EE/CprE/SE 492 - sdmay23-35
Learning the Popularity Prediction in Information Cascades
BiWeekly Report #5
4/8/23 - 4/21/23
Client & Advisor: Goce Trajcevski

Team Members/Role:
> Bailey Gorlewski, Frontend - Mapbox and DevOps (CI/CD)
> Evan Gossling, Frontend - UI/UX and Framework
> Ian Johnson, Frontend - Design and Functionality
> Paul Brinkmann, Backend - MySQL and Database
> Will Postler, Backend - Integration between frontend and backend

Weekly Summary:
> This week was slower as we are waiting for the ML model to be trained and stored in our server. As a part of this, we acquired a server that can train the model. The model needs specific versions of Cuda and Tensorflow which require an older GPU model then the one in our original GPU, therefore we needed a different server that met the model's requirements. So we finally got that sorted out and are preparing to integrate the model into our framework as soon as it's trained.

Past Week Accomplishments:
- Bailey: Cleaned up Dockerfile, started presentation document
- Evan: Minor UI changes. Prepared for the ML model integration into our framework. Helped get a server for the model.
- Ian: Contacted ETG to obtain a server capable of running the ML model.
- Paul: Finished the data upload script and fixed all the remaining bugs in it (that I know of), added error file uploading functionality and successfully completed the dataset upload.
- Will: Facilitated team meetings with our client.

Individual Contributions:

Name	Individual Contributions	Hours this week	Hours cumulative
Bailey Gorlewski	Cleaned up Dockerfile, started presentation document	4	60
Evan Gossling	Minor UI changes. Prepared for the ML model integration into our framework. Helped get a server for the model.	4	64

Ian Johnson	Contacted ETG to obtain a server capable of running the ML model.	4	67
Paul Brinkmann	Finished the data upload script and fixed all the remaining bugs in it (that I know of), added errored file uploading functionality and successfully completed the dataset upload.	4	52
Will Postler	Facilitated team meetings with our client.	1	26

Plans for Coming Week:
- Bailey: Create unit tests and work with Evan on integrating model
- Evan: Finish integrating the model into the framework and add its corresponding graph to our Visualizations page.
- Ian: Add more functionality to the website by creating links between the model and UI elements; create a table in the database to aid in additional user queries.
- Paul: Create unit tests.
- Will: Help integrating the ML model into our design.