

Title: CS Brain Training

Vision: To provide a training tool for current programmers to build on their foundation skills and to stimulate interest in the field for beginners in an accessible way.

Who: Casey Moher-Crook, Nicholas Nocella, Jonathan Song, Anthony Osmany, Roberto Kingsley

Automated Tests:

For the automated tests, we are using Android Studio's default tester. We currently only have a couple of tests, but the testing interface is up and running for future tests. To run the tests, type the command "gradlew.bat connectedCheck" into the terminal in Android Studio (on Windows). The output is in app/build/outputs/reports/AndroidTests/connected. Here are screenshots from the output:

Test Summary

3	0	1.245s
tests	failures	duration

100%
successful

Packages

Classes

Package	Tests	Failures	Duration	Success rate
com.roninsamakun.csbraintraining	2	0	0.025s	100%
com.roninsamakun.csbraintraining.test	1	0	1.220s	100%

Package com.roninsamakun.csbraintraining.test

all > com.roninsamakun.csbraintraining.test

1	0	1.220s
tests	failures	duration

100%
successful

Classes

Class	Tests	Failures	Duration	Success rate
MainActivityTest	1	0	1.220s	100%

Class com.roninsamakun.csbraintraining.test.MainActivityTest

all > [com.roninsamakun.csbraintraining.test](#) > MainActivityTest

1
tests

0
failures

1.220s
duration

100%
successful

Tests

Test	VS985 4G - 4.4.2
testTextViewNotNull	passed (1.220s)

User Acceptance Tests:

Test Case ID: Facebook_login

Test Priority: Med/Low

3/29/15

Module Name: Login Activity

Test Title: Verfiy login with facebook

4/1/15

Description: Test the facebook login on login activity

Test Designed by: Nick

Test Designed date:

Test Executed by: Nicole

Test Execution date;

Preconditions : User has a facebook account.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Navigate to login page	User Nicole Nicole.nocella@gmail.com	User navigates to login page	User Nicole navigated to page	Pass	
2	Click Login with Facebook		User forgoes login and clicks facebook login button	Clicked on button	Pass	
3	Provide Facebook credentials		User provides his facebook credentials	Entered information	Pass	

4	Automatic ally created/lo g in to user account	CTD	User is logged in to his account	CTD	Fail	Need to implement correct functionality
---	---	-----	-------------------------------------	-----	------	--

Test Case ID: Questions

Anthony

Test Priority: High

4/2/15

Module Name: Game Activity

Test Title: Select multiple choice answer

4/2/15

Description: Test the multiple choice question interface

Test Designed by:

Test Designed date:

Test Executed by:

Test Execution date;

Preconditions : User has a facebook account.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass /Fail)	Notes
1	Navigate to game activity		User navigates to game activity	Defaults to game activity currently	Pass	
2	Click games button		User is brought to the multiple choice question	Brings up multiple choice question	Pass	
3	click a response		User clicks any of the four choices	All buttons clickable	Pass	
4	receive feedback on answer	CTD	User is notified if response was correct or incorrect	No response from program	Fail	Need code for right/wrong implementation.

Test Case ID: Moving Between Pages
Test Priority: Med/Low
Module Name: Login Activity
Test Title: Make sure page links work
Description: Test moving between pages.

Test Designed by: Roberto
Test Designed date: 4/2/15
Test Executed by: Roberto
Test Execution date; 4/2/15

Preconditions : User has an android device with a touch screen or a suitable emulator.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass /Fail)	Notes
1	From start screen, locate a link to another page.		A link exists	A link exists.	Pass.	
2	Click the link.		The link is clickable.	The link is clickable.	Pass	
3	Observe what page the link took you to.		The page is different from the previous page.	The page is different from the previous page	Pass	