

Daily Scrum Meeting Minutes

Attendees: Luis Gonzalez, Jonathan Hernandez, David Peno, Kendrick Crespo, Anjani Mogallur

Start time: 8:50 PM

End time: 9:10 PM

Luis Gonzalez:

How many hours did I work since the last meeting?

2 hours

What was done since the last scrum meeting?

Continued analyzing text extraction accuracy using [pdfplumber](#) and [PyMuPDF](#) on different formats of study material.

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

Run side-by-side tests and create a comparison chart to evaluate which parser handles formatting best.

What are the hurdles?

Text overlap and parsing issues on PDFs with unusual spacing or embedded elements.

Anjani Mogallur:

How many hours did I work since the last meeting?

2 hours

What was done since the last scrum meeting?

Refined notes on [spaCy](#), [NLTK](#), and Hugging Face summarization models. Compared pipeline components.

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

Test each model on selected lecture excerpts and observe summarization quality and runtime.

What are the hurdles?

Preprocessing large documents into chunks without losing coherence.

David Peno:

How many hours did I work since the last meeting?

2 hours

What was done since the last scrum meeting?

Set up test cases with sample key terms and used **NetworkX** to prototype small graph structures.

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

Experiment with node styling and layout options using **Graphviz** and explore D3.js alternatives.

What are the hurdles?

Label overlaps and dense clusters reduce graph readability.

Kendrick Crespo:**How many hours did I work since the last meeting?**

2 hours

What was done since the last scrum meeting?

Built test prompts for both OpenAI and **Haystack** using academic questions derived from sample notes.

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

Compare both systems' answers for depth, context use, and speed.

What are the hurdles?

Balancing model complexity with real-time responsiveness for the user.

Jonathan Hernandez:**How many hours did I work since the last meeting?**

2 hours

What was done since the last scrum meeting?

Started initial frontend setup using React, integrating a simple interface for graph previews with **Vis.js**.

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

Improve graph rendering logic and add interaction features like zooming and node selection.

What are the hurdles?

Handling re-render issues and maintaining smooth performance with larger datasets.