|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | | TagT4 | **Test Case Description** | | Test the duration of the tag’s execution time powered with a powerbank | | |
| **Created By** | | Pedro | **Version** | | 1.0 | | |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Date Tested** | | 16-Aug-2022 | | **Test Case (Pass/Fail/Not Executed)** | | Pass |
|  |  |  |  |  |  |  | |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | |
| 1 | Powerbank fully charged | | |  | 1 | TagName = tagT4 | |
| 2 | Tag data saved in the flash memory | | |  | 2 | WIFIinterval = 1000 | |
| 3 | Internet Access | | |  | 3 | BLEinterval = 2000 | |
| 4 | Webserver online | | |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Test Scenario** | A powerbank-powered tag is left in an open environment with Internet Access, while the webserver is being monitored for the time at which the tag starts to post data and when it last posted data. | | | | | | |  |  |  |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | **Pass / Fail / Not executed / Suspended** |
|
| 1 | Connect the Tag to the Powerbank | | The powerbank turns blue when it is working | | As Expected | | Pass |
| 2 | Navigate to http://ils.dsi.uminho.pt/viewData | | Site should open | | As Expected | | Pass |
| 3 | Enter TagName | | Credential can be entered | | As Expected | | Pass |
| 4 | Click Submit | | Initial tag data is displayed | | As Expected | | Pass |
| 5 | Record initial tag data | | - | | 2022-08-16 16:50:46 | | Pass |
| 6 | Wait until the powerbank is completely discharged | | Powerbank stops displaying blue color | | As Expected | | Pass |
| 7 | Click Submit | | Final tag data is displayed | | As Expected | | Pass |
| 8 | Record final tag data | | - | | 2022-08-17 00:28:29 | | Pass |
| 9 | Calculate tag’s execution time | | - | | 7 hours 37 minutes 43 seconds | | Pass |
| **Test Case ID** | | TagT4 | **Test Case Description** | | Test the duration of the tag’s execution time powered with a powerbank | | |
| **Created By** | | Pedro | **Version** | | 2.0 | | |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Date Tested** | | 18-Oct-2022 | | **Test Case (Pass/Fail/Not Executed)** | | Pass |
|  |  |  |  |  |  |  | |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | |
| 1 | Powerbank fully charged | | |  | 1 | TagName = tagT4 | |
| 2 | Tag data saved in the flash memory | | |  | 2 | WIFIinterval = 1000 | |
| 3 | Internet Access | | |  | 3 | BLEinterval = 2000 | |
| 4 | Webserver online | | |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Test Scenario** | A powerbank-powered tag is left in an open environment with Internet Access, while the webserver is being monitored for the time at which the tag starts to post data and when it last posted data. | | | | | | |  |  |  |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | **Pass / Fail / Not executed / Suspended** |
|
| 1 | Connect the Tag to the Powerbank | | The powerbank turns blue when it is working | | As Expected | | Pass |
| 2 | Navigate to http://ils.dsi.uminho.pt/viewData | | Site should open | | As Expected | | Pass |
| 3 | Enter TagName | | Credential can be entered | | As Expected | | Pass |
| 4 | Click Submit | | Initial tag data is displayed | | As Expected | | Pass |
| 5 | Record initial tag data | | - | | 2022-10-18 14:53:00 | | Pass |
| 6 | Wait until the powerbank is completely discharged | | Powerbank stops displaying blue color | | As Expected | | Pass |
| 7 | Click Submit | | Final tag data is displayed | | As Expected | | Pass |
| 8 | Record final tag data | | - | | 2022-10-18 20:47:16 | | Pass |
| 9 | Calculate tag’s execution time | | - | | 5 hours 54 minutes 16 seconds | | Pass |
| **Test Case ID** | | TagT4 | **Test Case Description** | | Test the duration of the tag’s execution time powered with a powerbank | | |
| **Created By** | | Pedro | **Version** | | 3.0 | | |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Date Tested** | | 19-Oct-2022 | | **Test Case (Pass/Fail/Not Executed)** | | Pass |
|  |  |  |  |  |  |  | |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | |
| 1 | Powerbank fully charged | | |  | 1 | TagName = tagT4 | |
| 2 | Tag data saved in the flash memory | | |  | 2 | WIFIinterval = 1000 | |
| 3 | Internet Access | | |  | 3 | BLEinterval = 2000 | |
| 4 | Webserver online | | |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Test Scenario** | A powerbank-powered tag is left in an open environment with Internet Access, while the webserver is being monitored for the time at which the tag starts to post data and when it last posted data. | | | | | | |  |  |  |  |
|  |  |  |  |  |  |  | |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | **Pass / Fail / Not executed / Suspended** |
|
| 1 | Connect the Tag to the Powerbank | | The powerbank turns blue when it is working | | As Expected | | Pass |
| 2 | Navigate to http://ils.dsi.uminho.pt/viewData | | Site should open | | As Expected | | Pass |
| 3 | Enter TagName | | Credential can be entered | | As Expected | | Pass |
| 4 | Click Submit | | Initial tag data is displayed | | As Expected | | Pass |
| 5 | Record initial tag data | | - | | 2022-10-19 10:34:04 | | Pass |
| 6 | Wait until the powerbank is completely discharged | | Powerbank stops displaying blue color | | As Expected | | Pass |
| 7 | Click Submit | | Final tag data is displayed | | As Expected | | Pass |
| 8 | Record final tag data | | - | | 2022-10-19 16:03:36 | | Pass |
| 9 | Calculate tag’s execution time | | - | | 5 hours 29 minutes 32 seconds | | Pass |