Easy C++

Software Test Plan (STP)
version: 2.2
Gmn_SE15_v2.2

Revision History

Sl. No.	Prepared/ Modified by	E-mail	Version	Date	Approved by	Descriptions/ Remarks
1.	Kareem Omar	Kareemomar96@gmail.com	2.0	3/5/2018		
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	Khalid Sabry	Khaledsab1997@gmail.com	2.2	9/5/2018		

Distribution list

Name	E-mail	Notes
Eng. Ali Elseddeek	alielseddeek@gmail.com	For approval

Table of Contents

1. Overview

 The objective of the following test is to ensure that the final product is functioning as intended. We will test (have tested) the project on many levels and aspects which will be described in section 2 in this document.

2. Test Methodology

2.1 Testing Environment

The entirety of test below is done manually either by building the app and testing the required functionality (in functional testing), or by weighing actual non-functional requirements against expected values (also manually). The android emulator built-in with Android Studio© with used in conjunction with the team's phones.

2.2 Functional Testing

Functional Testing will include a test cases with the purpose of testing an activity or a

TC_01	Running test
Purpose:	Making sure that the app starts and shows the main activity
Prerequisite:	none
Priority:	**High Priority**
Steps:	After building the app the tester runs it either in a simulator or on an actual device.
Expected Results:	Program runs and starts successfully. Login screen shows.
Actual Results:	Program runs and starts successfully. Login screen shows.
State:	pass
Issue #:	None (in the current build)
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Kareem Omar**

TC_02a	**Registration test (empty)**
Purpose:	Empty fields are checked in registration
Prerequisite:	Ability to start app
Priority:	**High Priority**
Steps:	1-opening the app 2-tapping on registration button 3-leaving field(s) empty 4-press create account
Expected Results:	Message show "please fill the required fields"
Actual Results:	Message show "please fill the required fields"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Kareem Omar**

TC_02b	**Registration test (incorrect email)**
Purpose:	Incorrect email address check
Prerequisite:	Ability to start app
Priority:	**High Priority**
Steps:	1-opening the app 2-tapping on registration button 3-enter invalid email 4-press create account
Expected Results:	Message show "please enter real email"
Actual Results:	Message show "please enter real email"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Kareem Omar**

TC_02c	Registration test (insecure pass)
Purpose:	Short and insecure passwords are checked
Prerequisite:	Ability to start app
Priority:	**High Priority**
Steps:	1-opening the app 2-tapping on registration button 3-enter valid data but insecure password 4-press create account
Expected Results:	Message show "please enter a more secure password"
Actual Results:	Message show "please enter a more secure password"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Kareem Omar**

TC_02d	Registration test (valid)
Purpose:	Intended behavior in case of valid data
Prerequisite:	Ability to start app
Priority:	**High Priority**
Steps:	1-opening the app 2-tapping on registration button 3-enter valid data (pass, email,...etc) 4-press create account
Expected Results:	Message show "wait while we check username"
Actual Results:	Message show "wait while we check username"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Kareem Omar**

TC_03a	Login test (empty fields)
Purpose:	Test response in case of empty fields at login
Prerequisite:	Ability to start app
Priority:	**High Priority**
Steps:	1-open app 2-leave username / password field(s) empty 3-press log in
Expected Results:	Message show "you did not enter a user name or a password"
Actual Results:	Message show "you did not enter a user name or a password"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Kareem Omar**

TC_03b	Login test (incorrect data)
Purpose:	Test response in case of empty fields at login
Prerequisite:	Ability to start app
Priority:	**High Priority**
Steps:	1-open app 2-enter incorrect data 3-press log in
Expected Results:	Message show "user name or password is incorrect"
Actual Results:	Message show "user name or password is incorrect"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Kareem Omar**

TC_03c	Login test (correct data)
Purpose:	Test response in case of empty fields at login
Prerequisite:	Having an account in the database
Priority:	**High Priority**
Steps:	1-open app 2-enter correct username/password 3-press log in
Expected Results:	Opens home screen
Actual Results:	Opens home screen
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Kareem Omar**

