

## EC 601 HW2 Amazon Device Farm Unit Testing :

I built three apps for Hw2. The basic Tutorial app from Android Studio Documentation, a Login Register app using Firebase Authentication and implemented a Firebase Chat App.

Run	Test results	Test Type	Created	Total minutes
Tutorial	4 failed, 11 passed	Built-In: Explorer	2017-12-08T00:25-0500	00:16:09
Chat app	15 passed	Built-In: Explorer	2017-12-08T00:21-0500	00:17:35
Login Register	4 failed, 11 passed	Built-In: Explorer	2017-12-08T00:18-0500	00:15:58

### Amazon Report for Tutorial App:

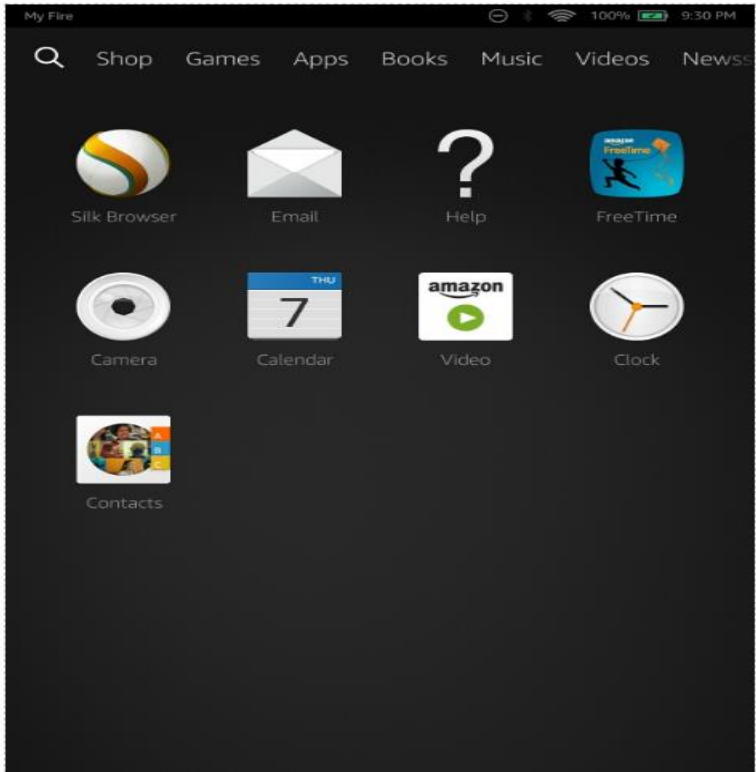
Device	Test results	Total minutes
Amazon Kindle Fire HDX 7 (2013)	4.4.3  1 failed, 2 passed	00:02:46
LG G Pad 7.0" (AT&T)	4.4.2  1 failed, 2 passed	00:03:18
Samsung Galaxy S5 (T-Mobile)	4.4.2  1 failed, 2 passed	00:03:25
Samsung Galaxy S6 (Verizon)	6.0.1  3 passed	00:02:55
Samsung Galaxy Tab 4 10.1" (WiFi)	4.4.2  1 failed, 2 passed	00:03:43

The app ran perfectly for Samsung Galaxy S6 which has an Android version of 6.0.1. The app did not run on devices having version 4.4.2 and 4.4.3. Also it did not run on Tablets. That is probably because of the display specifications.

