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| Test Name | | Can path be created | | |
| Use Case Tested: | | Users stops recording a path | | |
| Test Description: | | 1. User starts recording of walk. 2. User presses "STOP RECORDING". | | |
| Pre-conditions | | 1. Android location services has been permitted on the phone. | | |
| Post-conditions | | 1. Prompt “Submit Path?” is displayed. | | |
| Notes: | | This test was done using android emulator. | | |
| Result (Pass /Fail/ Warning/ Incomplete): | | Pass | | |
|  | | | | |
| TEST STEP | | EXPECTED TEST RESULTs |  |  |
| 1 | User starts recording of walk | "STOP RECORDING" button is displayed. |  |  |
| 2 | User presses "STOP RECORDING" button. | Prompt “Submit Path?” is displayed |  |  |

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| Test Name | | Can path be upload and titled user | | |
| Use Case Tested: | | Users stops recording path and uploads path with a title | | |
| Test Description: | | 1. User starts recording of walk 2. User presses "STOP RECORDING". 3. Prompt “Submit Path?” is displayed . 4. User inputs “test path 1” in title text field. 5. User presses “SUBMIT” button. | | |
| Pre-conditions | | 1. Android location services has been permitted on the phone 2. WikiWalks server is running 3. Android phone has access to the internet | | |
| Post-conditions | | 1. Named path is uploaded to WikiWalks server | | |
| Notes: | | <http://35.225.68.6/paths/2> | | |
| Result (Pass/Fail/Warning/Incomplete) | | Pass | | |
|  | | | | |
| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | User starts recording of walk | "STOP RECORDING" button is displayed. |  |  |
| 2 | User presses "STOP RECORDING" | Prompt “Submit Path?” is displayed. |  |  |
| 3 | User inputs in title field “test path 1” |  |  |  |
| 4 | Users Presses “SUBMIT” button. |  |  |  |
| 5 | Path is uploaded to WikiWalks server. |  |  |  |



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| Test Name | | Can path be upload and not titled by user | | |
| Use Case Tested: | | User stops a path recording and submits path without giving it a title | | |
| Test Description: | | 1. User starts recording of walk 2. User Presses "STOP RECORDING" 3. Prompt “Submit Path?” is displayed. 4. User presses submit button | | |
| Pre-conditions | | 1. Android location services has been permitted on the phone 2. WikiWalks server is running 3. Android phone has access to the internet | | |
| Post-conditions | | 1. Path is uploaded to WikiWalks server 2. Path is named after lat and longitude of starting point ”Path at LATITUDE, LONGITUDE" | | |
| Notes: | | <http://35.225.68.6/paths/12> | | |
| Result (Pass/Fail/Warning/Incomplete) | | Pass | | |
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| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | User starts recording of walk | "STOP RECORDING" button is displayed. |  |  |
| 2 | User presses "STOP RECORDING" | prompt appears for user to “Submit path?“ |  |  |
| 3 | Prompt appears for user to name path | User presses “SUBMIT” button |  |  |
| 4 | User presses submit button | Path is Path is uploaded to WikiWalks server |  |  |



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| Test Name | | Can walk be resumed after cancelling submission | | |
| Use Case Tested: | | Path recording is stopped by user then resumed then stoped again then uploaded to server | | |
| Test Description: | | 1. User starts a path recoding session. 2. User presses "STOP RECORDING". 3. Prompt “Submit Path?” is displayed. 4. User presses cancel button. 5. User presses "RESUME RECORDING". 6. User presses "STOP RECORDING" 7. Prompt Appears to “Submit Path?”. 8. User presses “SUBMIT”. | | |
| Pre-conditions | | 1. Android location services has been permitted on the phone 2. WikiWalks server is running 3. User has internet connection | | |
| Post-conditions | | 1. Path is uploaded to WikiWalks server 2. Path is named after lat and longitude of starting point ”Path at LATITUDE, LONGITUDE" | | |
| Notes: | | <http://35.225.68.6/paths/15> | | |
| Result (Pass/Fail/Warning/Incomplete) | | Pass | | |
|  | | | | |
| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | User starts a path recoding session | "STOP RECORDING" button is displayed. |  |  |
| 2 | User presses "STOP RECORDING” | Prompt “Submit Path?” is displayed. |  |  |
| 3 | User presses “CANCEL” button | “RESUME RECORDING” Button is displayed |  |  |
| 5 | User presses “RESUME RECORDING” | "STOP RECORDING" button is displayed. |  |  |
| 7 | User presses “STOP RECORDING” button. |  |  |  |
| 8 | User presses “SUBMIT” button. |  |  |  |
| 9 | Path is uploaded to WikiWalks server |  |  |  |



