Flora Application

Test Cases

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Test Case: 1 Test Case Name: Load Home Page

Category: User Interface Short Description: Page should load without errors

Designed By: Hannah Bloyd & Johnny Linder

Executed By: Hannah Bloyd & Johnny Linder

Pre-conditions: Application is installed on user’s device.

Step 1: Launch the application on device

Expected System Result: Home page loaded without errors

Pass/Fail: Pass

Post-conditions: Main page displays on user’s device

Test Case: 2 Test Case Name: Load About Page

Category: User Interface Short Description: Page should load without errors

Designed By: Hannah Bloyd & Johnny Linder

Executed By: Hannah Bloyd & Johnny Linder

Pre-conditions: Application is displaying the home screen

Step 1: Click button for About page

Expected System Result: About page loaded without errors

Pass/Fail: Pass

Post-conditions: About page displays on user’s device

Test Case: 3 Test Case Name: Load Plant Page

Category: User Interface Short Description: Page should load without errors

Designed By: Hannah Bloyd & Johnny Linder

Executed By: Hannah Bloyd & Johnny Linder

Pre-conditions: Application is displaying the home screen

Step 1: Click button for Plant page

Expected System Result: Plant page loaded without errors

Pass/Fail: Pass

Post-conditions: Plant page displays on user’s device

Test Case: 4 Test Case Name: Load Plant Detail Page

Category: User Interface Short Description: Page should load without errors

Designed By: Hannah Bloyd & Johnny Linder

Executed By: Hannah Bloyd & Johnny Linder

Pre-conditions: Application is displaying the Plant screen with images loaded and displayed

Step 1: Click on a plant image

Expected System Result: Plant Detail page loaded without errors

Pass/Fail: Pass

Post-conditions: Plant Detail page displays on user’s device

Test Case: 5 Test Case Name: Image API Call

Category: Database Short Description: Pixabay should return image of plant

Designed By: Johnny Linder

Executed By: Johnny Linder

Pre-conditions: Application is installed on user’s device. Pixabay has at least one image loaded for each plant query.

Step 1: Launch application

Step 2: Click on plant button

Expected System Result: Plant page loads image of each plant without errors

Pass/Fail: Pass

Post-conditions: Plant page displays on user’s device with images for each plant, along with a name.

Test Case: 6 Test Case Name: Herbarium API Call

Category: Database Short Description: Herbarium should return data on plants

Designed By: Hannah Bloyd & Thomas Sager

Executed By: Hannah Bloyd & Thomas Sager

Pre-conditions: Application is installed on user’s device. Indiana University Southeast hosts a database that holds a collection of plant information

Step 1: Launch application

Step 2: Click on plant button

Expected System Result: Plant page loads image of each plant without errors

Pass/Fail: Pass

Post-conditions: Plant page displays on user’s device with names for each plant, along with an image.

Test Case: 7 Test Case Name: Information Matching

Category: Data Integrity Short Description: Plant data should match between pages

Designed By: Hannah Bloyd

Executed By: Hannah Bloyd

Pre-conditions: Application is installed on user’s device. Indiana University Southeast hosts a database that holds a collection of plant information. Pixabay holds images for each plant query.

Step 1: Launch application

Step 2: Click on plant button

Step 3: Click a plant image

Expected System Result: Plant detail page loads data for the intended plant, which was clicked on in the Plant page

Pass/Fail: Pass

Post-conditions: Plant detail page displays on user’s device with names and description data for intended plant along with an image.