TC_04a	Change username (new name not in the database)
Purpose:	Testing changing username
Prerequisite:	Logging in successfully
Priority:	**Low Priority**
Steps:	1-logging in 2-open options menu 3-changing username with original name
Expected Results:	showing new username on logging in again
Actual Results:	showing new username on logging in again
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Khalid Sabry**

TC_04b	Change username (new name already exists)
Purpose:	Testing changing username with one that already exists in the database
Prerequisite:	Logging in successfully
Priority:	**Low Priority**
Steps:	1-logging in 2-open options menu 3-changing username with unoriginal one (to the database)
Expected Results:	Error message that the name already exists
Actual Results:	Error message that the name already exists
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Khalid Sabry**

TC_04c	**Change password(old pass verification)**
Purpose:	Testing changing password using old password on signing in again
Prerequisite:	Logging in successfully
Priority:	**Low Priority**
Steps:	1-logging in 2-open options menu 3-changing password 4-sign out 5-sign in with old password
Expected Results:	Message shows "incorrect password"
Actual Results:	Message shows "incorrect password"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Khalid Sabry**

TC_04d	Change password(new pass verification)
Purpose:	Testing changing password using old password on signing in again
Prerequisite:	Logging in successfully
Priority:	**Low Priority**
Steps:	1-logging in 2-open options menu 3-changing password 4-sign out 5-sign in with new password
Expected Results:	Home screen opens
Actual Results:	Home screen opens
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Khalid Sabry**

TC_05a	Categories activity test
Purpose:	Categories screen display correct information.
Prerequisite:	Logged in as student successfully
Priority:	High Priority
Steps:	1-opening categories 2-validation
Expected Results:	Screen shows categories in order
Actual Results:	Screen shows categories in order
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	Mohamed Talaat

TC_05b	Categories sub-topics test
Purpose:	Categories show their sub topics
Prerequisite:	Categories activity opens successfully
Priority:	**High Priority**
Steps:	1-opening categories 2-choose category 3-validate 4-repeat 2,3
Expected Results:	Each category displays its topics in order
Actual Results:	Each category displays its topics in order
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_05c	Categories topics test
Purpose:	topics screen display correct information.
Prerequisite:	Categories activity is functional
Priority:	**High Priority**
Steps:	1-opening categories 2-choose category 3-choose topic 4-validate 5-repeat 2,3,4
Expected Results:	Screen shows each topic's code, explanation and output
Actual Results:	Screen shows each topic's code, explanation and output
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_06a	Admin test (home screen)
Purpose:	Tests administrator's home screen
Prerequisite:	App starts successfully
Priority:	**High Priority**
Steps:	1-log in with admin's username and password 2- validate
Expected Results:	1-admin's page opens and shows requests and opinions
Actual Results:	1-admin's page opens and shows requests and opinions
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Khalid Sabry**

TC_06b	Admin test (refuse request)
Purpose:	Tests administrator's refusal of a request
Prerequisite:	Admin's home page is functional
Priority:	**High Priority**
Steps:	1- register a new instructor's account 2-log in with admin's username and password 3-open requests 4-refuse the request
Expected Results:	-request shows in the requests activity -trying to log in with refused account fails
Actual Results:	-request shows in the requests activity -trying to log in with refused account fails
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Khalid Sabry**

TC_06b	Admin test (accept request)
Purpose:	Tests administrator's refusal of a request
Prerequisite:	Admin's home page is functional
Priority:	**High Priority**
Steps:	1- register a new instructor's account 2-log in with admin's username and password 3-open requests 4-accept the request
Expected Results:	-request shows in the requests activity -trying to log in with refused account succeeds
Actual Results:	-request shows in the requests activity -trying to log in with refused account succeeds
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Khalid Sabry**

TC_06d	Admin test (opinions)
Purpose:	Tests administrator's opinions activity
Prerequisite:	Admin's home page is functional
Priority:	**High Priority**
Steps:	1-log in with admin's username and password 2-open opinions activity 3-log in as instructor and submit an opinion 4-reopen opinions activity
Expected Results:	New opinion shows in the opinions activity
Actual Results:	New opinion shows in the opinions activity
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Khalid Sabry**

