CSCI 3308 Software Development Methods and Tools Final Project
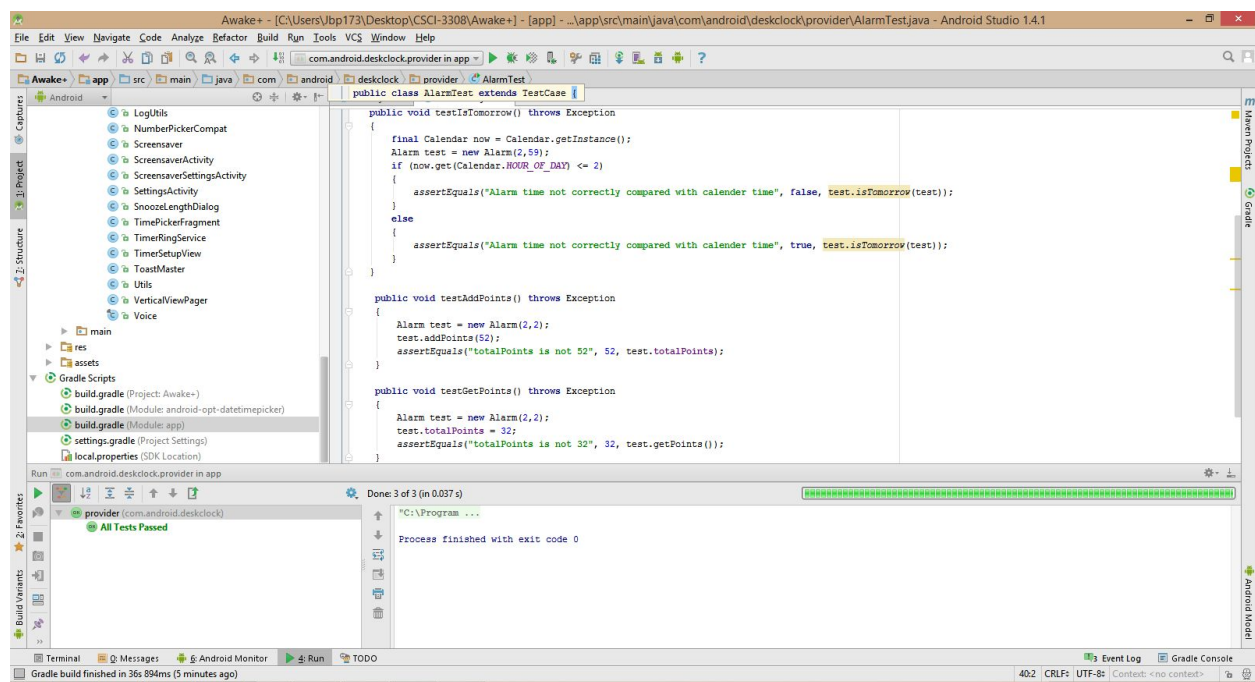Project Part 3

Who: Justin Schiller
Sam Skolnekovich
Mikhail Chowdhury
Jordan Peters

Title: Awake+

Vision Statement: Waking up should be a positive and enjoyable experience to all.

Automated Tests:

http://tools.android.com/tech-docs/unit-testing-support
This is Junit testing for android studio

User Acceptance Tests:
Awake+ App User Acceptance Testing Framework

Acceptance Test 1: Alarm Functionality

Test Case ID: Alarm1	Test Designed By: Justin Schiller
Test Priority: High	Test Designed Date: 11/10/15

Module Name: Alarm   Test Executed By:
Test Title: Alarm Functionality   Test Executed Date:
Description: User should be able to set, modify, snooze, and turn off alarm clockS
Precondition(s): Phone must be on and app must be active
Dependencies: Correct time and date
Postcondition(s): User should have alarm in desired state after all actions

Step	Step Description	Test Data	Expected Result	Actual Result	Pass/Fail	Notes
1	Set alarm		Alarm is set to the correct time			
2	Modify alarm		Able to modify currently set alarm to go off at a different time (or not at all)			
3	Alarm goes off		Alarm should go off at desired time			
4	Snooze alarm		Alarm should snooze for 10 minutes and go off again			
5	Turn off alarm		Alarm should be set to off after turning it off			

Acceptance Test 2: Awarding Points

Test Case ID: Points1   Test Designed By: Justin Schiller
Test Priority: High   Test Designed Date: 11/10/15
Module Name: Award Points   Test Executed By:
Test Title: Awarding Points   Test Executed Date:
Description: User should be awarded 5 points for not hitting snooze, 1 point for hitting snooze once, and 0 points for hitting snooze multiple times.
Precondition(s): Alarm has been previously set and is going off
Dependencies: None
Postcondition(s): Points should be correctly updated to the current level

Step	Step Description	Test Data	Expected Result	Actual Result	Pass/Fail	Notes
1	Turn off alarm		5 Points awarded			
2	Snooze alarm once, then turn off		1 Point awarded			
3	Snooze alarm multiple times		No points awarded			

Acceptance Test 3: Browsing and Redeeming Rewards

Test Case ID: Reward1 Test Designed By: Justin Schiller
Test Priority: Medium Test Designed Date: 11/10/15
Module Name: Rewards Test Executed By:
Test Title: Redeeming Rewards Test Executed Date:
Description: User should be able to browse rewards in app and redeem points in exchange for them. Points should decrease when spent.
Precondition(s): Points have been accumulated enough to redeem for a reward
Dependencies: None
Postcondition(s): Reward will be acquired and points will be updated accordingly

Step	Step Description	Test Data	Expected Result	Actual Result	Pass/Fail	Notes
1	Able to look at rewards catalog		Able to see all rewards available			
2	Cannot acquire reward with a higher point requirement than current points		Does not give reward for too few points			
3	Can acquire reward with point value <= current points		Reward should be delivered in proper format (emailed coupon, electronic barcode, etc...)			

4	Points update post purchases		After successful purchase, points total decreases accordingly			

Acceptance Test 4: Retaining Points

Test Case ID: Points2   Test Designed By: Justin Schiller
Test Priority: Medium   Test Designed Date: 11/10/15
Module Name: Points   Test Executed By:
Test Title: Retaining Points   Test Executed Date:
Description: Points should be retained by the app upon phone shut down and app closing
Precondition(s): Points have been awarded on one or more previous occasions
Dependencies: None
Postcondition(s): After exiting the app and or cycling the device's power, points should be equal to the point they were previously

Step	Step Description	Test Data	Expected Result	Actual Result	Pass/Fail	Notes
1	Exit and reopen application		Points total is the same as it was before exiting application			
2	Turn phone off and on again		Points total is the same as it was before exiting application			
3	Phone loses all battery life and app is opened upon recharge		Points total is the same as it was before exiting application			

Version Control System:

- Git / Github: https://github.com/mchowdhury/CSCI-3308