# ***Application Test***

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| Test Case | Expected Result | Actual Result | Device Type | Verified | Methods |
| The main activity is exists like logo is loaded on the screen and a button | The main activity was loaded as expected | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testActivityExists() |
| Check to see that the button is exist | The button is loaded on the screen as expected | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testButtonExists() |
| User presses  the ‘find  location’  button. | it should guide the user directly to the map activity page | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testStartActivity() |

# ***MapsActivity Test***

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| Test Case | Expected Result | Actual Result | Device Type | Verified | Methods |
| the maps activity is exists. The map is loaded and a button | The maps activity is loaded as expected | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testActivityExists() |
| User attempts  to load the map  activity with  WIFI/Mobile  data turned off. | The application should show an appropriate error message requesting the user to turn on the internet connection. | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testConnectiontest() |
| User attempts  to load the map  activity with  location(GPS)  turned off. | The application should show an appropriate error message and provide the option to turn on the location. | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testGPS() |
| Request location updates from google | The application requested google to start receiving regular update | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | teststartLocationUpdates() |
| get the parameter for frequency | The application is passed with the highest possible accuracy. | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testcreateLocationRequsts() |
| Checking that if the connection is established or not | The connection is passed a it expected. | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testonConnected() |
| Google Map is  loaded after  initial checks  are carried out. | Google Map was loaded as expected. | **Pass** | Phone and emulator | Automatic verified (Android Instrumentation test) | testonMapReady() |