

## Sprint 4 Report

Project Name: Deep Learning Diseases (DLD)

Team: Facebook

Team Members: Tibor Fabry-Asztalos, Winston Yi, Ruchit Patel, Joel Sojan

6/7/23

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### **Things to stop doing**

- Stop being vague during our online communications.
  - When communicating with each in our Discord group chat, we are often very vague when we describe what we are working on. This makes it harder to share knowledge we have researched and harder to coordinate work between us. Additionally, it prevents us from doing the same work twice.

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### **Actions to start doing**

- Attend class to understand Scrum practices
- Add better comments/ documentation on the code.

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### **Actions to keep doing**

- Keep the velocity going
  - Actively hold group work sessions
  - Prepare for meetings beforehand, understand what needs to be covered in groups and individually
  - Keep having good communication specifications
  - Keep asking clarifying questions when vague
  - Keep individual questions/work out of group TA meetings.
  - Make sure to review code thoroughly before making changes.
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## Work completed/not completed

List of completed Sprint 4 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

List of incomplete/ongoing Sprint 4 user stories:

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## Work completion rate:

Total number of user stories completed	: 100% (3 out of 3).
Total number of work hours (all members' combined)	: 100 to 100 for Sprint 4.
Total number of days during the prior sprint	: 2 weeks (12 to 14 days).
Average days per user story	: 3.5 days.
Average individual work hours per day	: 1-2 hours.

Scrum Board (Finished Sprint 4):

Scrum Board Sprint 4

View 1

+ New View

Filter by keyword or by field

Discard

Save

User Stories4

Draft

As a User, I want to be able to understand how to use the product.

Draft

As user, I want to see the optimizations performed on the model to improve accuracy and/or performance over time.

Draft

As a user, I want to be able to view the performance and outputs of the model.

Draft

As a user I want to be able to view a working model.

+ Add item

Todo0

This item hasn't been started

+ Add item

In Progress1

This is actively being worked on

Draft

U3 T2: Visualize the outputs of the model (annotations, etc.).

+ Add item

Done7

This has been completed

Draft

U4 T1: Begin model development.

Draft

U1 T1: Finish writing up source code documentation and comments.

Draft

U4 T2: Develop performance and evaluation reports.

Draft

U1 T2: Make a detailed user manual instructions guide.

+ Add item

Burnup Chart:

Sprint 4 Burnup Chart

