Group2 Sprint Backlog

[Feb 18 - Mar 4]

User Story: [Google MAP Interface]

- **As a:** [User]
- **I want to:** [see google map interface on the web]
- **So that I can:** [interact with]

Priority: [High]
Estimated Points: [5]
Acceptance Criteria:

- [A web page with the Google Map feature]
- [When the user navigates to the page, a functional and interactive Google Map should be displayed]

SubTasks:

- **Task 1:**
  - Estimated Points: [1]
  - Assigned To: [Anju]
  - Description: [Build a basic website]
  - Finish Time: [23rd Feb]
- **Task 2:**
  - Estimated Points: [3]
  - Assigned To: [Anju]
  - Description: [Link the Google Map API into the website]
  - Finish Time: [23rd Feb]
- **Task 2:**
  - Estimated Points: [1]
  - Assigned To: [Sabrina]
  - Description: [Test the Google Map API functionality]

    - Finish Time: [25th Feb]

User Story: [Bike Occupancy data]

- **As a:** [User]
- **I want to:** [access the latest bike occupancy data]
- **So that I can:** [decide which bike to choose]

Priority: [High]
Estimated Points: [15]
Acceptance Criteria:

- [When the user access the web, the bikes' location should be displayed on the map]
- [bikes' location should be accurate and up-to-date]
- [Collects info every 5 mins]
- [Aim to have several weeks of continuous data]

SubTasks:

- **Task 1:**
    - Estimated Points: [3]
    - Assigned To: [Ze Li]
    - Description: [Implement API requests for bike data and store data in database]
    - Finish Time: [18th Feb]
- **Task 2:**
    - Estimated Points: [3]
    - Assigned To: [Ze Li]
    - Description: [Create API to fetch bikes data from database]
    - Finish Time: [22nd Feb]
- **Task 3:**
    - Estimated Points: [1]
    - Assigned To: [Sabrina]
    - Description: [front-end request from bikes data]
    - Finish Time: [22nd Feb]
- **Task 4:**
    - Estimated Points: [7]
    - Assigned To: [Sabrina, Anju]
    - Description: [Show the bikes data using the Google Map API in website]

    - Finish Time: [22nd Feb]
- **Task 5:**
    - Estimated Points: [1]
    - Assigned To: [Sabrina, Anju]
    - Description: [Test the bikes data functionality in website]
    - Finish Time: [23rd Feb]

User Story: [Weather Information]

- **As a:** [User]
- **I want to:** [see weather information on the map]
- **So that I can:** [better choose trip options]

Priority: [Medium]
Estimated Points: [15]
Acceptance Criteria:

- [When the user access the web, weather information should be displayed on the map in suitable place]
- [weather information should contain relevant details such as temperature, humidity, and wind speed]
- [weather information should be up-to-date]
- [collect data about weather from OpenWeather every hour]

SubTasks:

- **Task 1:**
    - Estimated Points: [4]
    - Assigned To: [Ze Li]
    - Description: [Implement API requests for weather data and store data in database]
    - Finish Time: [16th Feb]
- **Task 2:**
    - Estimated Points: [4]
    - Assigned To: [Ze Li]
    - Description: [Create API to fetch weather data from database]
    - Finish Time: [1st March]
- **Task 3:**
    - Estimated Points: [1]

    - Assigned To: [Sabrina]
    - Description: [front-end request from weather data]
    - Finish Time: [22nd Feb]
- **Task 4:**
    - Estimated Points: [5]
    - Assigned To: [Anju]
    - Description: [Show the weather data in website]
    - Finish Time: [22nd Feb]
- **Task 5:**
    - Estimated Points: [1]
    - Assigned To: [Sabrina]
    - Description: [Test the weather data functionality in website]
    - Finish Time: [23rd Feb]