

Daily Scrum Meeting Minutes:

Date: 01/28/2025

Attendees: 4

Start time: 4:45 PM

End time: 5:35PM

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 is adequate for our project alone and implementing it.
- 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.

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 focused on understanding how clinical formulas and model outputs are validated within healthcare software. I reviewed how eGFR calculations are clinically verified, how trusted organizations define acceptable error ranges, and how testing frameworks in regulated environments prioritize accuracy, reproducibility, and traceability.
- What is planned to be done until the next scrum meeting?
 - By the next scrum meeting, I plan to conduct a deeper literature review on validation practices for the 2021 race-free CKD-EPI eGFR formula, including how different clinical organizations define benchmarks and handle edge cases. I will also research best practices for validating explainability methods such as SHAP in healthcare AI systems, focusing on consistency, stability, and clinical interpretability.
- What are the hurdles?
 - A challenge is that validation guidance is often spread across clinical, regulatory, and technical literature rather than centralized sources. Synthesizing these perspectives into a cohesive validation approach requires careful interpretation to avoid misalignment between clinical standards and software implementation.

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 started working on the initial wireframe and design mock-ups for the doctor's interactive dashboard, focusing on the layout for the KDIGO Heatmap and longitudinal trend charts. I also researched the technical requirements for integrating Plotly.js to handle the trend visualizations.
- What is planned to be done until the next scrum meeting?
 - I will begin implementing the basic structure of the dashboard interface and integrate a dummy KDIGO Heatmap to test the color-coding logic. I will also start setting up the data binding for the longitudinal trend charts using Plotly.js.
- What are the hurdles?
 - No hurdles at the moment