

Bi-weekly Report (11th 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

While it has only been a week, a majority of the progress done is primarily resolving bugs and glitches with the front-end and making additions to the backend.

2. Summary of Meetings

Meeting 8th Mar	Karunaratne Cheung Ong	1. Discussed the project plan. Primarily regarding the upcoming testing and deployment phase as we are almost complete with the project.
Meeting 2nd Mar	Cheung Karunaratne	1. Presented our client the near-finalized website. We obtained feedback regarding suggestions and additions to be made. 2. Identified final set of requirements to be complete in order to deem the website complete to begin the testing phase. 3. Ong was not able to attend this meeting due to being sick.

3. Completed Tasks

No.	Task	Owner	Status
1	Implemented Brain Viewer for an individual Term	Rajind	Done
2	Fixed alignment and responsive design for pages that consisted the Brain Viewer	Rajind	Done
3	Implemented decoding function for when administrator uploads a collection of processed brain images	Ong	Done
4	Implemented background running tasks of arranging database entries on upload and decoding of collection of brain images	Cheung	Done

5	Implement functionality to merge multiple brain imaging files into one image file to display brain imaging for a term for a specific movie	Rajind	Ongoing
6	Arrangement of multiple collections for the same movie	Ong / Cheung	Ongoing

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

I worked on implementing an admin interface for our client to upload the processed dataset to the website. I also worked to allow a movie to support multi-collection by different users.

Rajind Karunaratne

It was a bit of a challenge to implement the brain viewer on to the page for a single term as additional CoffeeScript scripts were required in order to read 64-bit image files (which did not initially work with the brain viewer). I also fixed the alignment for the brain viewer which now works responsively. I am currently attempting to implement a Python plugin called 'Nibabel', which provides functions to merge multiple brain imaging files into a single file. This will be beneficial to display brain imaging data for certain pages in the websites.