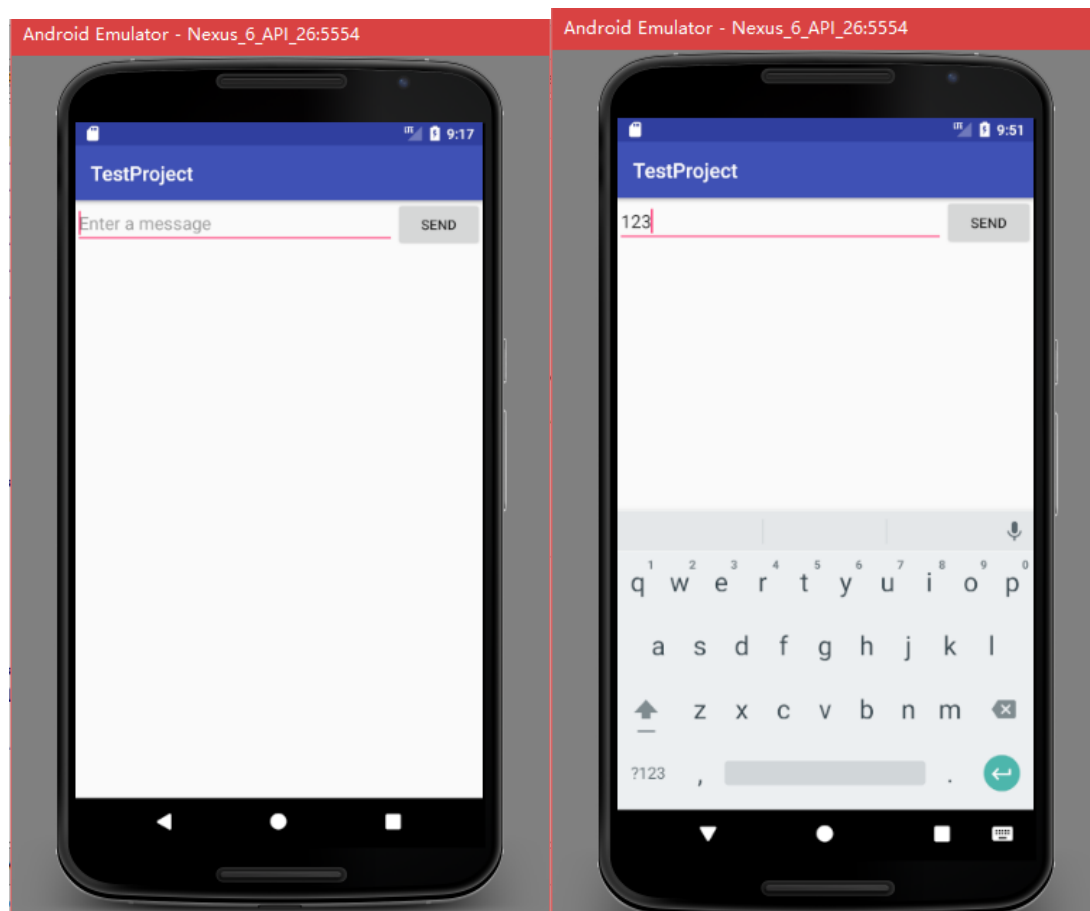


HW3 Report

My homework 2 consists of two parts. The first part is an implementation of an example android application. Its function is to receive an import and after press 'send' , show the letters on a new page.

Part I. Black Box Testing

Test ID	Test Scenario	Components involved	Platform	Test steps	Actual Results	Pass/Fail	Priority
1	Type in	Input	Nexus 6	Click on the 'enter a message' and type anything	Successfully entered '123'	Pass	High
2	Generate a new page and pass information to the page	Connection between different activities	Nexus 6	Click on send	Showed '123' on a new page	Pass	High



