

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

- Finish Time: []

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: []
- **Task 2:**
 - Estimated Points: [3]
 - Assigned To: [Ze Li]
 - Description: [Create API to fetch bikes data from database]
 - Finish Time: []
- **Task 3:**
 - Estimated Points: [1]
 - Assigned To: [Sabrina]
 - Description: [front-end request from bikes data]
 - Finish Time: []
- **Task 4:**
 - Estimated Points: [7]
 - Assigned To: [Sabrina, Anju]
 - Description: [Show the bikes data using the Google Map API in website]

- Finish Time: []

- **Task 5:**

- Estimated Points: [1]
- Assigned To: [Sabrina, Anju]
- Description: [Test the bikes data functionality in website]
- Finish Time: []

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: []

- **Task 2:**

- Estimated Points: [4]
- Assigned To: [Ze Li]
- Description: [Create API to fetch weather data from database]
- Finish Time: []

- **Task 3:**

- Estimated Points: [1]

- Assigned To: [Sabrina]
- Description: [front-end request from weather data]
- Finish Time: []

- **Task 4:**

- Estimated Points: [5]
- Assigned To: [Anju]
- Description: [Show the weather data in website]
- Finish Time: []

- **Task 5:**

- Estimated Points: [1]
- Assigned To: [Sabrina]
- Description: [Test the weather data functionality in website]
- Finish Time: []