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1. Introduction

Recording Test scenarios is the fastest approach to perform automation testing whether it is on web or mobile applications, however manually identifying objects on applications is a tedious process.

Using TestingWhiz Mobile Recorder feature, user can easily record and run automated scripts from Recorded Actions.

2. Pre-requisites

- Android Studio Installation

  In order to work with Mobile Recorder, it is required to have Android Studio installed in your machine.

  [Download Android Studio]

- Set Environment Variable

  - Set ANDROID_HOME and path for platform-tools to configure Android in your system
  - Restart the TestingWhiz Application

3. Configurations

Follow the below Steps to record your Test cases with TestingWhiz Mobile recorder:

Step 1: Click on ‘Mobile Recorder’ to start recording, from record functionality available on tool bar

*Note:*

1. To begin recording, it is required to have either emulator or any real device to be active
2. It is required to start recording with ‘Install App’ command under Test commands → Mobile

[Click on Mobile Recorder to start recording]
Install application

<table>
<thead>
<tr>
<th>No.</th>
<th>Test Command</th>
<th>Action</th>
<th>Object</th>
<th>Value</th>
<th>Screenshot</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobile</td>
<td>Install App</td>
<td></td>
<td></td>
<td></td>
<td>Install application on Device</td>
</tr>
</tbody>
</table>

Step 2: Connect/Disconnect Device from the available list of devices connected via USB cable

List of available Android devices

<table>
<thead>
<tr>
<th>DeviceID</th>
<th>Device Name</th>
<th>Type</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>emulator-5504</td>
<td>Android_SDK built_for_x86</td>
<td>Emulator</td>
<td>Connected</td>
</tr>
<tr>
<td>emulator-5506</td>
<td>Android_SDK built_for_x86</td>
<td>Emulator</td>
<td>Idle</td>
</tr>
</tbody>
</table>

Click on ‘connect’ to connect the device

Click on ‘Disconnect’ to disconnect the device

List of Android devices includes the below details

- Device ID
- Device Name
- Type (emulator or Real device)
- Status (Connected, offline, Idle, unauthorized)
Step 3: Click the ‘Device Screenshot’ icon to load application GUI on TestingWhiz Viewer

As shown in the above image, on the right side of the window there are two panels

- Upper Panel ‘UI Object’ includes the node hierarchy the way UI components are arranged
- Clicking on each node gives properties of UI elements in the lower Panel ‘UI Node detail’

Step 4: A screenshot of the device screen opens on the Viewer
Step 5: Select the element, once the element is selected, the available actions dialog box will be enabled on double click as shown below.

For e.g. Click on Tap to perform Tap action, once tap action was performed, it will be listed in the Test Editor as a Recorded action.

- Tap

Recorded Actions
Select Input and enter the user input as shown below

Select and swipe the element to Record swipe action using Mobile Recorder

Step 6: After finishing with your desired list of actions, you can stop the recording by clicking on the ‘Record’ button provided in the tool Bar.
Step 7: Execute the recorded Test case on Android by clicking on the ‘Execute’ button shown below.