

Daily Scrum Meeting Minutes:

Date: 01/24/2025

Attendees: 4

Start time: 9:50 PM

End time: 10:45PM

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?
 - 2 hour
- What was done since the last scrum meeting?
 - I am still working on the api part of my project and looking more advanced on the steps I need to do to proceed. I am also looking into effective resources that are adequate for our project alone and implementing it. But so far I am close to finishing this part of the
- What is planned to be done until the next scrum meeting?
 - By the next scrum meeting, we should all be working on our roles independently and also keeping each other up to date on any obstacles or concerns they have regarding the project. We should be getting close to the next phase of our project.

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?
 - 2 hour
- What was done since the last scrum meeting?
 - Since the last scrum meeting, I researched and clarified the responsibilities of the Validation & Quality Engineer role within the context of a clinical decision support system. I reviewed how eGFR calculations are clinically validated, how automated unit tests are structured for medical formulas, and how model outputs are typically benchmarked against trusted standards such as National Kidney Foundation calculators. I also examined how testing fits into healthcare software workflows to ensure clinical accuracy, reproducibility, and reliability.
- What is planned to be done until the next scrum meeting?
 - By the next scrum meeting, I plan to begin outlining unit tests for the 2021 race-free CKD-EPI eGFR formula and identifying expected input–output pairs for validation. I also plan to define test cases for API responses and explore how to validate SHAP explanations for consistency and correctness across different patient profiles.
- What are the hurdles?
 - A current hurdle is that full validation depends on finalized clinical logic and model outputs, so some testing work will need to be staged as components are completed. Another challenge is ensuring alignment between clinical standards and implementation details to avoid false positives or misleading results during testing.

Fernando Mata

- How many hours did I work since the last meeting?
 - 2 hour
- What was done since the last scrum meeting?
 - Since the last meeting, I have studied and re visited what i would have to do for the front end aspect of the project. I have also begun working on a wireframe that i could share so that we can see what we like and dislike
- What is planned to be done until the next scrum meeting?
 - Until the next meeting, I will continue to research for my part of the product and continue working on the wireframe.
- What are the hurdles?
 - No hurdles at the moment

Ogabek Rakhimov

- How many hours did I work since the last meeting?
 - 2 hours
- What was done since the last scrum meeting?
 - I analyzed the required data schema for the eGFR formula inputs and started structuring the database access layer for the application's backend. I also reviewed the requirements for integrating the API logic Stefany is working on with the core model component.
- What is planned to be done until the next scrum meeting?
 - I will finalize the data layer structure and begin implementing the data preprocessing module required by the 2021 race-free eGFR formula. I will also coordinate with Alyaa to ensure the data format is compatible with her model implementation.
- What are the hurdles?
 - No hurdles at the moment