

Manual Test Plan

Prerequisites

1. IntelliJ IDE
2. React Native
3. Expo
4. npm version 6.14.4

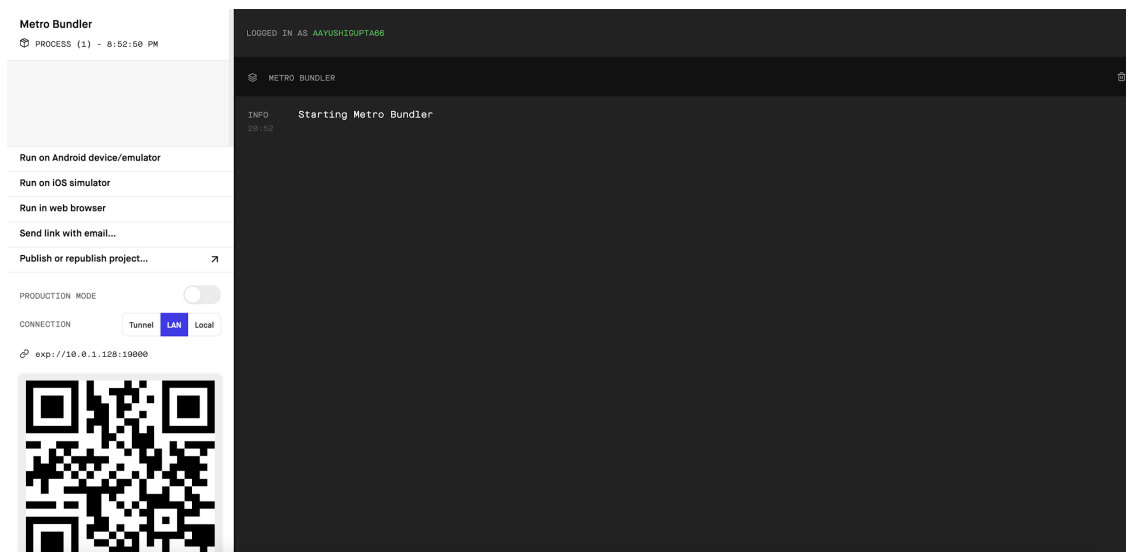
Environment Setup and configurations

- Mac OS environment
- Conduct manual testing by manually validating each functionality by creating and executing test cases. (<https://reqtest.com/testing-blog/gui-testing-tutorial/>)

Operations and the results

MOBILE APPLICATION

- The mobile app uses React Native - an open-source, front end, JavaScript library
- In order to view the mobile app locally, you must run `expo start` within the mobile-app directory
- The following webpage will open

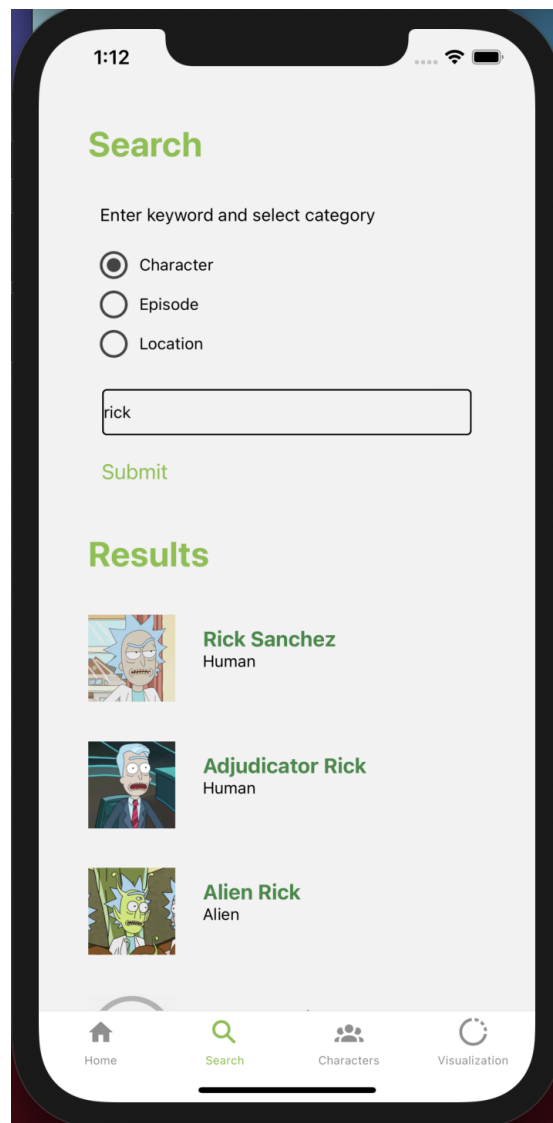


- You can either run the iOS simulator or use the QR code on your own mobile device to access the mobile app locally

