

Daily Scrum Meeting Minutes:

Attendees: Jacob Schuster, Owen Weng, William Duran

Start time: 10:00 PM

End time: 11:00 PM

Jacob Schuster:

- How many hours did I work since the last meeting?
 - About 3 hours
- What was done since the last scrum meeting?
 - Began researching how to cluster research papers based on their vector cosine similarity
 - Continued working on the material comparison page (graphs, tables, etc.)
 - Met with the product owner
- What is planned to be done until the next scrum meeting?
 - Finish building the material comparison page
 - Continue working on the graph visualization + algorithms for clustering
- What are the hurdles?
 - Right now most of the hurdles are with scheduling. We're all full-time students so it can be difficult to find days when we're all free. I expect this to lessen as we progress through the semester and everyone's schedules become more regular

Owen Weng:

- How many hours did I work since the last meeting?
 - 3 hour
- What was done since the last scrum meeting?
 - Use neo4j to organize the relationship
 - Research the front-end tool and setup
 - Learn to work on the frontend using next.js
 - Work on extracting data from research papers into Excel
 - Work on Longchain
 - Continued looking over the research question provided by the product owner
- What is planned to be done until the next scrum meeting?
 - We will begin researching the details of using AI in our projects and how to extract data from one database to other
 - Work on graphing database
 - Continue looking for ways to use AI to extract data
 - Couldn't get Langchain to work; I continued working on Langchain
 - Help with the backend database
- What are the hurdles?
 - We are improving in setting up meeting times and better communication with the product owner

William Duran:

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - Developed Database home page
 - Developed material visualization page
 - Created a local instance of the graph database for testing
 - Started researching how to implement an API with neo4j
 - Started researching how to implement a dynamic form
- What is planned to be done until the next scrum meeting?
 - Start developing the API to connect to the graph database
 - Start developing the dynamic form
 - Integrate the dynamic form with the langchain utility
 - Test the langchain results with the question set
- What are the hurdles?
 - Setting meetings so that everyone can attend in person.