TC_07a	Quiz activity (main screen)
Purpose:	Tests main screen of quizzes that it loads without errors or glitches
Prerequisite:	Student has logged in
Priority:	High Priority
Steps:	1-tap quiz icon
Expected Results:	Quiz activity opens showing categories, level and up level options
Actual Results:	Quiz activity opens showing categories, level and up level options
State:	pass
Issue #:	
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	Mohamed Talaat

TC_07b	Quiz activity (categories option)
Purpose:	Tests categories option in quiz activity
Prerequisite:	Two different accounts with different levels
Priority:	**High Priority**
Steps:	On both accounts tap on quizzes then categories option
Expected Results:	Each account shows categories quizzes corresponding to their respective level
Actual Results:	Each account shows categories corresponding to their respective level
State:	**pass**
Issue #:	
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_07c	Quiz activity (level)
Purpose:	Tests level option in quiz activity
Prerequisite:	Two different accounts with different levels
Priority:	**High Priority**
Steps:	On both accounts tap on quizzes then level option
Expected Results:	Each account shows level quiz corresponding to their respective level
Actual Results:	Each account shows level quiz corresponding to their respective level
State:	**pass**
Issue #:	
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_07d	Quiz activity (up level option)
Purpose:	Tests up level option in quiz activity
Prerequisite:	Accounts with first second and last levels all logged in
Priority:	**High Priority**
Steps:	On each account tap quizzes then up level option
Expected Results:	1- on level 1 account a quiz opens with level 2 questions 2-on level 2 account a quiz opens with level 3 questions 3-on level 5 (final level) account a message shows that there are no next levels
Actual Results:	1- on level 1 account a quiz opens with level 2 questions 2-on level 2 account a quiz opens with level 3 questions 3-on level 5 (final level) account a message shows that there are no next levels
State:	**pass**
Issue #:	
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_07e	Quiz activity (quiz structure)
Purpose:	Tests quiz structure (submit button and yes-no radio buttons)
Prerequisite:	One valid account that is logged in
Priority:	**High Priority**
Steps:	1-Open quizzes activity 2-select level option 3- tab on yes option on all questions 4-tab on no option on all questions 5-tab on yes options on all questions 6-tab submit
Expected Results:	1- after step 3 all answers are highlighted as **yes** 2-after step 4 all answers are highlighted as **no** (**yes** is no longer highlighted) 3-after step 5 all answers are highlighted as **yes** (**no** is no longer highlighted) 4-after step 6 results screen appears (submit button works)
Actual Results:	1- after step 3 all answers are highlighted as **yes** 2-after step 4 all answers are highlighted as **no** (**yes** is no longer highlighted) 3-after step 5 all answers are highlighted as **yes** (**no** is no longer highlighted) 4-after step 6 results screen appears (submit button works)
State:	**pass**
Issue #:	
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_07f	Quiz activity (quiz empty fields)
Purpose:	Tests quiz structure (empty fields allowance)
Prerequisite:	One valid account that is logged in
Priority:	**High Priority**
Steps:	1-Open quizzes activity 2-select level option 3- tab submit (without answering any questions) 4-fill in all answer but one and tab submit 6-fill the last answer then submit
Expected Results:	-In all any case but the last one (all questions answered) a message shows that there are some unanswered questions -in the last case the result screen appeares
Actual Results:	-In all any case but the last one (all questions answered) a message shows that there are some unanswered questions -in the last case the result screen appeares
State:	**pass**
Issue #:	
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_07g	Quiz activity (result screen)
Purpose:	Tests quiz structure (result screen calculation)
Prerequisite:	One valid account that is logged in
Priority:	**High Priority**
Steps:	1-Open quizzes activity 2-select level option 3- fill in all answers with half answers correctly 4-tab submit
Expected Results:	-results screen shows 50%
Actual Results:	-results screen shows 50%
State:	**pass**
Issue #:	
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_07h	Quiz activity (level up test)
Purpose:	Tests quiz structure (result screen calculation)
Prerequisite:	One valid account that is logged in
Priority:	**High Priority**
Steps:	1-Open quizzes activity 2-select up level option 3- answer all with less than 75% correct then tab submit 4-answer all with more than 75% correct then tab submit
Expected Results:	-In all any case but the last one (all questions answered) a message shows that there are some unanswered questions -in the last case the result screen appeares
Actual Results:	-results screen shows percentage and fail message(step 3) -results screen shows percentage and success message(step 4)
State:	**pass**
Issue #:	
Execution Date:	3-5-2018
Build Version:	
Notes and Questions:	
Tester Name:	**Mohamed Talaat**

