Lucas Arabi

Hours Worked Since Last Meeting: 3

Completed Since Last Scrum: Began work on memory surveying, determining which areas in RAM are usable and which are reserved.

Planned Before Next Scrum: Continue work on memory mapping and page table implementation.

Hurdles: N/A

Julian Manrique

Hours Worked Since Last Meeting: 3

Completed Since Last Scrum: Set up the cross-compiler.

Planned Before Next Scrum: Catch up to the current GitHub codebase and test using the cross-compiler.

Hurdles: N/A

Eduardo Rodriguez

Hours Worked Since Last Meeting: 2

Completed Since Last Scrum: Reviewed the newly uploaded code on GitHub.

Planned Before Next Scrum: Prepare for the next steps of the project.

Hurdles: N/A

Ian Borges

Hours Worked Since Last Meeting: 2

Completed Since Last Scrum: Reviewed compiler documentation and notes outlining required steps.

Planned Before Next Scrum: Sync with the latest GitHub codebase and finalize local setup.

Hurdles: N/A

Luis Canessa

Hours Worked Since Last Meeting: 2

Completed Since Last Scrum: Reviewed the newly uploaded code on GitHub.

Planned Before Next Scrum: Sync with the latest GitHub codebase and finalize local setup.

Hurdles: None

Date: January 27, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST   End time: 5:00 PM EST

Lucas Arabi

How many hours did I work since the last meeting? 3

What was done since the last scrum meeting? Successfully booted kernel on QEMU and finalized serial UART drivers for IO

What is planned to be done until the next scrum meeting? Begin work on physical memory allocator

What are the hurdles? n/a

Julian Manrique

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Set up cross compiler

What is planned to be done until the next Scrum meeting? Will catch up to the current GitHub code and test with the cross-compiler.

What are the hurdles? N/A

Eduardo Rodriguez

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed the new code uploaded to the github

What is planned to be done until the next scrum meeting? Prepare for the next steps of the project

What are the hurdles? N/A

Ian Borges

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Review the compiler documentation/steps from notes

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? N/A

Luis Canessa

How many hours did I work since the last meeting? 2

What was done since the last scrum meeting? Reviewed the new code uploaded to the github

What is planned to be done until the next scrum meeting? Sync to latest github code and finalize local setup

What are the hurdles? None

Date: January 26, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Compiled kernel and linked it with Limine bootloader. We have now produced the ISOs to be run on QEMU
- What is planned to be done until the next scrum meeting? Finish phase 1 tomorrow, maybe over the weekend
- What are the hurdles? The bootloader is not detecting the OS. Find out why

Julian Manrique

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Looked at how scheduling is handled in a unikernel system.
- What is planned to be done until the next scrum meeting? Set up cross compiler for future use.
- What are the hurdles? N/A

Eduardo Rodriguez

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Compiled qemu emulator using the cross compiler
- What is planned to be done until the next scrum meeting? Determine the difference between limine revisions specifically
- What are the hurdles? N/A

Ian Borges

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Review necessary steps for phase 1 of the project bootloader + high-level compiler.
- What is planned to be done until the next scrum meeting? Continue to review the compiler steps.
- What are the hurdles? N/A

Luis Canessa

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Tested cross-compiler with a few scripts
- What is planned to be done until the next scrum meeting? Research and configure QEMU
- What are the hurdles? None

Date: January 23, 2025

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas Arabi, Luis Canessa

Start Time: 3:00 PM EST

End Time: 5:00 PM EST

Lucas Arabi

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Compiled the kernel and linked it with the Limine bootloader. Successfully produced ISOs to be run on QEMU.
- Planned Before Next Scrum: Finish Phase 1 tomorrow, potentially completing remaining tasks over the weekend.
- Hurdles: The bootloader is not detecting the OS; investigating the cause.

