

MEETING MINUTES

Project: *A Map Management Platform for Self-Driving Cars*

Date of Meeting: 24/05/2021

Location: Zoom

Chair: Huu Thanh Nguyen

Time of Meeting: 10 am - 11 am

Minutes Prepared By: Aryaman Dhawan

1. Purpose of Meeting

The final meeting for the Master of Computing & Innovation Project was held to present the fixes for bugs found during the testing plan and discuss final changes in functionality for the web-app.

2. Attendance at Meeting

Client: Anh-Dzung Doan

Project team: Aryaman Dhawan, Huu Thanh Nguyen, Jonhatan Cotes Calderon, Nhu Quynh Hoa (Ruby)

3. Meeting Notes, Decisions, Issues

The team presented the following:

- Bug fix implemented for direction as sanity check and error handler in deltaneighbours method and others found during testing.
- To faster render large amounts of data, frontend functionality was changed to load images only when querying a point by mouse click.
- Reset data filtering at one click.
- During stress testing it was found how data handling in chunks is important to fix a bottleneck and speed up processing.
- Explained how to add data for a new region.
- Presented resource requirements for Heroku as in the number of Dynos.
- Presented image_downloader.py ; an updated and faster integrated multiprocessing method in the project replacing the open source tool used earlier.

The client requested the following:

- Steps of the process to update data from a new region.
- Update the functionality on frontend to only show sequences instead of coordinates after a certain zoom level.
- Add a progress bar to let the user know while the processes are running in the background.

4. Action Items

Action	Assigned to	Due Date	Status	Followed up by
Reviewing the meeting minutes	Huu Thanh Nguyen	25/05/2021	Done	Nhu Quynh Hoa

Uploading the finalised meeting minutes to GitHub	Aryaman Dhawan	25/05/2021	Done	Huu Thanh Nguyen
Sending the finalised meeting minutes to all attendants	Aryaman Dhawan	25/05/2021	Pending	Nhu Quynh Hoa
Present updated functionality for frontend.	Team	31/05/2021	In progress	Aryaman Dhawan
Present progress bar for backend tasks.	Team	31/05/2021	In progress	Huu Thanh Nguyen

5. This meeting concludes as the last one for this project.