Meeting logs

12/02/2019 - SE practical

- Sketched project structure
- Highlighted project requirements
- Created Trello account
- Talked with TA in order to understand the workflow structure and the project architecture

14/02/2019 - SE practical

- Met Alan Treanor (alan.treanor@ucdconnect.ie) = product owner
- Discussed project management strategy
- Discussed project design → simple web page with map and pinpoints

15/02/2019 - meeting @ health sciences building

- Use different project management tools? E.g. Trello, VivifyScrum, ScrumDesk, Jira
- Try free VivifyScrum demo
- Explore VivifyScrum, set each account, started project management with the platform
- Started **sprint 1** on VivifyScrum, added features + tasks + ideas
- Discussed project features: real time information vs predictions? Two application “modes” → real time journey plan (no prediction) and future journey plan (incorporating prediction, making ML model work)
- Need to formalize assumptions we need to make in order to run the application
- Set ad-hoc virtual environment with Conda
- Build a sample Python Flask application, make it run on the browser

19/02/2019 - SE practical

- Start new EC2 instance with 30GB space
- Set up GitHub repository for the project
- Create scrapper program
- Create SQL DB schema and tables required for static + dynamic data
- Test RDS instance on local machine, storing data on local DB
- Set up RDS instance
- Connect RDS instance to MySQL Workbench
- Understand <timestamp> attribute from JCDecaux API

21/02/2019 - SE practical

- Problems with virtual environments
- Created virtual environments with same packages installed
- Installed further packages needed both on local machine and EC2 instance
- Cloned github repository on EC2 instance
- Tested scrapper for dynamic and static data on local machines

- Tested scrapper on EC2 instance
- Checked RDS properly working and storing data

21/02/2019 - meeting @ health sciences building

- Approaching end of sprint 1: check backlog and task status
- Review bike scrapper code
- Building weather scrapper: select relevant information (rain, windspeed, °C)
- Test weather scrapper on local machine, then on EC2
- Merge scrappers together? Keep separated modules?
- Start scrapping all the data (bikes, weather)
- Brainstorm tasks for sprint 2