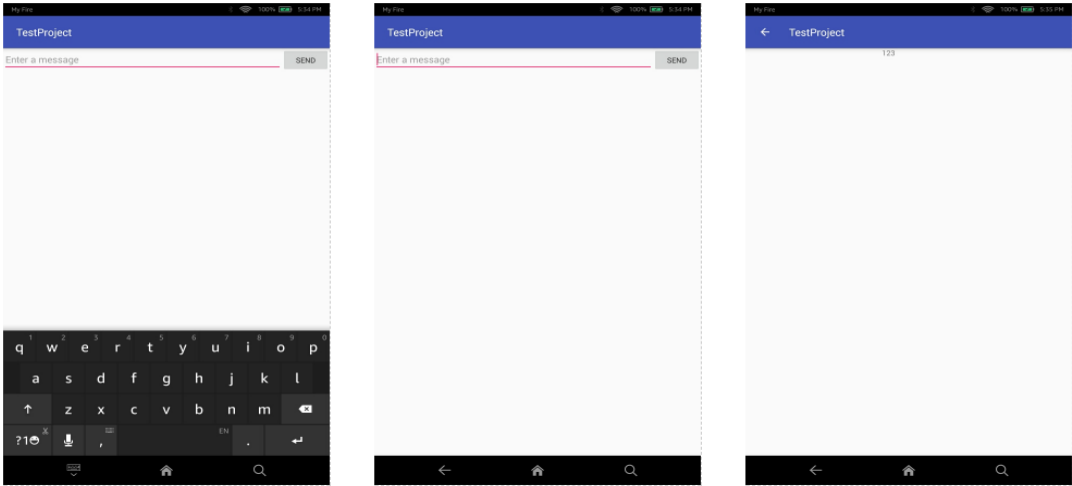


Part II: Automated Testing:

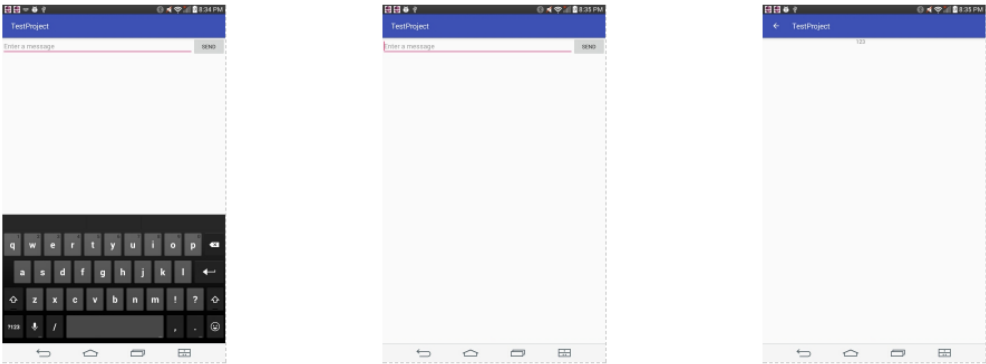
I used AWS for automated testing. The application was tested on Amazon Kindle Fire HDX7, LG G Pad, Samsung Galaxy S5,6 and Tab 4. The testing is quite successfully. The first two images of each tests corresponding to the front page and the texting interface. The third image appears when the send button is pressed and returns a new page. I listed the corresponding results.

Device		Test results	Total minu...
✓ Amazon Kindle Fire HDX 7 (2013)	4.4.3		00:03:33
✓ LG G Pad 7.0" (AT&T)	4.4.2		00:03:50
✓ Samsung Galaxy S5 (T-Mobile)	4.4.2		00:04:04
✓ Samsung Galaxy S6 (Verizon)	6.0.1		00:02:55
✓ Samsung Galaxy Tab 4 10.1" (WiFi)	4.4.2		00:04:17