Julian Manrique

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Researched how scheduling is handled in a unikernel system.
- Planned Before Next Scrum: Set up the cross-compiler for future use.
- Hurdles: N/A

Eduardo Rodriguez

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Compiled the QEMU emulator using the cross-compiler.
- Planned Before Next Scrum: Determine the differences between specific Limine revisions.
- Hurdles: N/A

Ian Borges

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Reviewed necessary steps for Phase 1 of the project (bootloader and high-level compiler).
- Planned Before Next Scrum: Continue reviewing the compiler steps.
- Hurdles: N/A

Luis Canessa

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Tested the cross-compiler with several scripts.
- Planned Before Next Scrum: Research and configure QEMU.
- Hurdles: None

Date: January 22, 2025

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas Arabi, Luis Canessa

Start Time: 3:00 PM EST

End Time: 5:00 PM EST

Lucas Arabi

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Compiled the kernel and linked it with the Limine bootloader. Successfully produced ISOs to be run on QEMU.
- Planned Before Next Scrum: Finish Phase 1 tomorrow, potentially completing remaining tasks over the weekend.
- Hurdles: The bootloader is not detecting the OS; investigating the cause.

Julian Manrique

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Researched how scheduling is handled in a unikernel system.
- Planned Before Next Scrum: Set up the cross-compiler for future use.
- Hurdles: N/A

Eduardo Rodriguez

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Compiled the QEMU emulator using the cross-compiler.
- Planned Before Next Scrum: Determine the differences between specific Limine revisions.
- Hurdles: N/A

Ian Borges

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Reviewed necessary steps for Phase 1 of the project (bootloader and high-level compiler).
- Planned Before Next Scrum: Continue reviewing the compiler steps.
- Hurdles: N/A

Luis Canessa

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Tested the cross-compiler with several scripts.
- Planned Before Next Scrum: Research and configure QEMU.
- Hurdles: None

Date: January 21, 2025

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas Arabi, Luis Canessa

Start Time: 3:00 PM EST

End Time: 5:00 PM EST

Lucas Arabi

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Wrote the x86\_64 assembly start script.
- Planned Before Next Scrum: Verify the integrity of the assembly script, iterate on it, and continue writing the starter OS package to run on QEMU.
- Hurdles: Learning x86\_64 assembly based on prior MIPS experience.

Julian Manrique

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Researched how scheduling is handled in a unikernel system.
- Planned Before Next Scrum: Set up the cross-compiler for future use.
- Hurdles: N/A

Eduardo Rodriguez

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Began progress on the cross-compiler.
- Planned Before Next Scrum: Become more familiar with the cross-compiler.
- Hurdles: N/A

Ian Borges

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Reviewed necessary steps for Phase 1 of the project (bootloader + high-level compiler).
- Planned Before Next Scrum: Continue reviewing the compiler steps.
- Hurdles: N/A

Luis Canessa

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Tested the cross-compiler with several scripts.
- Planned Before Next Scrum: Research and configure QEMU.
- Hurdles: None.

Date: January 20, 2025

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas Arabi, Luis Canessa

Start Time: 3:00 PM EST

End Time: 5:00 PM EST

Lucas Arabi

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Wrote the x86\_64 assembly start script.
- Planned Before Next Scrum: Verify the integrity of the assembly script, iterate on it, and continue writing the starter OS package to run on QEMU.
- Hurdles: Learning x86\_64 assembly based on prior MIPS experience.

Julian Manrique

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Researched how scheduling is handled in a unikernel system.
- Planned Before Next Scrum: Set up the cross-compiler for future use.
- Hurdles: N/A

Eduardo Rodriguez

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Began progress on the cross-compiler.
- Planned Before Next Scrum: Become more familiar with the cross-compiler.
- Hurdles: N/A

Ian Borges

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Reviewed necessary steps for Phase 1 of the project (bootloader + high-level compiler).
- Planned Before Next Scrum: Continue reviewing the compiler steps.
- Hurdles: N/A

Luis Canessa

- Hours Worked Since Last Meeting: 2
- Completed Since Last Scrum: Configured PC for cross-compilation.
- Planned Before Next Scrum: Test the cross-compilation setup.
- Hurdles: None

Date: January 16, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Set up cross compiler, gcc, and other build tools, binutils, for target system x86\_64-elf
- What is planned to be done until the next scrum meeting? Continue to write starter OS package to run on QEMU
- What are the hurdles? Adjusting the steps in existing documentation to tailor tools to our project, making sure each of us properly do this on our host systems

Julian Manrique

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Looked at general scheduling in operating systems.
- What is planned to be done until the next scrum meeting? I will look into how scheduling is handled in a unikernel system.
- What are the hurdles? N/A

