Sprint 3 Report

Project Name: Deep Learning Diseases (DLD)

Team: Facebook

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

5/23/23

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Things to stop doing

- Stop working in isolation.
  - Our team should stop working in silos and instead promote more cross-functional collaboration to ensure that everyone is aligned on goals and working together.

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Actions to start doing

- Keep individual questions/work out of group TA meetings.
- Attend class to understand Scrum practices
- Make sure to review code thoroughly before making changes.
- 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

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Work completed/not completed

List of completed Sprint 3 user stories:
- User Story 1: As a User I want to be able to interact with an application
    - Task 1: Create a front-end login page.
    - Task 2: Create back-end user authentication service.

    Total for user story 1: 15 hours

- User Story 2: 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 2: 20 hours

- User Story 4: As a user, I want to see a visualization of the input data for this model.
    - Task 1: Visualize the input data using plotting/visualization tools compatible with the given dataset.

    Total for user story 4: 10 hours

List of incomplete/ongoing Sprint 3 user stories:

- User Story 3: 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

Work completion rate:
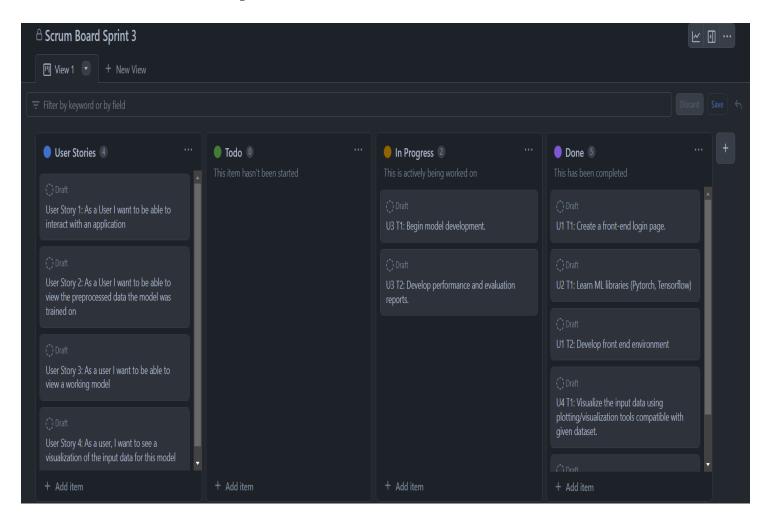
Total number of user stories completed	:	75% (3 out of 4).
Total number of work hours (all members' combined)	:	45 to 80 for Sprint 3.
Total number of days during the prior sprint	:	2 weeks (12 to 14 days).
Average days per user story	:	4.5 days.
Average individual work hours per day	:	1 hour.

Scrum Board (Finished Sprint 3):

🔒 Scrum Board Sprint 3

View 1 ▾ | + New View

Filter by keyword or by field | Discard | Save

🔵 User Stories 4 ...

⬚ Draft
User Story 1: As a User I want to be able to interact with an application

⬚ Draft
User Story 2: As a User I want to be able to view the preprocessed data the model was trained on

⬚ Draft
User Story 3: As a user I want to be able to view a working model

⬚ Draft
User Story 4: As a user, I want to see a visualization of the input data for this model

+ Add item

🟢 Todo 0 ...

This item hasn't been started

+ Add item

🟠 In Progress 2 ...

This is actively being worked on

⬚ Draft
U3 T1: Begin model development.

⬚ Draft
U3 T2: Develop performance and evaluation reports.

+ Add item

🟣 Done 5 ...

This has been completed

⬚ Draft
U1 T1: Create a front-end login page.

⬚ Draft
U2 T1: Learn ML libraries (Pytorch, Tensorflow)

⬚ Draft
U1 T2: Develop front end environment

⬚ Draft
U4 T1: Visualize the input data using plotting/visualization tools compatible with given dataset.

⬚ Draft

+ Add item

Burnup Chart:

Sprint 3 Burnup Chart