

AUTOMADB

**Release Notes Version 2.0**

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| --- | --- | --- |
|  | Percentage | Test Cases |
|  |
| **Passed** | 100% | 54 |
| **Failed** | 0% | 0 |

During this sprint the all of the test cases that were executed on the current build passed. Three regression tests were executed.

During the first regression tests there were several adb errors with the remote STF device, causing every test that used any adb method to fail. The methods were adjusted to contemplate these cases.

During the second regression tests the previous test cases regarding the ADB methods now passed, however methods regarding calls to national numbers failed because of the developer no executing the test from another country (Bolivia). For better execution, the assumption to being in Mexico for a national number changed to Bolivia, and the validations changed as such.

After further modifications during the last regression test 100% of the test cases passed.

##### **Evaluation**

##### The android testing framework AutomADB (v2.0) underwent comprehensive testing with several bugs and issues being observed. The previous test cases were executed with the new functionality, the OpenSTF compatibility, where the execution was made to a remote device. Correction and regression testing were conducted during this sprint which ultimately allowed 100% of the test cases to pass.

##### **Exit Criteria**

##### All of the test cases created must be executed

##### All of the defects in Critical severity should be verified and closed

##### **Bug Reports**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **BUG** | **Description** | **Test case** | **Date** | **Status** |
| BG01 | adb connection to STF device prints:*Failed to authenticate* | ----- | 18/05/20 | Workaround |
| BG02 | when running in stf mode, if local phone is connected, adb fails ad prints:*more than one device and emulator* | ----- | 18/05/20 | Solved |
| BG03 | UiAutomator cannot find the Phone app based on description when the app has a notification pending. | TC05 | 18/05/20 | Solved |
| BG04 | Invalid national number validation when in another country. | TC05 | 18/05/20 | Solved |
| BG05 | Call ended early because of invalid Carrier, not giving time to recognize end call button. | TC05 | 18/05/20 | Soved |
| BG06 | Call ended early because of 0$ in balance for calls | TC05 | 18/05/20 | Solved |

##### **Bug Solutions**

|  |  |
| --- | --- |
| **BUG** | **Solution** |
| BG01 | The message is an adb bug. Despite the message, the device is successfully connected. It is still an open issue.Ref: <https://github.com/openstf/stf/issues/973> |
| BG02 | The adb methods now use the currently used serial as parameter, so the confusion is avoided even if there are local devices connected. |
| BG03 | Changed the parameter used to find the element, from ‘description’ to ‘text’. |
| BG04 | Changed the validation methods to adjust to the fact that the national numbers are now bolivian numbers. |
| BG05 | Changed SIM card to a bolivian from mexican (Movistar) to bolivian (TIGO). |
| BG06 | Charged some balance to number, so I can make calls. |

##### **Conclusion**

##### As the exit criteria were met the framework is suggested to continue to the next development phase. No bugs or issues present a risk the framework system as a whole. The issues that were presented were logged, raised, and resolved.