

Sprint 2 Report

Project Name: Deep Learning Diseases (DLD)

Team: Facebook

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

5/2/23

—

Things to stop doing

- Think about ideas before the Scrum meeting.
 - Oftentimes a member's difficulty to keep up wastes everyone's time in the Scrum meeting so thinking about it by themselves before the meeting will save other people's time.
- Stop allowing daily Scrum meetings to continue past 15 minutes.
 - It is usually a waste of time when it continues past 15 minutes.

—

Actions to start doing

- Prepare for meetings beforehand. Saves other peoples time.
- Add annotations to resources readings before uploading them
- Brief through work done and changes since last commitment by others

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
-

Work completed/not completed

List of completed Sprint 2 user stories:

- User Story 2: As a user I want to be able to understand how the product was built as well as how to use it.
 - Task 1: Document engineering decisions as well as analysis of code.
 - Task 2: Write user manual/documentation on how to use/run the model

Total for user story 2: 10 hours

- User Story 3: As a user I want to be able to view a frontend.
 - Task 1: Set up basic front end with intended user functionality
 - Task 2: Develop front end environment

Total for user story 3: 10 hours

- User Story 4: As a User, I want to be able to upload images to be utilized by the model.
 - Task 1: Set up the components and file processing capabilities as specified for the project requirements.
 - Task 2: Ensure the uploaded pictures are viewable by the user and can be changed.

Total for user story 4: 15 hours

List of incomplete/ongoing Sprint 2 user stories:

- User Story 1: As a User I want to be able to view the preprocessed data the model was trained on.
 - Task 1: Learn ML libraries (Pytorch, Tensorflow)
 - Task 2: Practice on data subsets and learn data characteristics

Total for user story 1: 20 hours

Work completion rate:

Total number of user stories completed	: 75% (3 out of 4).
Total number of work hours (all members' combined)	: 35 to 55 for Sprint 2.
Total number of days during the prior sprint	: 2 weeks (12 to 14 days).
Average days per user story	: 4.5 days.
Average individual work hours per day	: 1 hour.

Scrum Board (Finished Sprint 2):

Scrum Board Sprint 2

View 1

+ New View

Filter by keyword or by field

Discard

Save

User Stories4

Draft

As a User I want to be able to view the preprocessed data the model was trained on.

Draft

As a user I want to be able to understand how the product was built as well as how to use it.

Draft

As a user I want to be able to view a frontend.

Draft

As a User, I want to be able to upload images to be utilized by the model.

+ Add item

Todo0

This item hasn't been started

+ Add item

In Progress2

This is actively being worked on

Draft

U1 T1: Learn ML libraries (Pytorch, Tensorflow)

Draft

U1 T2: Practice on data subsets and learn data characteristics

+ Add item

Done6

This has been completed

Draft

U3 T1: Set up basic front end with intended user functionality

Draft

U4 T1: Set up the components and file processing capabilities as specified for the project requirements.

Draft

U4 T2: Ensure the uploaded pictures are viewable by the user and can be changed.

Draft

U2 T2: Write user manual/documentation on

+ Add item

Burnup Chart:

Sprint 2 Burnup Chart

