

# Group2 Sprint Backlog

[Feb 4 - Feb 18]

## Application Discussion: [User Story Definition]

- **As a:** [Developer]
- **I want to:** [define our user stories clearly]
- **So that I can:** [build the best application meet our expectation]

**Priority:** [High]

**Estimated Points:** [8]

**Acceptance Criteria:**

- [Well define user stories]
- [User stories should align with project timeline and goals]

**SubTasks:**

- **Task 1:**
  - Estimated Points: [8]
  - Assigned To: [Team]
  - Description: [List all the user stories required for this app]
  - Finish Time: [4th Feb]

## Software Necessity: [Software Necessities Installation]

- **As a:** [Developer]
- **I want to:** [have all necessary software installed]
- **So that I can:** [develop efficiently]

**Priority:** [High]

**Estimated Points:** [8]

## Acceptance Criteria:

- [All softwares are correctly installed]
- [Have front-end development tools installed]
- [Have back-end development tools installed]

## SubTasks:

- **Task 1:**
  - Estimated Points: [2]
  - Assigned To: [Ze Li]
  - Description: [Download software related to back end like Flask]
  - Finish Time: [15th Feb]
- **Task 2:**
  - Estimated Points: [2]
  - Assigned To: [Anju, Sabrina]
  - Description: [Download software related to front end like React]
  - Finish Time: [17th Feb]
- **Task 3:**
  - Estimated Points: [4]
  - Assigned To: [Team]
  - Description: [Install software necessities like RDS, Github, EC2 instance]
  - Finish Time: [11th Feb]

## Software Necessity: [Preliminary data scraping]

- **As a:** [Developer]
- **I want to:** [scrape data from websites or APIs efficiently]
- **So that I can:** [extract and use the data for application development]

**Priority:** [High]

**Estimated Points:** [8]

## Acceptance Criteria:

- [The scraper should be able to retrieve data from a specified website or API]
- [The scraper should be fully automatic and easy to run]
- [Extracted data should be stored in database automatically]

## SubTasks:

- **Task 1:**

- Estimated Points: [5]
- Assigned To: [Ze Li]
- Description: [Implement API requests for JCDECAUX and store data in database]
- Finish Time: [13th Feb]

- **Task 2:**

- Estimated Points: [3]
- Assigned To: [Ze Li]
- Description: [Implement API requests for weather information and store data in database]
- Finish Time: [15th Feb]