**Heritage Tree Tracker Acceptance Tests**

| **Test #1: Map Viewing** |  |
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| User Story | As a new viewer, I want to view the map so that I can see how many heritage trees there are. |
| Pre-Conditions | Site is loaded |
| Acceptance Criteria | On the main page, I click the ‘Map’ button.  The map page loads, with the map and top bar scaling to the window/browser on the device used.  99% of the time, the trees load within 2 seconds. |
| Critical | Yes, main draw of site |
| Test Result |  |
| Comments | May need some mobile-specific adjustments. |

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| **Test #2: Map Filtering** |  |
| User Story | As a resident of Northwest Portland, I want to view the map and filter out all the trees not in Northwest Portland so that I can see which trees are closest to me. |
| Pre-Conditions |  |
| Acceptance Criteria | On the map page, I click neighborhood filters.  I check ‘North West’ on the dropdown.  I click ‘Redraw’ to update the map.  The map reloads with only the filtered trees within 2 seconds 99% of the time. |
| Critical | Yes |
| Test Result |  |
| Comments |  |

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| **Test #3: Viewing Visited Trees** |  |
| User Story | As a frequent user of the site, I want to view a list of the trees I have visited so that I can see which trees are closest to me. |
| Pre-Conditions | Site is loaded, user is logged in |
| Acceptance Criteria | I click ‘Login’ on any page to log in to my account.  I click ‘Visited’ on the main page.  The visited page loads.  Within 2 seconds 99% of the time, a list of the trees I’ve visited are displayed, along with my achievements at the top. |
| Alternatives | If I click visited and am not logged in, the visited page should display a message telling me to log in to display visited trees.  If I am logged in and have no visited trees, display a message saying I have not visited any trees. |
| Critical | Yes |
| Test Result |  |
| Comments |  |

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| **Test #4: Add Visited Tree** |  |
| User Story | As a frequent user to the site, I want to add a tree to my visited list so that I will know I’ve visited it in the future |
| Pre-Conditions | Site is loaded, user is logged in |
| Acceptance Criteria | I navigate to the map page.  I find the tree I want to mark as visited and view the popup.  I click the button to add the tree to my visited list.  I navigate to the Visited page.  With some scrolling down, the new tree should appear in my visited list. |
| Alternatives | If not logged in, the visited button should give a prompt telling me to log in or simply not be usable. |
| Critical | Yes |
| Test Result |  |
| Comments |  |

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| **Test #5: Add Notes to Visited Tree** |  |
| User Story | As a frequent user of the site, I want to add some notes to a tree I’ve visited so that I can remember what it looks like |
| Pre-Conditions | Site is loaded, user is logged in |
| Acceptance Criteria | I navigate to the Visited page and scroll down to the desired tree.  I type some notes in the text box.  Upon clicking the button to update the entry, the notes should be saved and reappear when reloading the page. |
| Alternatives | If not logged in, the Visited page should be blank, meaning that the option to add notes will not be available |
| Critical | Yes |
| Test Result |  |
| Comments |  |

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| **Test #6: View Achievements** |  |
| User Story | As a frequent user of the site, I want to be able to track how many trees I’ve visited so that I can see how many I have left to see. |
| Pre-Conditions | Site is loaded, user is logged in |
| Acceptance Criteria | I navigate to the Visited page.  My achievements should appear towards the top of the page. |
| Alternatives | A short message will appear instead of achievements if no trees have been visited, the user is not logged in, or a programmer has made a mistake. |
| Critical | No, Visited page can work without achievements |
| Test Result |  |
| Comments | It may be helpful to add a counter showing the number of trees a user has visited. |

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| **Test #7: Search Trees in Map** |  |
| User Story | As a site viewer, I want to search for a specific tree on the map so that I can see if there are any of that kind of tree in Portland. |
| Pre-Conditions | Site is loaded |
| Acceptance Criteria | I navigate to the Map page.  I enter a specific keyword into the search bar (e.g. “Ponderosa Pine”).  Upon activating the search, either through a button of hitting the return key, only trees matching the keyword should appear on the map (e.g. only ponderosa pines are shown). |
| Alternatives | Nothing appears if the keyword doesn’t match anything, possibly showing a message like “No trees found.” |
| Critical | No, basically just more specific filter |
| Test Result |  |
| Comments |  |

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| **Test #8: Sign Up** |  |
| User Story | As a user of the site, I want to make an account so that I can track the trees I’ve visited |
| Pre-Conditions | Site is loaded, user does not have account |
| Acceptance Criteria | I navigate to the Login page and click the sign up button.  Upon giving a valid username and password, my account is created and I am logged in.  Until I sign out or leave the website, I must remain logged in regardless of which page I am on and have access to all the user privileges.  My account must remain accessible for future visits. |
| Alternatives | I should not be allowed to make an account if my username or password do not meet the requirements stated on the sign up page. |
| Critical | Yes |
| Test Result |  |
| Comments |  |

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| **Test #9: Log in** |  |
| User Story | As a user of the site I would like to log in to my account so that I can view and update my information. |
| Pre-Conditions | Site is loaded, user has account |
| Acceptance Criteria | I navigate to the Login page.  I enter my username and password.  If successfully entered, I am logged in.  Until I sign out or leave the website, I must remain logged in regardless of which page I am on and have access to all the user privileges. |
| Alternatives | If I make a mistake entering my username or password, I am not logged in.  If I don’t have an account, I can’t log in. |
| Critical | Yes |
| Test Result |  |
| Comments |  |

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| **Test #10: Navigate to Another Page** |  |
| User Story | As a user of the site, I want to navigate to another page so that I can see something else. |
| Pre-Conditions | Site is loaded |
| Acceptance Criteria | I navigate to another page using either the side bar or the top bar of the map.  That page loads up within 2 seconds 99% of the time. |
| Alternatives | This assumes a fast and stable internet connection. If such conditions don’t apply, then it is reasonable to expect that a new page may take longer to load. |
| Critical | Yes |
| Test Result |  |
| Comments |  |