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| Test Name | | Can WikiWalks path map be displayed using internet connection | | |
| Use Case Tested: | | Application is opened and user has access to internet and location services are turned on | | |
| Test Description: | | 1. User opens application | | |
| Pre-conditions | | 1. Android location services has been permitted on the phone 2. WikiWalks server Running 3. Phone has access to internet | | |
| Post-conditions | | 1. Path map is displayed | | |
| Notes: | | Switch to start recoding also appears however my phone is to small to display it well but its in the right hand corner when i start the application | | |
| Result (Pass /Fail/ Warning/ Incomplete): | | Pass | | |
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| TEST STEP | | EXPECTED TEST RESULTs |  |  |
| 1 | User opens WikiWalks Application | Map of paths in area to appear |  |  |

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| Test Name | | Can WikiWalks path map be displayed without internet connection | | |
| Use Case Tested: | | Application is opened. However user does not have access to internet | | |
| Test Description: | | 1. User opens application | | |
| Pre-conditions | | 1. Android phone not got access to the internet | | |
| Post-conditions | | 1. Path map not displayed 2. Notification “Failed to get paths” is shown | | |
| Notes: | |  | | |
| Result (Pass /Fail/ Warning/ Incomplete): | | Pass | | |
|  | | | | |
| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | User opens WikiWalks Application | Notification “Failed to get paths” is shown |  |  |

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| Test Name | | Can path be uploaded without an Internet Connection | | |
| Use Case Tested: | | Path recorded without internet connection | | |
| Test Description: | | 1. User starts recording of walk 2. User Presses "STOP RECORDING" 3. User presses "SUBMIT" button | | |
| Pre-conditions | | 1. Android location services has been permitted on the phone 2. Mobile data on phone has been turned off 3. Wifi on phone has been turned off | | |
| Post-conditions | | 1. Notification “Failed to get paths” is shown 2. “Failed to upload path” notification" displayed 3. “Failed to submit” notification displayed | | |
| Notes: | |  | | |
| Result (Pass /Fail/ Warning/ Incomplete): | | Pass | | |
|  | | | | |
| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | Starts a path recoding session | "STOP RECORDING" button appears |  |  |
| 2 | Users Presses Stop Recording Button | Prompt Appears to “Submit Path?” |  |  |
| 3 | Users presses submit button | “Failed to upload path notification" appears    Failed to submit notification appears |  |  |

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| Test Name | | Can path be uploaded with internet but recording started without internet | | |
| Use Case Tested: | | Path Submission | | |
| Test Description: | | 1. start recording 2. Turn Wireless connection back on 3. Turn mobile data back on 4. Return to WikiWalks Application 5. User presses “STOP RECORDING BUTTON” 6. User submits path | | |
| Pre-conditions | | 1. Android location services has been permitted on the phone 2. Mobile data on phone has been turned off 3. Wifi on phone has been turned off | | |
| Post-conditions | | 1. Path is uploaded to WikiWalks server 2. Path is named after lat and longitude of starting point ”Path at LATITUDE, LONGITUDE" | | |
| Notes: | | To demonstrate that location services still work i have uploaded 2 pics from the stop recording step to show that the mobile moved. | | |
| Result (Pass /Fail/ Warning/ Incomplete): | | Pass | | |
|  | | | | |
| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | Starts a path recoding session | "STOP RECORDING" button appears    Demonstration that location services continue to work |  |  |
| 2 | User turns mobile data on |  |  |  |
| 3 | Returns to wiki walks and turn Users turns wifi on |  |  |  |
| 4 | Users Presses stop recording | Prompt Appears to “Submit Path?” |  |  |
| 5 | USER PRESSES SUBMIT BUTTON |  |  |  |
| 6 | Walk is uploaded to server | <http://35.225.68.6/paths/16> |  |  |