TC_08a	Open discussion room
Purpose:	Test if the questions are from others
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1. open app 2. sign in as student or instructor 3. open discussion room
Expected Results:	All the questions from others
Actual Results:	All the questions from others
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_08b	Open discussion room (in Descending Date)
Purpose:	Test if the questions are from in Descending date
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	3. open app 4. sign in as student or instructor 5. open discussion room
Expected Results:	All the questions sorting in descending date
Actual Results:	All the questions sorting in descending date
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_08c	Open discussion room (Not Answered)
Purpose:	Test if the questions are not answered when you open discussion room
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student or instructor 3- open discussion room
Expected Results:	All the questions are not answered
Actual Results:	All the questions are not answered
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_08d	Changing between my questions and others
Purpose:	Test when I change between my questions and others
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student or instructor 3- open discussion room 4- change to my questions 5- change to others questions
Expected Results:	1- others questions (default) 2- my questions 3- others questions
Actual Results:	1- others questions (default) 2- my questions 3- others questions
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_08e	Changing between answered questions and not answered
Purpose:	Test if you change correctly between answered and not answered questions
Prerequisite:	Ability to get to discussion room
Priority:	High Priority
Steps:	1- open discussion room 2- change to answered questions 3- change to not answered questions
Expected Results:	1- not answered questions (default) 2- answered questions 3- not answered questions
Actual Results:	1- not answered questions (default) 2- answered questions 3- not answered questions
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_08f	Getting limited questions
Purpose:	Check if you get the limited questions displayed on the discussion room
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student or instructor 3- open discussion room 4- limit it to 20 questions 5- limit it to 30 questions
Expected Results:	1- 10 questions appeared (default) 2- 20 questions appeared 3- 30 questions appeared
Actual Results:	1- 10 questions appeared (default) 2- 20 questions appeared 3- 30 questions appeared
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_08g	Searching on questions
Purpose:	Check if when you search you get the required questions
Prerequisite:	Ability to get to discussion room
Priority:	High Priority
Steps:	1- open discussion room 2- search on some question
Expected Results:	1- appears all the questions (default) 2- appears only the questions that have the same text you searched on
Actual Results:	1- appears all the questions (default) 2- appears only the questions that have the same text you searched on
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_08h	Get to question
Purpose:	Check if you can get in to the questions
Prerequisite:	Ability to get to discussion room
Priority:	High Priority
Steps:	1- open discussion room 2- press on question
Expected Results:	1- successfully appears the question and if there any answers on it
Actual Results:	1- successfully appears the question and if there any answers on it
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_09a	Put a reply on a question (success)
Purpose:	Check if you can put a reply on question
Prerequisite:	Ability to get to discussion room
Priority:	High Priority
Steps:	1- open discussion room 2- press on question 3- write something on the reply text 4- press put reply button
Expected Results:	1- appears as a toast ""successful Operation" 2- show the reply on the question list
Actual Results:	1- appears as a toast ""successful Operation" 2- show the reply on the question list
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_09b	Put a reply on a question (failed)
Purpose:	Check if you can put a reply on question
Prerequisite:	Ability to get to discussion room
Priority:	High Priority
Steps:	1- open discussion room 2- press on question 3- write something on the reply text 4- disconnect the network 5- press put reply button
Expected Results:	1- appears as a toast "unSuccessful Operation"
Actual Results:	1- appears as a toast "unSuccessful Operation"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_09c	Mark as the best answer (success)
Purpose:	Check if you can put a reply as the best answer
Prerequisite:	Ability to get to replies on question
Priority:	High Priority
Steps:	1- press on question 2- see if there is any reply 3- press on the best answer
Expected Results:	1- appears as a toast "successfully updated" 2- see the reply directly under the question
Actual Results:	1- appears as a toast "successfully updated" 2- see the reply directly under the question
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_09d	Mark as the best answer (failed)
Purpose:	Check if you can put a reply as the best answer
Prerequisite:	Ability to get to replies on question
Priority:	High Priority
Steps:	1- press on question 2- see if there is any reply 3- disconnect the network 4- press on the best answer
Expected Results:	1- appears as a toast "unsuccessfully updated"
Actual Results:	1- appears as a toast "unsuccessfully updated
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_09e	best answer button appears to instructor
Purpose:	Check if the best answer button appears to instructors so that he Assign the answer as the best answer
Prerequisite:	Ability to get to replies on question
Priority:	High Priority
Steps:	1- press on question
Expected Results:	1- appears the best answer button on all the replies except if there is a reply is already the best answer
Actual Results:	1- appears the best answer button on all the replies except if there is a reply is already the best answer
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_09f	best answer button doesn't appear
Purpose:	Check if the best answer button doesn't appear to students who the Question doesn't belong to them
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student 3- open discussion room 4- press on question