Amazon Kindle Fire HDX 7 (2013) 4.4.3

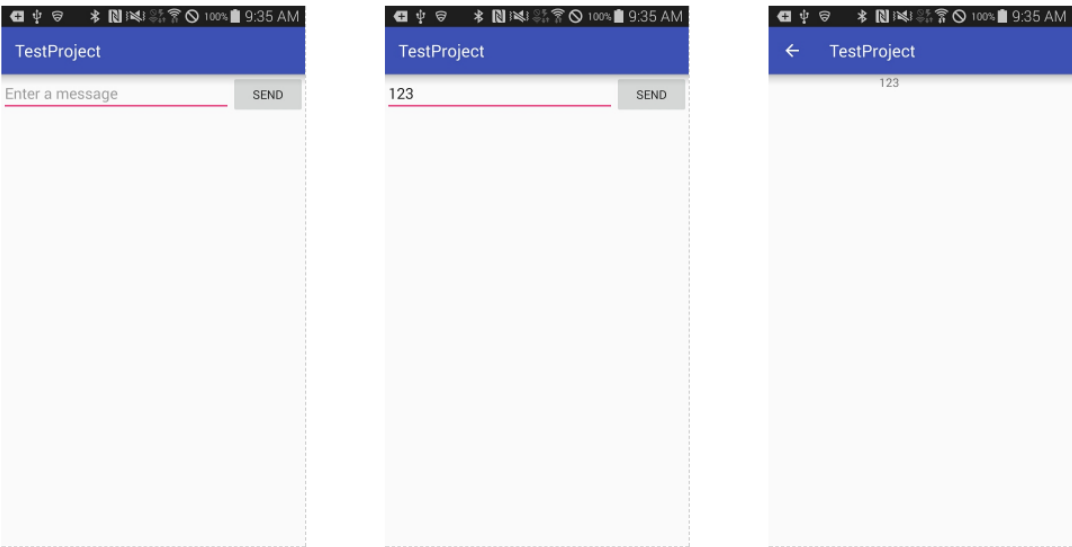


LG G Pad 7.0" (AT&T) 4.4.2

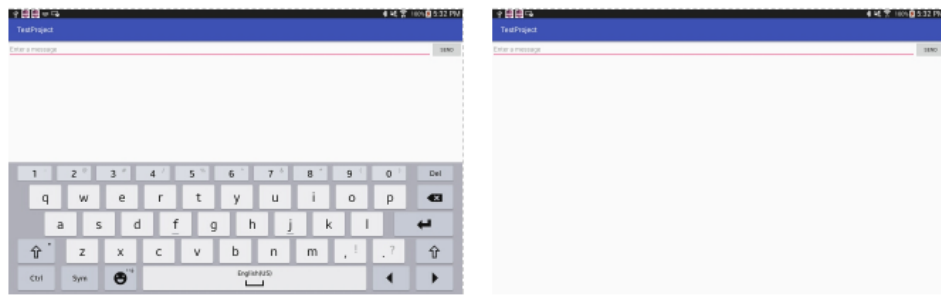


Samsung Galaxy S5 (T-Mobile) 4.4.2

Samsung Galaxy S5 (I-Mobile) 4.4.2



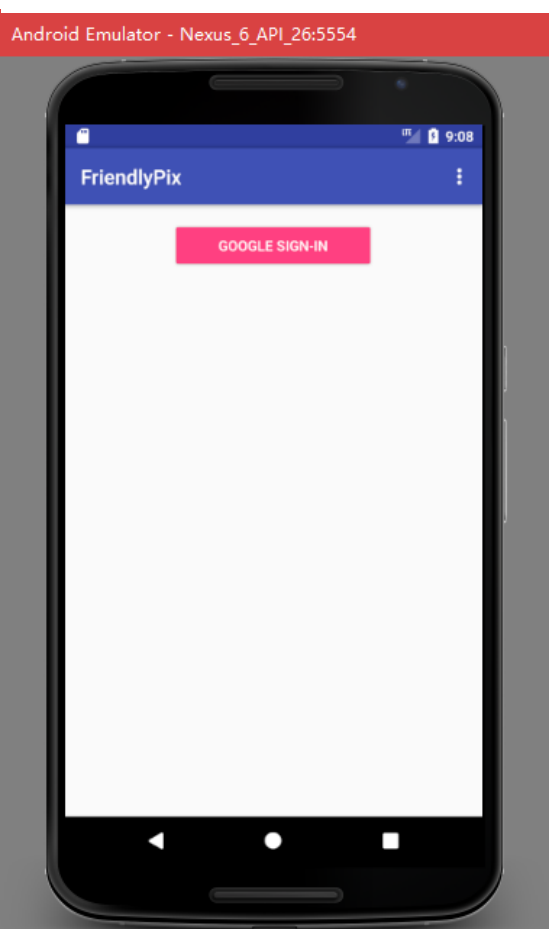
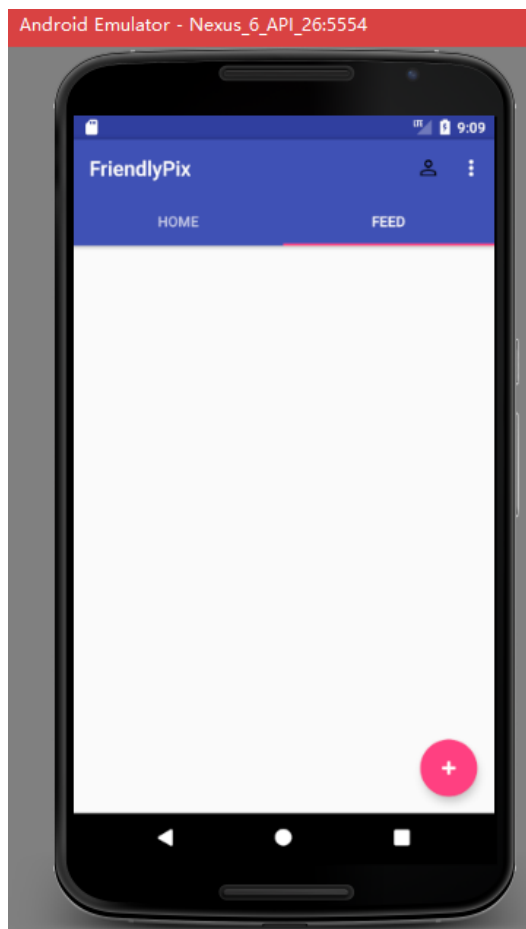
