

# Release Summary Document

## User stories and Acceptance criteria:

1. As a commuting student, I want to know where all the parking lots are on campus, so I can plan out where I need to park.
  - Map display all the parking lots
2. As a new student, I want to know which parking lot I can park in, so I can make good decisions about where to park
  - Parking lots have detail information
3. As a student, I want to be able to filter search preferences so that I can more easily find parking that works for me.
  - Filtering functions that allow me to filter base on permits
4. As a new student, I want to know which parking lots so that I can park in with my permit.
  - Searching function that allows me to enter the parking lot and returns the parking lot on the map
5. As a visitor, I need to know which parking lots or spaces I can park at so that I can ensure that I can avoid any parking tickets.
  - Taps icon should display on parking lots after a user submits a taps report
6. As a student, I need to know the availability of parking lots or spaces so that I can ensure that I can get to class on time.
  - Parking lots should display different color from green to red to show the fullness of each parking lot
7. As a student, I want a clearer and more accessible user interface to make navigation easier
  - Navigation should be simple and intuitive for any user
8. As a student, I want a reliable hosting solution that minimizes the chance of service interruptions
  - User should be able to access to our website using the URL

## Known Bugs and Problems:

1. The user inputs might be duplicated; The same user can input the same information over and over
2. We only record the latest data to our database; We should have a filter to the data.
3. The data is not consistent after you close each time
4. The JSON information for parking lot data cannot be handled by the website when your browser has any extensions