Manual Test Plan for cs242-final-week1

Table of Contents

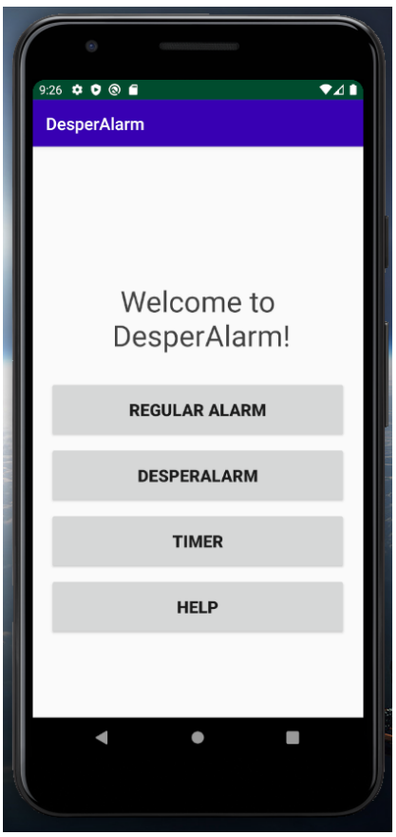
- Environment setup
- Test 1 - Start Screen Navigation
- Test 2.1 - Timer Basic
- Test 2.2 - Timer Advanced
- Test 3.1 - Regular Alarm Basic
- Test 3.2 - Regular Alarm Advanced

Environment setup

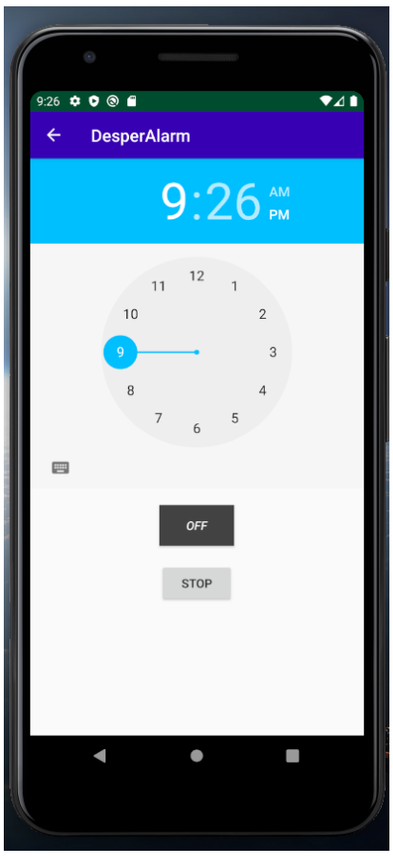
- Gradle 6.5
- Android Gradle Plugin 4.1.0
- Junit 4+
- Android Studio