Expected Results:	1- the best answer button doesn't appear
Actual Results:	1- the best answer button doesn't appear
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10a	report button appears to students
Purpose:	Check if the report button appears to all students
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student 3- open discussion room 4- press on question
Expected Results:	1- the report button appears
Actual Results:	1- the report button appears
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10b	report button appears to instructors
Purpose:	Check if the report button appears to all instructors
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	5- open app 6- sign in as student 7- open discussion room 8- press on question
Expected Results:	2- the report button appears
Actual Results:	2- the report button appears
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10c	Access to report on view
Purpose:	Check if the report on view open successfully
Prerequisite:	Ability to get to replies on question
Priority:	High Priority
Steps:	1- press on question 2- press on report button
Expected Results:	1- open the report on view
Actual Results:	1- open the report on view
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10d	Put a report (success)
Purpose:	Check if you can put the report successfully
Prerequisite:	Ability to get to replies on question
Priority:	High Priority
Steps:	1- press on the report button 2- write the comment text field 3- press submit button
Expected Results:	1- appears as a toast "successfully reported"
Actual Results:	1- appears as a toast "successfully reported"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10e	Put a report (failed)
Purpose:	Check if you can put the report without write a comment
Prerequisite:	Ability to get to replies on question
Priority:	High Priority
Steps:	1- press on the report button 2- press submit button
Expected Results:	1- appears as a toast "unsuccessfully reported"
Actual Results:	1- appears as a toast "unsuccessfully reported"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10f	Opining show reports
Purpose:	Check if you can open show reports successfully
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as an Admin 3- open show reports
Expected Results:	1- the view open without error
Actual Results:	1- the view open without error
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10g	Opining show a report
Purpose:	Check if you can open show a report successfully
Prerequisite:	Ability to get to show reports view
Priority:	High Priority
Steps:	1- open show reports 2- press on any report that appear
Expected Results:	1- the view open without error
Actual Results:	1- the view open without error
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10h	Reporting delete a question
Purpose:	Check if you can delete a question
Prerequisite:	Ability to get to show reports view
Priority:	High Priority
Steps:	1- open show reports 2- select misleading question 3- press on any report that appears 4- press on the delete button
Expected Results:	1- appears a message as a toast "successfull task"
Actual Results:	1- appears a message as a toast "successfull task"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10i	Reporting delete an answer
Purpose:	Check if you can delete an answer
Prerequisite:	Ability to get to show reports view
Priority:	High Priority
Steps:	1- open show reports 2- select misleading answer 3- press on any report that appears 4- check from type of action delete answer 5- press on the delete button
Expected Results:	1- appears a message as a toast "successfull task"
Actual Results:	1- appears a message as a toast "successfull task"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10j	Reporting change the best answer
Purpose:	Check if you can remove the reply from the best answer
Prerequisite:	Ability to get to show reports view
Priority:	High Priority
Steps:	1- open show reports 2- select misleading answer 3- press on any report that appears 4- check from type of action remove best answer 5- press on the remove button
Expected Results:	1- appears a message as a toast "successful task"
Actual Results:	1- appears a message as a toast "successful task"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_10k	Reporting suspending a user
Purpose:	Check if you can suspend a user
Prerequisite:	Ability to get to show reports view
Priority:	High Priority
Steps:	1- open show reports 2- press on any report that appears 3- check from type of action suspend user 4- press on the suspend button
Expected Results:	1- appears a message as a toast "successful task"
Actual Results:	1- appears a message as a toast "successful task"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_11a	Ask a question (success)
Purpose:	Check if you can ask question
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student 3- open ask question 4- write title 5- write description 6- press on submit question
Expected Results:	1- appears as a toast "successfully added"
Actual Results:	1- appears as a toast "successfully added"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_11b	Ask a question (failed by title)
Purpose:	Check if you can put a question when you don't write a title
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student 3- open ask question 4- write description 5- press on submit question
Expected Results:	1- appears as a toast "there is no name for the title of question"
Actual Results:	1- appears as a toast "there is no name for the title of question"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_11c	Ask a question (failed by description)
Purpose:	Check if you can put a question when you don't write a description
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student 3- open ask question 4- write title 5- press on submit question
Expected Results:	1- appears as a toast "please add your question"
Actual Results:	1- appears as a toast "please add your question"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_12a	Request to become instructor button disappeared (instructor)
Purpose:	Check if you the request to become instructor doesn't appear if you are Already instructor
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as instructor 3- open options
Expected Results:	The request to become instructor button is invisible
Actual Results:	The request to become instructor button is invisible
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes Questions:	
Tester Name:	Khaled Sabry

