

Test Plan and Report

Product Name: No-Taps

Team Name: No Taps

Date: 3/12/2024

- A. User story 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.
- B. User story 2: As a student, I want to be able to filter search preferences so that I can more easily find parking that works for me.
- C. User story 3: 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.
- D. User story 4: As a student, I want a reliable hosting solution that minimizes the chance of service interruptions

Scenario 1: Map Display (Pass)

- 1. User open the website
- 2. User should see the parking lots display on the map

Scenario 2: Filtering Algorithm (Pass)

- 1. User click on the checkbox for different options on the left-side menu
- 2. After click the search button, the map should only display the parking lots that apply

Scenario 3: Fullness Display (Pass)

- 1. User can right-click on the parking lot to report to our database the fullness of that parking lot
- 2. The map should display the color of the parking lots from green to red to show a change in fullness and automatically update every 10 minutes.

Scenario 4: Online Hosting (Fail)

- 1. User input our URL into a browser
- 2. User is able to see map but JSON data does not load