Test 1 - Start Screen Navigation

- You should see the following start screen when you launch the app

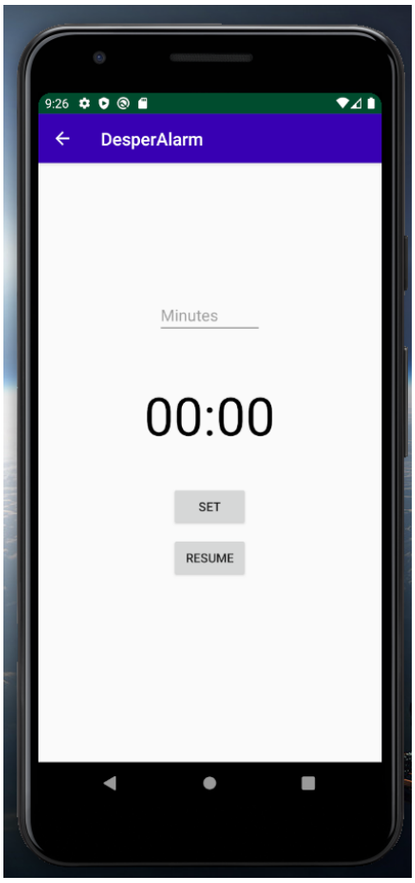


- Clicking the REGULAR ALARM button should take you to the following screen



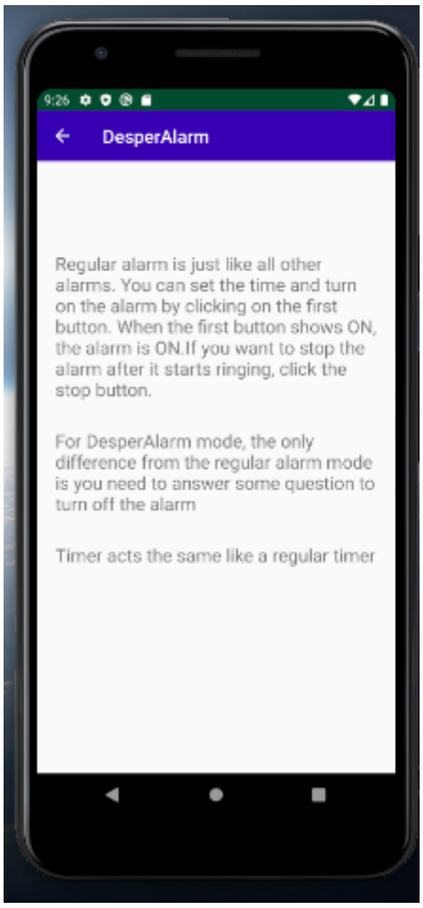
- Clicking the back button in the top left corner should take you back to the start screen
- Clicking the DESPERALARM button on the start screen should take you to the desperalarm screen, which looks like the following. It will be implemented next week.

- Clicking the back button in the top left corner should take you back to the start screen
- Clicking the TIMER button on the start screen should take you to the timer screen, which looks like the following.



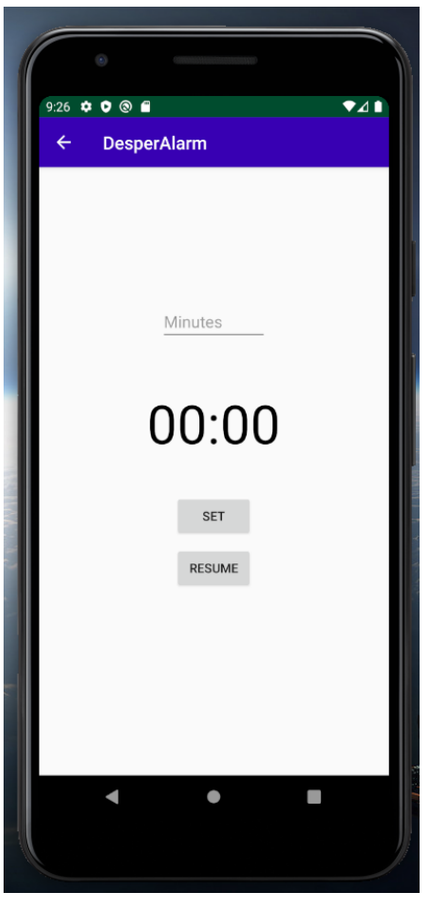
- Clicking the back button in the top left corner should take you back to the start screen

- Clicking the HELP button on the start screen should take you to the timer screen, which looks like the following.

