

Creating Automation Testing Tool for mobile applications

I tried to create **Automation Testing Tool** which is used for *testing mobile application automatically*.

To create Automation Testing Tool, I combined **DroidBot** (link: <https://github.com/honeynet/droidbot>) and **Loading Time API**

Responsibilities of **Automation Testing Tool**:

- Installing mobile app

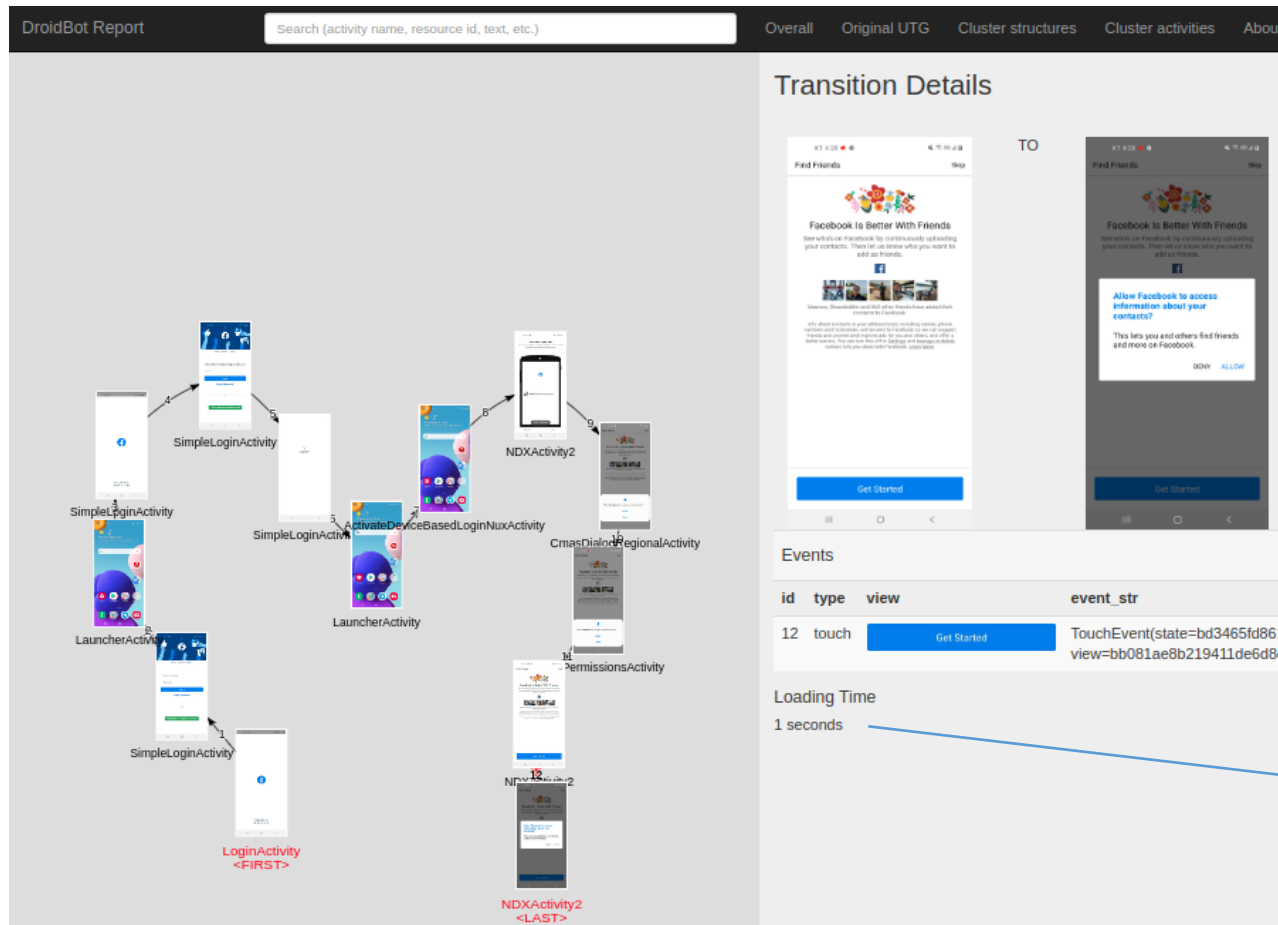
- Touching all clickable objects (image, icon, ...)

- Finding total loading time (Connecting with Loading Time API)

- Showing all result after testing mobile application

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Output result of Automation Tool



Output result of “facebook.apk” after testing by **DroidBot** and **Loading Time API**

State 11 to State 12

Result = 1 seconds

Result means that Loading time API found only *one loading image* from **State 11** to **State 12**

Please enter to download video for knowing how Automation Tool works (**Instagram is used for testing**):

Video link : https://github.com/aavuzb/project_videos/raw/main/DroidBot_Loading_Time_API.avi