

Daily Scrum Meeting Minutes:

Date: 04/17/2026

Attendees: 4

Start time: 10:20 PM

End time: 11:15 PM

Alyaa Mossa

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - I was able to research how to prototype the 2021 race-free eGFR formula. I plan on having it implemented fully and in the GitHub by tomorrow.
- What is planned to be done until the next scrum meeting?
 - I will work on implementing the SHAP race-free eGFR formula since this focuses on understanding why a patient is at risk and what must be done in order to address this issue before it becomes too late.
- What are the hurdles?
 - A hurdle may be understanding how to transform the race-free eGFR formula so that it can predict progression of a patient's diagnosis and why a patient is at high risk.

Stefany Castro

- How many hours did I work since the last meeting?
 - 3 hour
- What was done since the last scrum meeting?
 - Since the last scrum, I have been able to complete the majority of my role and simply missing the SHAP model from one of my teammates. I am working on other parts of my role while I am still waiting for the SHAP model.
- What is planned to be done until the next scrum meeting?
 - By the next scrum meeting, I should have the majority done of my part of the project and start on the poster. We will begin to wrap up our project once everyone has fulfilled their part of the project. But each day we are closer to our completion.

What are the hurdles?

- At the moment there are no hurdles on my behalf.

Chelsea Ross

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

- 3 hour
- What was done since the last scrum meeting?
 - Since the last meeting, I worked approximately 3–4 hours. During this time, I set up the development environment by cloning the project repository and configuring it in VS Code. I installed the necessary dependencies such as pytest and pandas and resolved issues related to the Python path and environment setup. I created and executed multiple unit tests for the NHANES merge functionality, including tests to verify that datasets load correctly, are not empty, contain the required SEQN column, and do not contain duplicate identifiers after merging. I also developed tests for the full multi-file merge process, added error handling tests for missing files, and implemented output validation tests to ensure the final CSV file is created and contains data. All test files were successfully committed and pushed to GitHub.
- What is planned to be done until the next scrum meeting?
 - Before the next scrum meeting, I plan to set up GitHub Actions to automate testing so that tests run on every push. I will also expand validation by testing the contents of the final CSV file to ensure data accuracy and consistency, improve test coverage for edge cases, and begin aligning validation logic with clinical standards, particularly focusing on eGFR outputs.
- What are the hurdles?
 - Current challenges include resolving environment and dependency issues, ensuring that the merged data aligns with expected clinical standards, and coordinating with team members as additional code becomes available for deeper validation testing.

Ogabek Rakhimov

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - I worked on the backend logic for the patient dashboard, successfully implementing the data endpoints necessary to receive predictions and visualizations from the machine learning pipeline. I also finished adding PDF/CSV export options to the trends page.
- What is planned to be done until the next scrum meeting?
 - I will focus on integrating the newly implemented race-free eGFR formula and the SHAP model output into the dashboard's prediction view, working closely with Alyaa and Stefany. I also plan to conduct final usability tests on the responsive design with Fernando.
- What are the hurdles?
 - No hurdles

