

Sprint 1 Report

Project Name: Deep Learning Diseases (DLD)

Team: Facebook

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

4/25/23

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Things to stop doing

- Stop allowing daily Scrum meetings to continue past 15 minutes.
 - It is usually a waste of time when it continues past 15 minutes.
- Make a commitment for schedule meetings
 - While last minute cancellations are occasionally allowed, the repeated cancellation of team scheduled meetings hinders the overall progress of the group when discussing the intricacies of this project and how each team member must make an equal contribution.

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Actions to start doing

- Should hold more group meetings where all members work on the project together. More work is done and all members know that the other members are equally contributing.
- We should start conducting more development collaborations and improvements such as code reviews, automated testing, documentation, etc. in order to have consistent project standards and a smoother development process.
- We need to ensure that our online communications are as descriptive as possible.
- Our team should start collaboratively reflecting after each sprint to make changes to our development process as necessary.

Actions to keep doing

- We should continue our cordial communication as it has helped in keeping everyone updated and oriented.
- Our team should also continue our stand-up meetings as it has led to immense clarification and understanding of current team goals and objectives. It has also improved

the bond between team members.

- We should also continue, despite its difficulty, our culture of research-oriented learning as it has led to enormous improvements in the skills of our team members.
- We should continue studying ML and Web applications individually. This has helped us develop our ideas into realistic goals and plans.

Work completed/not completed

List of completed Sprint 1 user stories:

- {1} As a User I want to understand the benefits and disadvantages of the selected model algorithm. [25]
- {3} As a User I want to know where the data set for this model was obtained.[20]

List of incomplete/ongoing Sprint 1 user stories:

- {2} User Story 2: As a User, I want to understand the input for this model.[8]

Work completion rate:

Total number of user stories completed	: 67% (2 out of 3).
Total number of work hours (all members' combined)	: 45 to 53 for Sprint 1.
Total number of days during the prior sprint	: 2 weeks (12 to 14 days).
Average days per user story	: 7 days.
Average individual work hours per day	: 1 hour.

Sprint 1 Scrum Board (Ending Sprint 1):

Scrum Board Sprint 1

View 1

+ New View

Filter by keyword or by field

Discard

Save

User Stories 3

Draft

As a User, I want to understand the input for this model.

Draft

As a User I want to understand the benefits and disadvantages of the selected model algorithm

Draft

As a User I want to know where the data set for this model was obtained.

+ Add item

Todo 0

This item hasn't been started

+ Add item

In Progress 2

This is actively being worked on

Draft

U2 T2: Determine methods of input representation

Draft

U2 T1: Reserach implementations of DL model

+ Add item

Done 4

This has been completed

Draft

U1 T1: Determine evaluation metrics usable to analyze performance statistically

Draft

U1 T2: Analyze the moral ethics behind the metrics as well as how different model aims and goals can skew those metrics

Draft

U3 T2: Choose sources of data

Draft

U3 T1: Prune/Clean data if needed

+ Add item

Burnup Chart:

Sprint 1 Burnup Chart