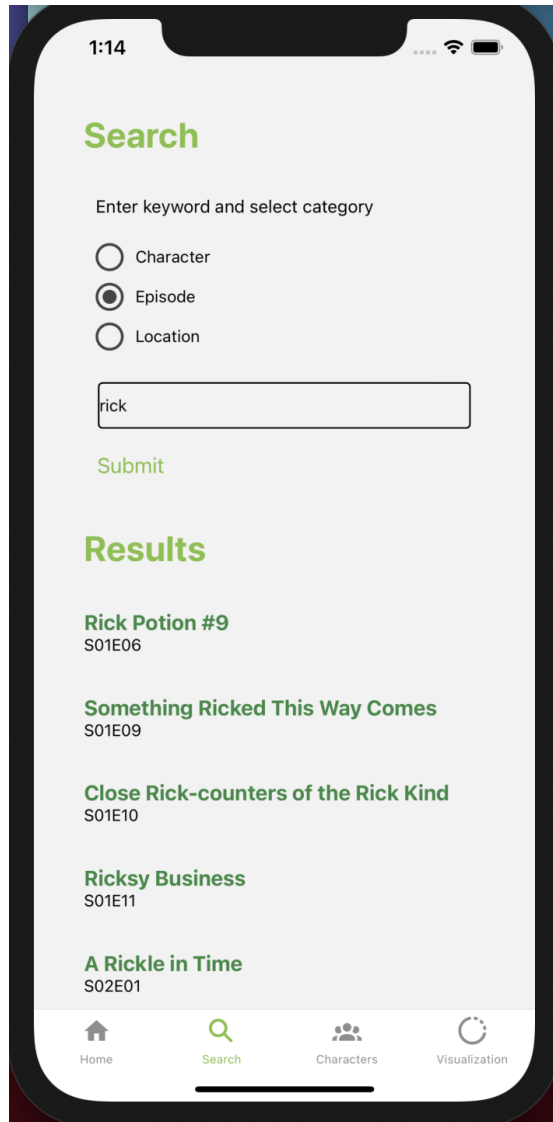
Test Items

MOBILE APPLICATION

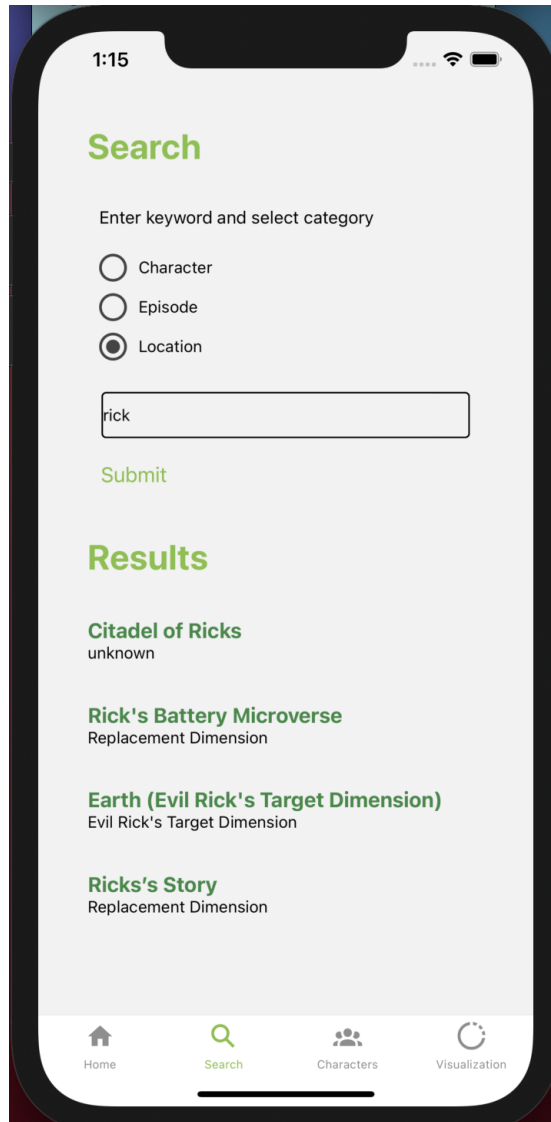
1. Check if the user can search for a character
 - a. Click on the search tab
 - b. Select the character category, enter “rick” as the keyword, and click submit
 - c. Make sure the app renders the correct results in a list format (success)