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| Test Name | | Can the server set time created to the servers time if the date on the phone is set forward one day | | |
| Use Case Tested: | | Date on phone moved forward one day then path recorded and uploaded | | |
| Test Description: | | 1. User starts recording of walk 2. User Presses "STOP RECORDING" 3. Prompt “Submit Path?” is displayed. 4. User presses submit button | | |
| Pre-conditions | | 1. Android location services has been permitted on the phone 2. WikiWalks server is running 3. Android phone has access to the internet 4. Phone has Date set forward one day 9/6/2020 | | |
| Post-conditions | | 1. Path is uploaded to WikiWalks server 2. Path Time created is set to servers time | | |
| Notes: | | I will Display the time code as a readable format at the bottom of this table  <http://35.225.68.6/paths/17> | | |
| Result (Pass /Fail/ Warning/ Incomplete): | | Pass | | |
|  | | | | |
| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | User Starts Recording. | "STOP RECORDING" button is displayed. |  |  |
| 2 | User Presses "STOP RECORDING" | Prompt “Submit Path?” is displayed. |  |  |
| 3 | User presses "SUBMIT" button |  |  |  |
| 4 | Path is uploaded to WikiWalks server |  |  |  |

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| --- | --- | --- | --- | --- |
| Test Name | | Can Path be created with out using location services | | |
| Use Case Tested: | | Location services on phone turned off and path is then recorded | | |
| Test Description: | | 1. WikiWalks Opened 2. User starts recording of walk 3. User Presses "STOP RECORDING" 4. Prompt “Submit Path?” is displayed. 5. User presses submit button | | |
| Pre-conditions | | 1. Location on phone has been turned off 2. WikiWalks server is running 3. Android phone has access to the internet | | |
| Post-conditions | | 1. Path is uploaded to WikiWalks server | | |
| Notes: | | This test failed at step 2 | | |
| Result (Pass /Fail/ Warning/ Incomplete): | | Fail | | |
|  | | | | |
| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | WikiWalks Opened | Path Maps displayed |  |  |
| 2 | User Starts Recording. | "STOP RECORDING" button is displayed. |  |  |

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| Test Name | | Can Path resumed but at large distance away from where it it was stoped | | |
| Use Case Tested: | | Location services on phone turned off and path is then recorded | | |
| Test Description: | | 1. User starts recording of walk 2. User Presses "STOP RECORDING" 3. Prompt “Submit Path?” is displayed. 4. User Moves and presss CANCEL recording of walk 5. User presses “RESUME RECORDING”. 6. Screen stays static as user cant resume walk when they are large distance away from start | | |
| Pre-conditions | | 1. Location on phone has been turned ON 2. WikiWalks server is running 3. Android phone has access to the internet | | |
| Post-conditions | | 1. Resume path stays as resume path and does not update to “STOP RECORDING” | | |
| Notes: | | This test failed at step 2 | | |
| Result (Pass /Fail/ Warning/ Incomplete): | | Pass | | |
|  | | | | |
| **TEST STEP** | | **EXPECTED TEST RESULTs** |  |  |
| 1 | User starts recording of walk | "STOP RECORDING" button is displayed. |  |  |
| 2 | User Presses "STOP RECORDING" | Prompt “Submit Path?” is displayed. |  |  |
| 3 | User presses “CANCEL” button | “RESUME RECORDING" is displayed |  |  |
| 4 | User presses “RESUME RECORDING" | Screen remains unchanged |  |  |