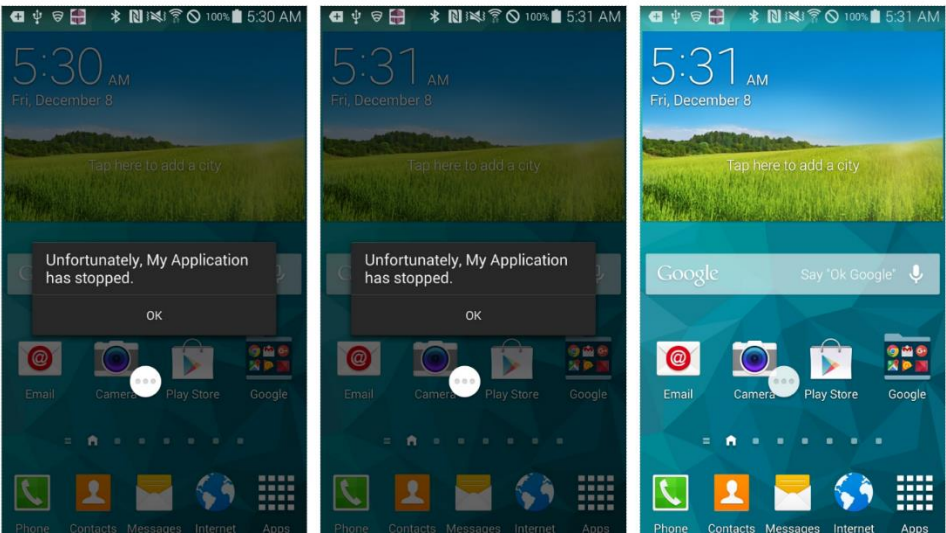
## LG G Pad 7.0" (AT&T) 4.4.2



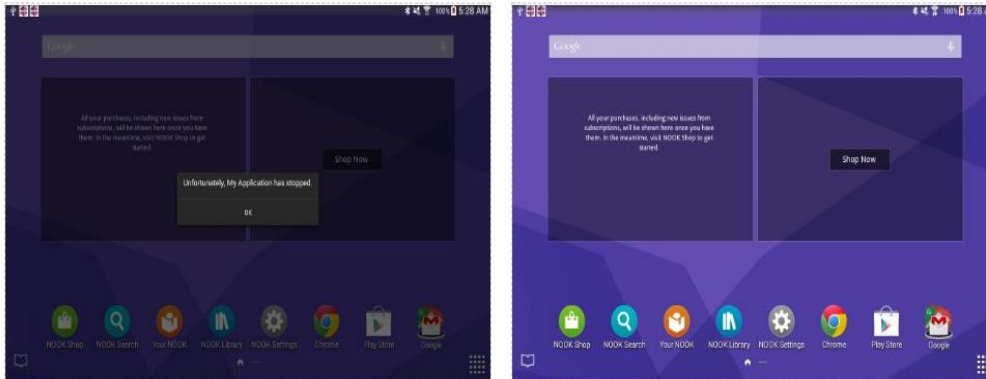
Amazon Kindle Fire HDX 7 (2013) 4.4.3



Samsung Galaxy S5 (T-Mobile) 4.4.2



## Samsung Galaxy Tab 4 10.1" (WiFi) 4.4.2



## Firebase Auth App:

Device Farm

Project: EC601

Run: Login Register

Learn more about unlimited testing

Dishant

Support

Login Register

Scheduled at: Dec 8, 2017 12:18:40 AM

4 FAILED

11 PASSED

Unique problems

Devices

Screens

11 passed

Parsing result

Unique problems

4 Unique failures found

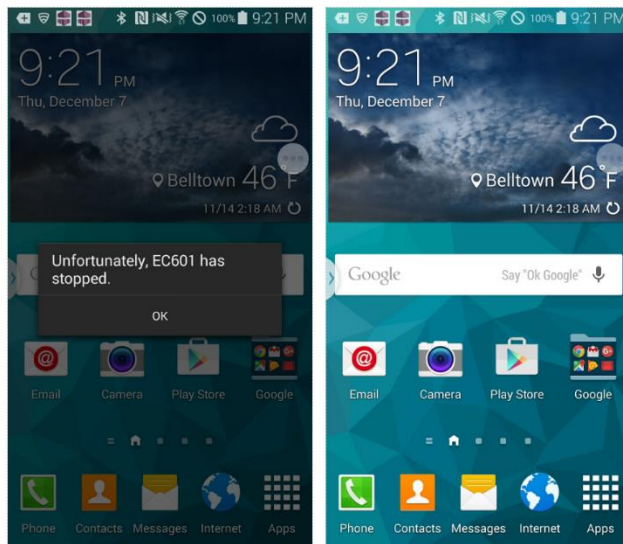
AppExplorer version: 9, Package: com.example.pdish.ec601, Launchable: com.example.pdish.ec601.MainActivity, Label: ZZApplicationLabel 1. ...

AppExplorer version: 9, Package: com.example.pdish.ec601, Launchable: com.example.pdish.ec601.MainActivity, Label: ZZApplicationLabel 1. ...