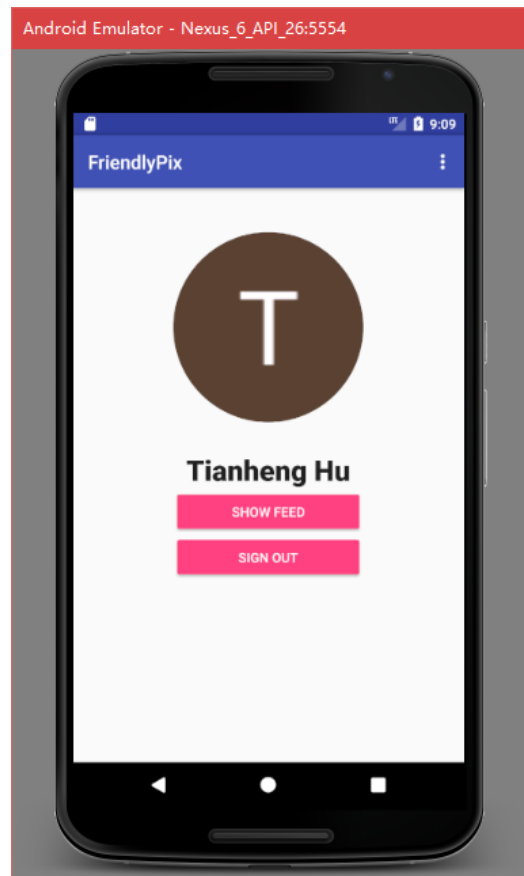
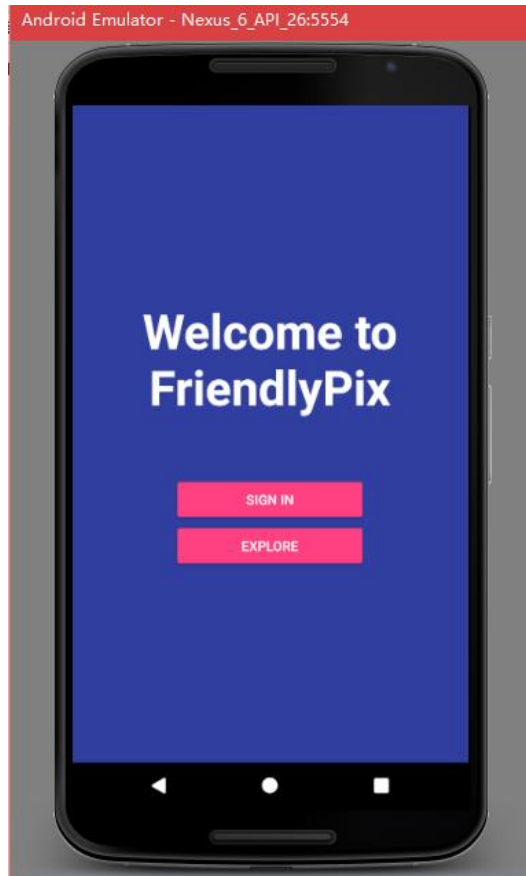
Samsung Galaxy Tab 4 10.1" (WiFi) 4.4.2



The second part of my project is to integrate Firebase into my project. First, user can sign in using their google account, and check the feedback of their image from others.

