

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?**
Ran side-by-side tests and created a comparison chart to evaluate which parser handles formatting best.
- **What is planned to be done until the next scrum meeting?**
Finalize parser choice and begin integrating the selected tool into the main processing pipeline.
- **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?**
Tested summarization models (spaCy, NLTK, Hugging Face) on selected lecture excerpts and compared summarization quality and runtime.
- **What is planned to be done until the next scrum meeting?**
Choose the most effective summarization approach and start integrating it with the output of the text extraction pipeline.
- **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?**
Experimented with node styling and layout options using Graphviz and explored D3.js alternatives.
- **What is planned to be done until the next scrum meeting?**
Start designing the final graph layout for key term relationships based on sample data.
- **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?**
Compared OpenAI and Haystack responses for depth, context use, and speed.
- **What is planned to be done until the next scrum meeting?**
Select the more effective system and begin connecting it to the frontend for interactive query support.
- **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?**
Improved graph rendering logic and added interaction features like zooming and node selection.
- **What is planned to be done until the next scrum meeting?**
Work on integrating dynamic updates from backend data and improve UI responsiveness.
- **What are the hurdles?**
Handling re-render issues and maintaining smooth performance with larger datasets.