

Bi-weekly Report (24th March 2016)

Project (Neuro)	Interface for a Social Data Repository for the Internet Neurocinematics Database (INcDb)
Team 35	Cheung Johnson (Leader) Karunaratne Rajind Ong Yong Lin

1. Overview of Work Progress

As for the final week, we've managed to successfully complete the essential requirements for the project. Cheung and Ong have implemented the background running of tasks for the decoding process and Rajind implemented the merging of brain imaging data to work with the background tasks. Currently we are looking into the Testing and Deployment stages of the project, as well as on user and technical documentation

2. Summary of Meetings

Meeting 14th Mar	Karunaratne Cheung Ong	1. Discussed regarding the background tasks for the website implemented by Ong and Cheung.
Meeting 21st Mar	Cheung Karunaratne Ong	1. Discussed regarding the testing and deployment stages to be conducted, especially during the time period of spring vacations

3. Completed Tasks

No.	Task	Owner	Status
1	Implement functionality to merge multiple brain imaging files into one image file to display brain imaging for a term for a specific movie	Rajind	Complete
2	Arrangement of multiple collections for the same movie	Ong / Cheung	Complete
3	Implementation of background tasks using Celery and Redis-Server	Ong / Cheung	Complete
4	User-documentation	Rajind	Ongoing
5	Testing and Deployment	All	TBD

4. Problems

We have not come across any significant problems over the past week.

5. Individual Contribution

Johnson Cheung

This week I worked on making the decoding of processed files uploaded by Dr. Skipper work asynchronously, in the background, using Celery with Flask.

Yong Lin Ong

This week I failed to run the background task to decode image and after multiple attempts, I still could not resolve the issue. Instead of spending more time on fixing the issue of running background task, I started reading up on testing and deployment.

Rajind Karunaratne

Initially I was able to implement the merging functionality upon uploading brain imaging data to the local server. However as we combined Ong and Cheungs implementation of the background tasks, this broke the functionality. However after a bit of tweaking, the issue fixed and now the functionality works with Celery and Redis-server. Currently I'm working on the user documentation for the website.