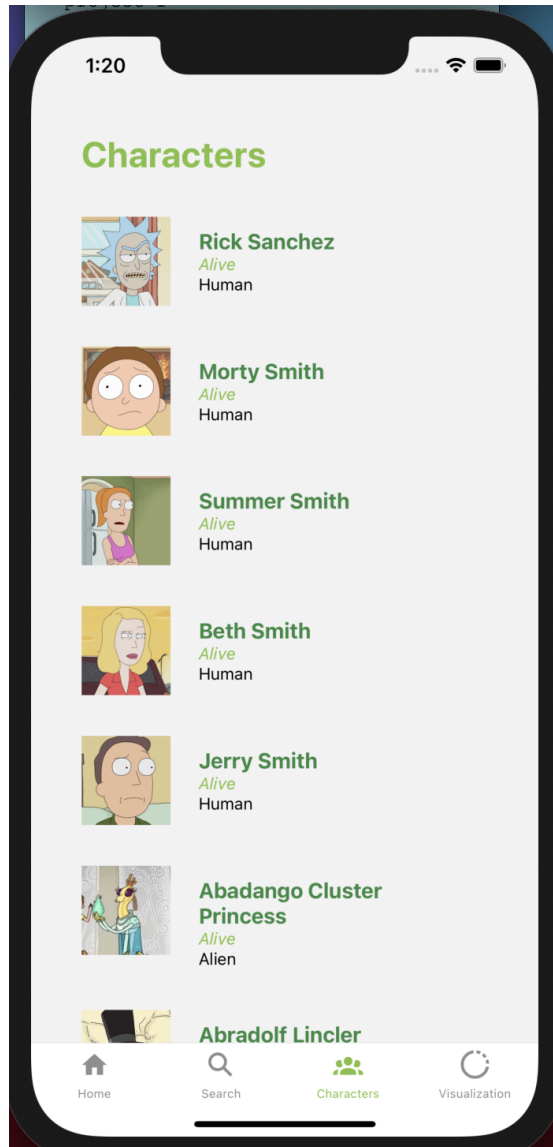
2. Check if the user can search for an episode
 - a. Click on the search tab
 - b. Select the character category, enter “rick” as the keyword, and click submit
 - c. Make sure the app renders the correct results in a list format (success)



