

Sprint 4 Peer Reviews

Lawrence Jones gives feedback for Nacim Osman from team “Leap Frog”

In Sprint 4:

- Implemented machine learning model switching capability to support improved and updated models.
- Developed a model upload function, allowing users to import their own trained models into the app.
 - Still addressing a model read error, but the core upload logic is in place.
- Worked on expanding the image dataset to include a broader and more diverse set of frog images.
 - This will help improve model generalization and classification accuracy.

Overall, Nacim continues to make strong technical contributions. His work on the model infrastructure is essential for the app’s flexibility and future updates.

Feedback from Connor Priester to Nacim Osman:

Positive –

- Detailed breakdown of ML and experimentation process, easy to follow.
- Updated model with Electron app for better organization, intuitive.
- Trained models with datasets to further model processing

Constructive Criticism –

- File parsing errors when loading models still in progress, will allow for better model efficiency and less mistakes.
 - Read error on switching model types, fixing will allow for smooth transitions with caching and traceability.
 - Minor interface issues, already updated with fixes proposed, great work all around.
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Nacim Mohamed Osman gives feedback for Lawrence Jones from team “TAG”

In Sprint 4:

- Set up the app using Docker containers, creating an isolated and reproducible development environment.
- Implemented a PostgreSQL database container and configured it for use with the backend.
- Walked through how to build and run the container setup — it was well-documented and clearly demonstrated.
 - The system looks solid, just needs more testing to ensure consistency across different environments.

Lawrence’s work shows a strong understanding of backend deployment and infrastructure. His setup will help the team transition to a more robust and scalable architecture.

Nacim Mohamed Osman gives feedback for Connor Priester from team “Knights of Notation”

In Sprint 4:

- Assisted in navigating OSMD limitations by debugging and researching ways to enable dynamic rendering changes.
- Helped integrate the dropdown behavior in the Navbar while verifying compatibility with existing React Native layouts.
- Supported zoom function testing and reviewed scroll/overlay behavior in the Render view.
- Collaborated in identifying which UI elements (e.g., Margin, Staff controls) require further attention for Sprint 5 or future work.
- Actively contributed to discussions around technical debt and documented bugs that need to be addressed in the next phase.

Connor contributed meaningfully in this sprint despite the project’s incomplete state. He adapted well, contributed to feature integration, and took initiative in documenting both issues and potential fixes — valuable for any team aiming for long-term sustainability.