Eduardo Rodriguez

- How many hours did I work since the last meeting? 3
- What was done since the last scrum meeting? Successfully loaded limine into a qemu emulation.
- What is planned to be done until the next scrum meeting? Become familiar with cross compiling
- What are the hurdles? N/A

Ian Borges

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Review necessary steps for phase 1 of the project bootloader + high-level compiler.
- What is planned to be done until the next scrum meeting? Continue to review the compiler steps.
- What are the hurdles? N/A

Luis Canessa

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Researched cross-compiling
- What is planned to be done until the next scrum meeting? Install cross-compiler and test
- What are the hurdles? None

Date: January 15, 2025

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 3:00 PM EST End time: 5:00 PM EST

Lucas Arabi

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Set up cross compiler, gcc, and other build tools, binutils, for target system x86\_64-elf
- What is planned to be done until the next scrum meeting? Use cross compiler to create a process for Limine to boot in QEMU
- What are the hurdles? Adjusting the steps in existing documentation to tailor tools to our project, making sure each of us properly do this on our host systems

Julian Manrique

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Looked into the general os structure.
- What is planned to be done until the next scrum meeting? I will look into scheduling and exceptions.
- What are the hurdles? N/A

Eduardo Rodriguez

- How many hours did I work since the last meeting? 3
- What was done since the last scrum meeting? Successfully loaded limine into a qemu emulation.
- What is planned to be done until the next scrum meeting? Become familiar with cross compiling
- What are the hurdles? N/A

Ian Borges

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Researched the initial design for the Unikernel OS.
- What is planned to be done until the next scrum meeting? Review necessary steps for phase 1 of the project bootloader + high-level compiler.
- What are the hurdles? N/A

Luis Canessa

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Researched cross-compiling
- What is planned to be done until the next scrum meeting? Install cross-compiler and test
- What are the hurdles? None

Date: January 14, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 6:00 PM EST End time: 7:00 PM EST

Lucas Arabi

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Set up code repo and Discord server
- What is planned to be done until the next scrum meeting? Go over documentation and familiarize ourselves with the tools that we will be using.
- What are the hurdles? n/a

Julian Manrique

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Looked into the general os structure.
- What is planned to be done until the next scrum meeting? I will look into scheduling and exceptions.
- What are the hurdles? N/A

Eduardo Rodriguez

- How many hours did I work since the last meeting? 3
- What was done since the last scrum meeting? Got started on making the limine boot protocol print a simple test output "hello world" into qemu.
- What is planned to be done until the next scrum meeting? Finish the implementation as a test to get familiar with how the bootloader works
- What are the hurdles? N/A

Ian Borges

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Researched the initial design for the Unikernel OS.
- What is planned to be done until the next scrum meeting? Review necessary steps for phase 1 of the project bootloader + high-level compiler.
- What are the hurdles? N/A

Luis Canessa

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Reviewed Assembly calls
- What is planned to be done until the next scrum meeting? Research materials for bootloader
- What are the hurdles? None

Date: January 13, 2026

Attendees: Ian Borges, Julian Manrique, Eddy Rodriguez, Lucas, Luis Canessa

Start time: 2:30 PM EST End time: 3:15 PM EST

Lucas Arabi

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? We developed a project plan that goes in depth on what this project will entail and outlined team goals, roles, and timeline for the project.
- What is planned to be done until the next scrum meeting? We plan to go over documentation and familiarize ourselves with the tools that we will be using.
- What are the hurdles?

Julian Manrique

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Reviewed the design of Unikernel OS.
- What is planned to be done until the next scrum meeting? I will look more into the OS structure and how they work.
- What are the hurdles? N/A

Eduardo Rodriguez

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? We held a preliminary meeting to discuss the outline and timeline for our project. We also highlighted some initial steps to be taken in the first week.
- What is planned to be done until the next scrum meeting? Review documentation to familiarize ourselves with the tools we will be using
- What are the hurdles? N/A

Ian Borges

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Reviewed the initial design for the Unikernel OS.
- What is planned to be done until the next scrum meeting? Review the setup of possible bootloader implementation.
- What are the hurdles? N/A

Luis Canessa

- How many hours did I work since the last meeting? 2
- What was done since the last scrum meeting? Reviewed the initial design for the Unikernel OS.
- What is planned to be done until the next scrum meeting? Research materials for bootloader
- What are the hurdles? N/A