Flora Application

Test Cases

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| **Test Case#:** 1  **Category:** User Interface  **Designed By:** Hannah Bloyd & Johnny Linder | **Test Case Name:** Load Home Page  **Short Description:** Page should load without errors  **Executed By:** Hannah Bloyd & Johnny Linder |

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

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1 | Launch the application on device | Home page loaded without errors | Pass | Page loaded Successfully |

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

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| **Test Case#:** 2  **Category:** User Interface  **Designed By:** Hannah Bloyd & Johnny Linder | **Test Case Name:** Load About Page  **Short Description:** Page should load without errors  **Executed By:** Hannah Bloyd & Johnny Linder |

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| Pre-conditions: Application is displaying the home screen. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1 | Click button for About page | About page loaded without errors | Pass | Page loaded Successfully |

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

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| **Test Case#:** 3  **Category:** User Interface  **Designed By:** Hannah Bloyd & Johnny Linder & Thomas Sager | **Test Case Name:** Load Plant Page  **Short Description:** Page should load without errors  **Executed By:** Hannah Bloyd & Johnny Linder & Thomas Sager |

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| Pre-conditions: Application is displaying the home screen. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1 | Click button for Plant page | Plant page loaded without errors | Pass | Page loaded Successfully |

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

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| **Test Case#:** 4  **Category:** User Interface  **Designed By:** Hannah Bloyd & Thomas Sager | **Test Case Name:** Load Plant Detail Page  **Short Description:** Page should load without errors  **Executed By:** Hannah Bloyd & Thomas Sager |

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

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1 | Click on a plant image | Plant Detail page loaded without errors | Pass | Page loaded Successfully |

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

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| **Test Case#:** 5  **Category:** Database  **Designed By:** Johnny Linder & Thomas Sager | **Test Case Name:** Image API Call  **Short Description:** Pixabay should return image of plant  **Executed By:** Johnny Linder & Thomas Sager |

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

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1 | Launch application | Page loaded without errors | Pass | Page loaded Successfully |
| 2 | Click on plant button | Plant page loads image of each plant without errors | Pass | Page loaded Successfully |

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

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| **Test Case#:** 6  **Category:** Database  **Designed By:** Hannah Bloyd & Thomas Sager | **Test Case Name:** Herbarium API Call  **Short Description:** Herbarium should return data on plants  **Executed By:** Hannah Bloyd & Thomas Sager |

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

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1 | Launch application | Page loaded without errors | Pass | Page loaded Successfully |
| 2 | Click on plant button | Plant page loads image of each plant without errors | Pass | Page loaded Successfully |

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

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| **Test Case#:** 7  **Category:** Data Integrity  **Designed By:** Hannah Bloyd | **Test Case Name:** Information Matching  **Short Description:** Plant data should match between pages  **Executed By:** Hannah Bloyd |

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| 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. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1 | Launch application | Page loaded without errors | Pass | Page loaded Successfully |
| 2 | Click on plant button | Plant page loads image of each plant without errors | Pass | Page loaded Successfully |
| 3 | Click a plant image | Plant detail page loads data for the intended plant, which was clicked on in the Plant page | Pass | Page loaded Successfully |

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