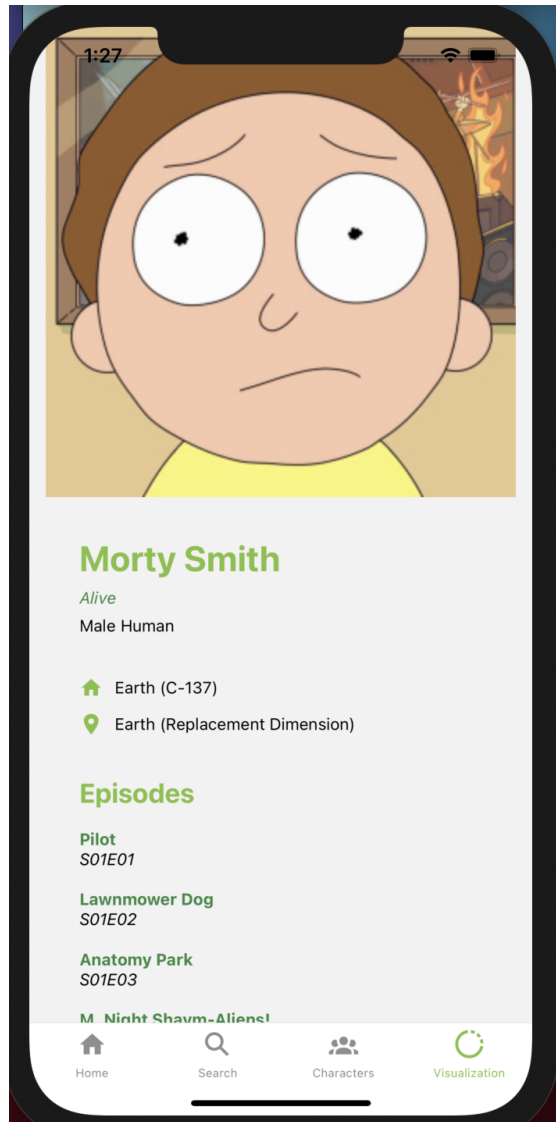
3. Check if the user can search for a location
 - a. Click on the search tab
 - b. Select the character category, enter “rick” as the keyword, and click submit
 - c. Make sure the app renders the correct results in a list format (success)



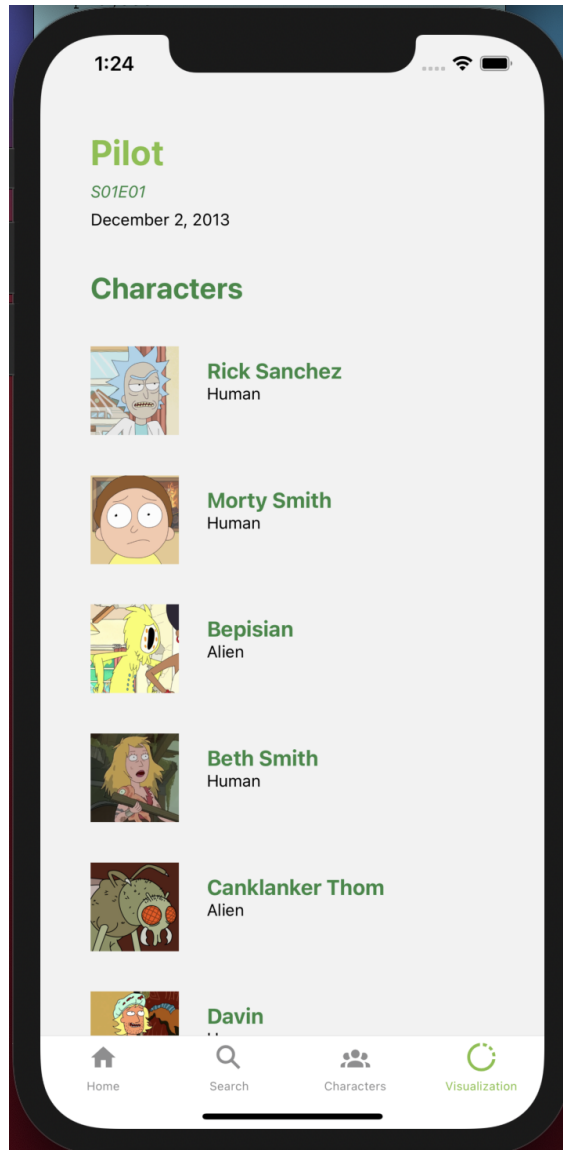
4. Check if the app can render the characters feed
 - a. Click on the characters tab
 - b. Make sure the characters view matches the UI sketches (success)



5. Check if the app can render the detailed character screen
 - a. Change the component in the visualization tab in `App.tsx` to Profile
 - b. Click on the visualization tab
 - c. Make sure the detailed character view matches the UI sketches (success)



6. Check if the app can render the detailed episode screen
 - a. Change the component in the visualization tab in `App.tsx` to Episode
 - b. Click on the visualization tab
 - c. Make sure the detailed episode view matches the UI sketches (success)



7. Check if the app can render the detailed location screen
 - a. Change the component in the visualization tab in `App.tsx` to Location
 - b. Click on the visualization tab
 - c. Make sure the detailed location view matches the UI sketches (success)

