

## Sprint 4 Plan

### Goal

Finish model, model optimization, document all source code.

### User Stories

- User Story 1: As a User, I want to be able to understand how to use the product.
  - Task 1: Finish writing up source code documentation and comments.
  - Task 2: Make a detailed user manual instructions guide.Total for user story 1: 10 hours.
- User Story 2: As user, I want to see the optimizations performed on the model to improve accuracy and/or performance time.
  - Task 1: Implement Performance tests to identify and compare potential changes in model performance.
  - Task 2: Change the model structure to see performance gains when possible or accuracy improvements.Total for user story 2: 20 hours
- User Story 3: As a user, I want to be able to view the performance and outputs of the model.
  - Task 1: Streamline the process of running the model. Document the training and testing outcomes along the way.
  - Task 2: Visualize the outputs of the model (annotations, etc.).Total for user story 3: 35 hours
- User Story 4: As a user I want to be able to view a working model
  - Task 1: Begin model development.
  - Task 2: Develop performance and evaluation reports.Total for user story 3: 35 hours

### Team roles

- |                         |                            |
|-------------------------|----------------------------|
| 1. Tibor Fabry-Asztalos | : Developer                |
| 2. Winston Yi           | : Developer, Product Owner |
| 3. Joel Sojan           | : Developer                |
| 4. Ruchit Patel         | : Developer, Scrum Master  |

### Initial task assignment

- |                         |                                    |
|-------------------------|------------------------------------|
| 1. Tibor Fabry-Asztalos | : US1 T2, US3 T1, US4 T1           |
| 2. Winston Yi           | : US2 T1, US2 T2, US3 T1, US4 T1,  |
| 3. Joel Sojan           | : US1 T1, US2 T1, US3 T2 , US4 T2, |
| 4. Ruchit Patel         | : US2 T2, US3 T1, US3 T2, US4 T2   |

### Initial scrum board

<https://github.com/orgs/DeepLearningDiseases/projects/13/views/1>

The screenshot shows a Scrum Board titled "Scrum Board Sprint 4". It has a dark theme and includes a search bar at the top with the text "Filter by keyword or by field". Below the search bar are four columns representing different stages of the sprint:

- User Stories (4):** Contains four draft items:
  - As a User, I want to be able to understand how to use the product.
  - As user, I want to see the optimizations performed on the model to improve accuracy and/or performance over time.
  - As a user, I want to be able to view the performance and outputs of the model.
  - As a user I want to be able to view a working model.
- Todo (4):** Contains four draft items:
  - U1 T1: Finish writing up source code documentation and comments.
  - U1 T2: Make a detailed user manual instructions guide.
  - U3 T2: Visualize the outputs of the model (annotations, etc.).
  - U4 T2: Develop performance and evaluation reports.
- In Progress (4):** Contains four draft items:
  - U2 T2: Change the model structure to see performance gains when possible or accuracy improvements.
  - U3 T1: Streamline the process of running the model. Document the training and testing outcomes along the way
  - U2 T1: Implement Performance tests to identify and compare potential changes in model performance
  - U4 T1: Begin model development.
- Done (0):** Currently empty, with the description "This has been completed".

Each column has an "Add item" button at the bottom. The interface also includes a "View 1" dropdown and a "+ New View" button at the top left, and "Discard" and "Save" buttons at the top right.

### Scrum times

Tuesday 5:00-5:45pm

Monday 9:00-9:15am

Wednesday 9:00-9:15am

Friday 9:00-9:15am