TC_12b	Request to become instructor button disappeared (student)
Purpose:	Check if you the request to become instructor doesn't appear if you didn't get to the last level in your education
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	4- open app 5- sign in as student "his level is less than the last level in the app" 6- open options
Expected Results:	The request to become instructor button is invisible
Actual Results:	The request to become instructor button is invisible
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_12c	Opening Request to become instructor view
Purpose:	Check if you can open the request to become instructor view successfully
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student "his level is less than the last level in the app" 3- open options 4- press on become instructor
Expected Results:	The request to become instructor view opens successfully
Actual Results:	The request to become instructor view opens successfully
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_12d	Request to become instructor (success)
Purpose:	Check if you put a request to become instructor successfully
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	1- open app 2- sign in as student "must be at the last level in education" 3- open options 4- press on become instructor 5- write your skills in the text field 6- press the request button
Expected Results:	1- appears as a toast "successful task"
Actual Results:	1- appears as a toast "successful task"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

TC_12e	Request to become instructor (failed)
Purpose:	Check if you can put a request to become instructor successfully Without write any of your skills
Prerequisite:	Ability to get to menu
Priority:	High Priority
Steps:	5- open app 6- sign in as student "must be at the last level in education" 7- open options 8- press on become instructor 9- press the request button
Expected Results:	1- appears as a toast "unsuccessful task"
Actual Results:	1- appears as a toast "unsuccessful task"
State:	pass
Issue #:	none
Execution Date:	3-5-2018
Build Version:	The CVS version where this test case is executed
Notes and Questions:	
Tester Name:	Khaled Sabry

5.1 Non-functional Testing

5.1.1 Performance Testing

Testing performance is noted during functional testing and measured by loading time during opening activities or scrolling in quizzes, etc …

5.1.2 Quality Testing

During functional testing, glitches and button input mistakes are noted. different phones are also used in order to ensure quality on most android devices.

5.1.3 Interface Testing

The interface testing (input is correct and accurate, no visual distortion, etc…) are glanced at while doing the functional testing.

6. References

https://developer.android.com/studio/index.html

7. Glossary

US: User Story

Appendices

None in the current build of the app