Minutes 3rd November 2015.

Scraper -> MySQL <- Prediction -> Yahoo Weather forecast

**API** (Google) -> MySQL

Authorisation

Feedback

Route Index/ avg - display the current quality

Route finder

Upload the route - record the route for the individual.

* Have to find the appropriate API and integrate with heat map.
* Feedback and the route index would be inter-related. Data from feedback is used to manipulate the route index.
* Prediction would produce data hourly and add it back to the MySQL database. The API would access it from MySQL.
* The values are represented as points, we could utilise it to find future predictions and further build the heat map.
* How are we planning to gain weather data (past and present) for the predictions?
* Problem of finding an alternate route when the sensors cover large distances. 2 points may have the same pollution level in a particular location.
* Suggestion: Find an alternate route using the average pollution index of the points.

Plan for the next few weeks.

Week 3- working version of the prediction analysis.

End of week 1/week 2- plan endpoints and the structure of front end.

End of week 2- Integrate front end with the API.

Week 3- Working model of the project.

Week 4- For testing and further improvements.