Test cases for UAT:

- To test the feature, localhost:3000 will be used, after initializing docker.

- Postman will be used to test GET and POST routes
  - Will be used to verify the login page and create report page works
  - Will test edge cases to make sure the website functions as expected
  - Will make sure the user can't submit GET/POST requests that break the website or exploit any vulnerabilities
- **Test Cases:**
  - Submit GET/POST request with all fields correctly filled -> accept request, return correct data
  - Submit request with SQL query -> server should reject request, not execute query
  - Submit unreasonably long request -> server should reject request
  - Submit query with characters that aren't allowed -> server should reject request

- **Login page**
  - Users should be able to login with correct credentials.
    - Email
    - Username
    - Password
  - The form provides the user with specific feedback about the error.
  - User authentication fails when the user provides invalid credentials.
  - Information is stored in the users table.

- **Choosing parking spot from the map**
  - Parking spot availability information should be accurate and up to date.
  - Map clearly shows where each lot is visually, so user can find their lot even if they don't remember the number
  - Information will be taken from the Google API key.
  - User can easily search different parking lots to filter reports

- **Creating reports**
  - User is able to submit a report for a full lot/parking services
  - User must be logged in to create report
  - User must specify lot and type of report

- - - ■ If user leaves field empty, they receive error and must fill in field before submitting
  - ○ User can optionally submit additional description for report
  - ○ When a user submits a report, it correctly adds their report to the map
  - ○ When the database receives a new report, it pushes it to the map for all users
  - ○ Each registered account can only create a certain number of reports per time period.
    - ■ If the limit is exceeded, the user will be notified they have exceeded their limit