Part I: Black Box testing

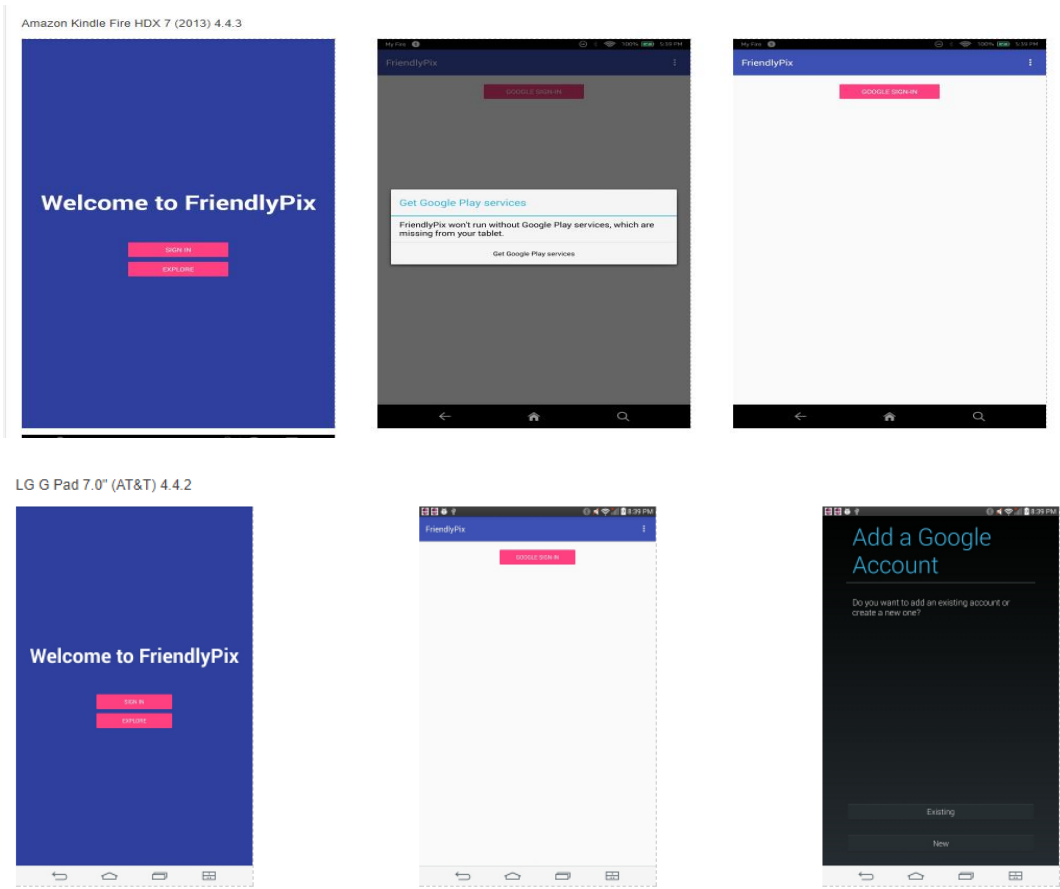
Test ID	Test Scenario	Components involved	Platform	Test steps	Actual Results	Pass/Fail	Priority
1	Log in Firebase	Firebase connection	Nexus 6	Click sign-in and type in google account information	Successfully logged in and showed the user name	Pass	High
2	Check the feedback of photos	Firebase storage	Nexus 6	Click on feedback	No feedback returned	Fail	Medium



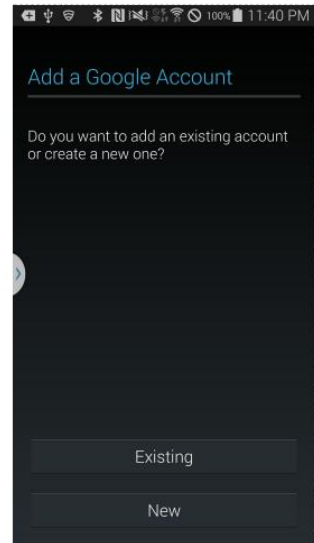
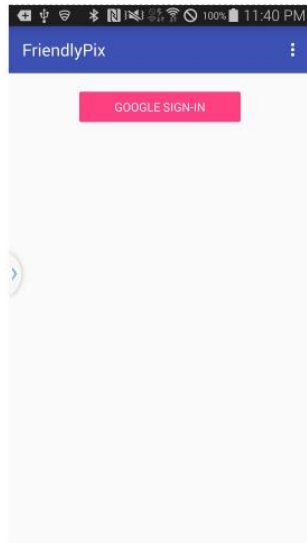
Part II: Automated Testing:

I used AWS for automated testing. The application was tested on Amazon Kindle Fire HDX7, LG G Pad, Samsung Galaxy S5,6 and Tab 4. The testing is not quite successfully, because all of them did not log into my google account successfully, so they cannot test the following steps. I listed the corresponding results.

Device	Test results	Total minu...
Amazon Kindle Fire HDX 7 (2013)	4.4.3 	00:03:33
LG G Pad 7.0" (AT&T)	4.4.2 	00:03:50
Samsung Galaxy S5 (T-Mobile)	4.4.2 	00:04:04
Samsung Galaxy S6 (Verizon)	6.0.1 	00:02:55
Samsung Galaxy Tab 4 10.1" (WiFi)	4.4.2 	00:04:17



Samsung Galaxy S5 (T-Mobile) 4.4.2



Samsung Galaxy Tab 4 10.1" (WiFi) 4.4.2