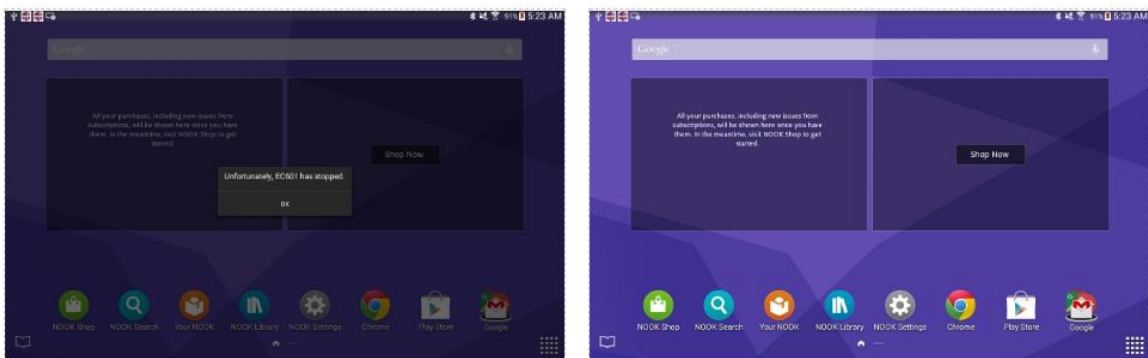
AppExplorer version: 9, Package: com.example.pdish.ec601, Launchable: com.example.pdish.ec601.MainActivity, Label: ZZApplicationLabel 1. ...

Explorer detected crash: RETRYABLE\_NOT\_AVAILABLE

Samsung Galaxy S5 (T-Mobile) 4.4.2




Samsung Galaxy Tab 4 10.1" (WiFi) 4.4.2



This app faced similar problems as the first one.

## Chat App:

This app passed all the tests.

 Chat app






Scheduled at: Dec 8, 2017 12:21:06 AM

15 PASSED

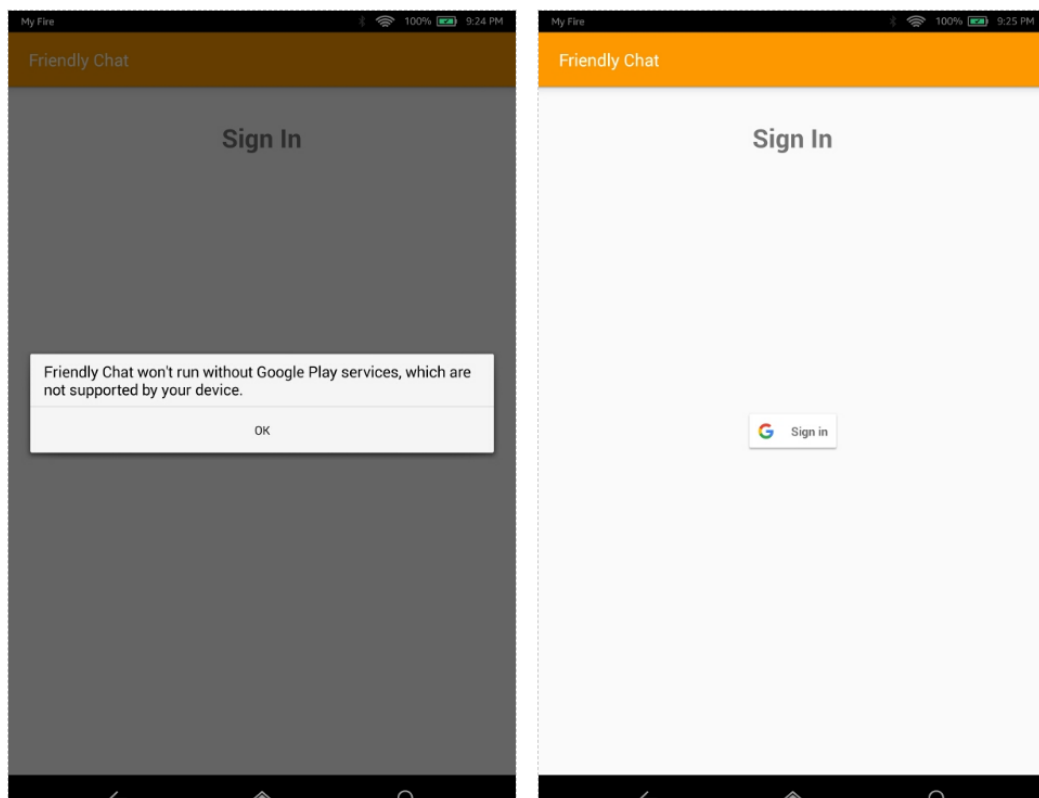
Congratulations! All tests passed on all devices.

