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HW5: Unit Test

App Tested:

First_App

https://github.com/jafallac/Homework_2_Android

Environment Description:

The hardware platform used was my computer. The software platforms I tested with were Android Studio and Amazon Web Services.

SW Version:

Android Studio 1.0

Notes:

The tests were done on an emulated on a Pixel API 25 in Android Studio.

AWS's Device Farm tested the app's apk file (app-debug.apk) using Amazon Kindle Fire HDX 7 (2013), LG G Pad 7.0" (AT&T), Samsung Galaxy S5 (T-Mobile), Samsung Galaxy S6 (Verizon), and Samsung Galaxy Tab 4 10.1" (WiFi).

Part 1:

Test Runs:

Test ID	Test Scenario	Components Involved	Platform	Test StepsTest Description (Steps)	Expected Results	Actual Results	Pass/Fail	Priority
Unique ID for every test case	Title that describes what you are testing	if needed, describe components involved in your test	For example: Samsung S7, Android iOS Safari Browser IE, etc.	Step by step description for the test in order to be able to reproduce results	Description of expected results	Description of results. This can include media to show what happened.	Pass/Fail	Critical High Medium Low
1	Type Sample Words	Android Studio	Android or an Emulator	1.) Launch the app 2.) Delete the default word 3.) Type "Hello" in the text box 4.) Press Button 5.) Repeat Steps 2 through 4 with "Good," and "Android"	The words "Hello," "Good," and "Android" should each show up on the page that pops up for each case	Each word is typed for each case: Hello Good Android	Pass	Critical
2	Type nothing	Android Studio	Android or an Emulator	1.) Launch the app 2.) Press the button	The default word, "name," should show up on the page that pops up.	Name	Pass	Low

3	Blank	Android Studio	Android or an Emulator	1.) Launch the app 2.) Delete the default word 3.) Press the button	The output page should be blank	(blank page)	Pass	Low
4	Type Sample Numbers	Android Studio, AWS Device Farm	Android or an Emulator	1.) Launch the app 2.) Delete the default word 3.) Type "123" 4.) Press the button	Number "123" should be shown	123	Pass	Critical

Part 2:

Date and Time of Test Run: Dec 4, 2017 at 2:00:47 PM

AWS Device Farm Tests:

- Amazon Kindle Fire HDX 7 (2013):
 - a. Deleted default word "name"
 - b. Typed "123"
 - c. Pressed Button
 - d. Result: 123
 - e. **Pass**
- LG G Pad 7.0" (AT&T):
 - a. Removed "e" from "name"
 - b. Typed "123" onto "nam"
 - c. Pressed Button
 - d. Result: nam123
 - e. **Pass**
- Samsung Galaxy S5 (T-Mobile):
 - a. Deleted default word "name"

- b. Typed "123"
- c. Pressed Button
- d. Result: 123
- e. **Pass**

- Samsung Galaxy S6 (Verizon)
 - a. Video was only 6 seconds, and the App was not opened
 - b. **Fail**
- Samsung Galaxy Tab 4 10.1" (WiFi)
 - a. Deleted default word "name"
 - b. Typed "123"
 - c. Pressed Button
 - d. Result: 123
 - e. **Pass**