How the website works

First we load the index php file. This displays a webpage, with a map, centred on Auckland. There is a combo box. This is to select what route you want to see the buses of. Little did you know, but while you were waiting for the page to load, it was actually pulling the route names from a database. Next, you click say, the route SKY out of the combo box. The website then queries the Auckland Transport api for data about that route, and then displays the locations of the buses on the maps, using Gavin’s swanky markers.

Decision Making Process relating to the separation of client and server.

We moved the database server side as we did not need to load the client with a large file like that. The web api also stayed server side, as it would be useless to keep a thing that is constantly updating on the client machine.

Summary of teamwork

Barring a few arguments, we believe we did well as a team . Admittedly, we could not seem to distribute the work evenly, as

How we communicated with each other

To communicate with each other, we used the application Facebook messenger. This was good to use, as we already all had it installed and knew how to use it.

To manage and share code, we used a GitHub repository. Kirill had set this up, and every time one of us did something important to the code, we committed and pushed. This was good, as when Gavin wrote some spaghetti code, we could easily revert it to the last working commit. GitHub was also good to use as we all had a preference as to how we used it and what we used it with. We did have some problems with it however, when Gavin didn’t know how to push a fucking file like the autistic monkey that he is.

Separation of tasks

Kirill did all the backend interaction with the database and API, Gavin did all the frontend styling and most of the map interaction, and Luke was useless and did the report.

What went well and didn’t go well

What we would do differently next time around

2-3 Pages long.