DevicesScreenshotsParsing result

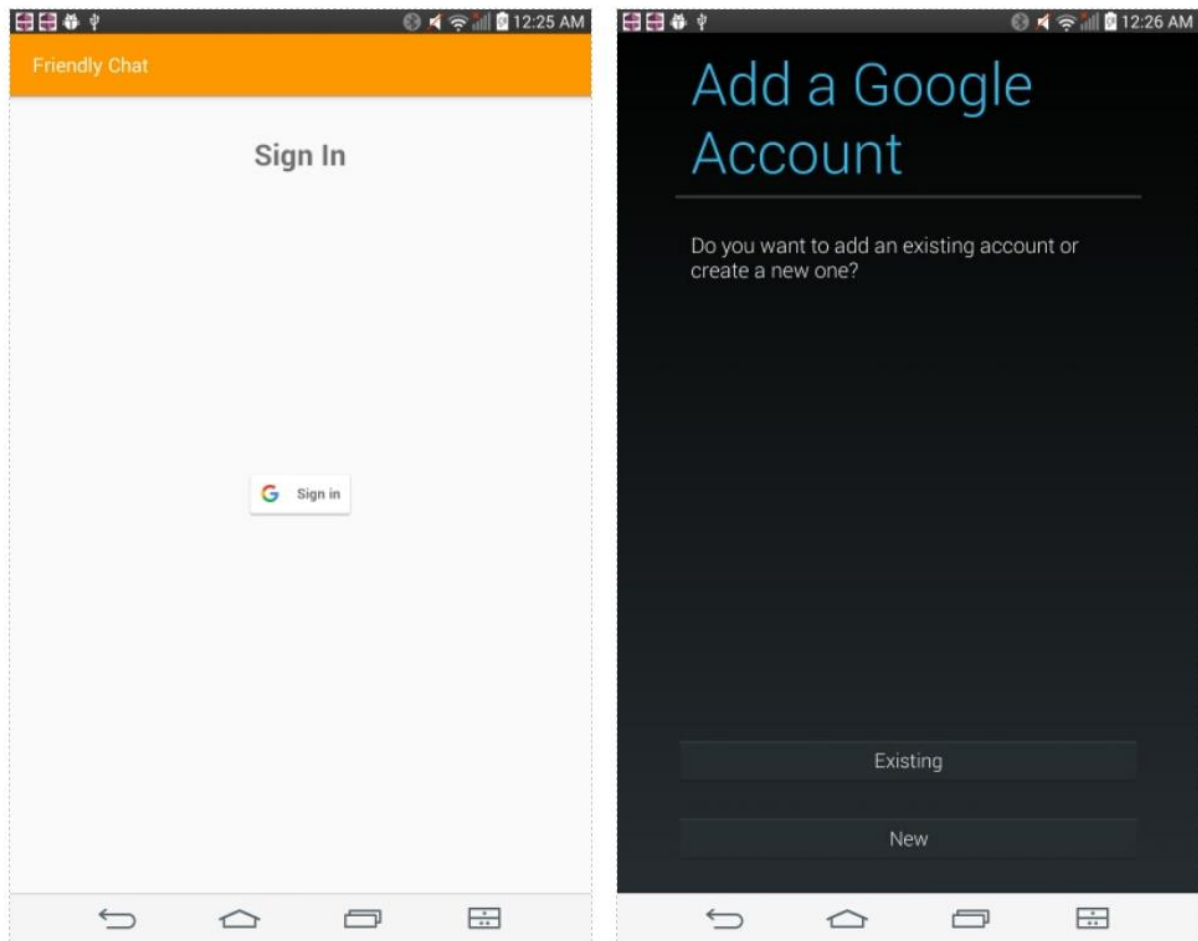
Devices

Device	Test results	Total minutes
Amazon Kindle Fire HDX 7 (2013)	4.4.3 	00:03:07
LG G Pad 7.0" (AT&T)	4.4.2 	00:03:33
Samsung Galaxy S5 (T-Mobile)	4.4.2 	00:03:43
Samsung Galaxy S6 (Verizon)	6.0.1 	00:03:04
Samsung Galaxy Tab 4 10.1" (WiFi)	4.4.2 	00:04:05

### Amazon Kindle Fire HDX 7 (2013) 4.4.3



LG G Pad 7.0" (AT&T) 4.4.2



Samsung Galaxy Tab 4 10.1" (WiFi) 4.4.2