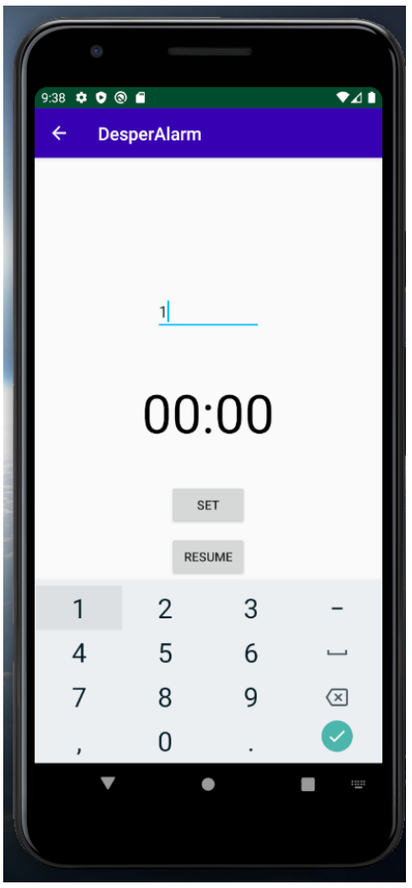


Test 2.1 - TImer Basic

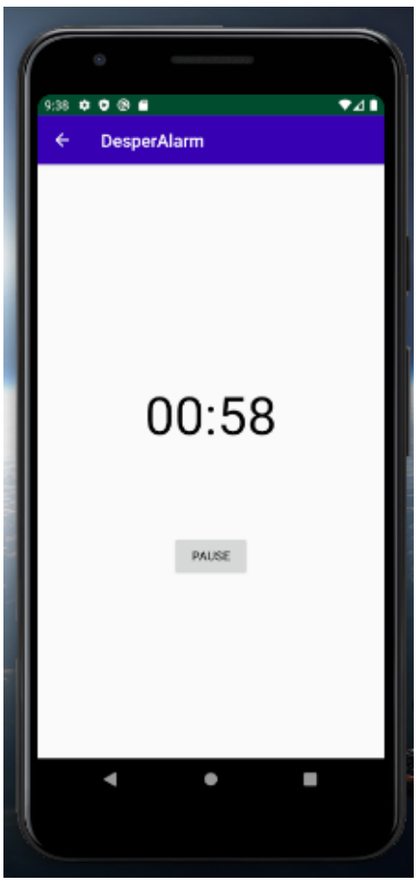
- The timer screen looks like the following



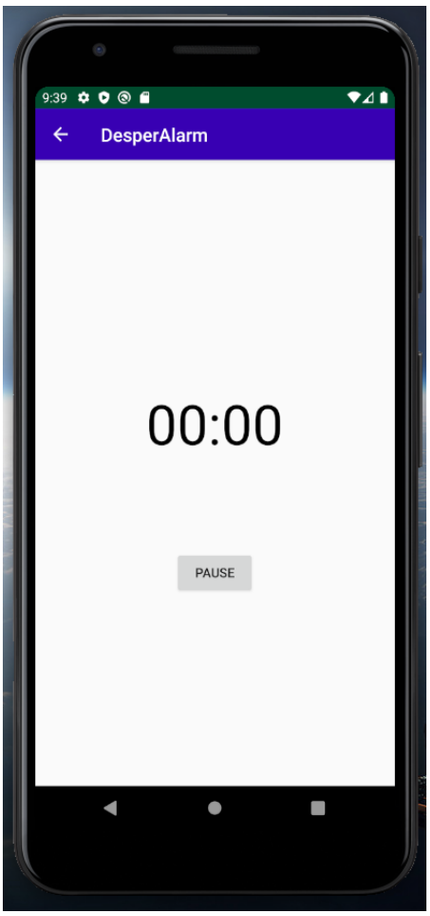
- Users should be able to set the length of the timer by entering the number of minutes in the input box on top of the screen

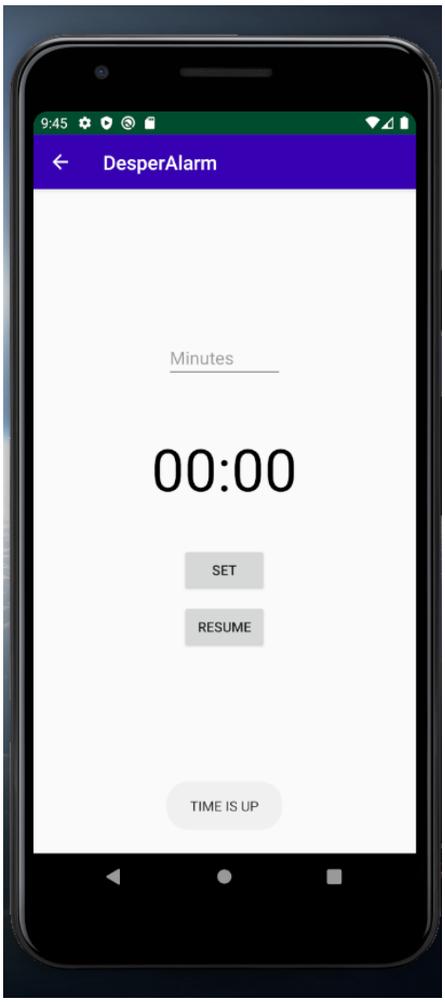


- Clicking on SET will start the timer.



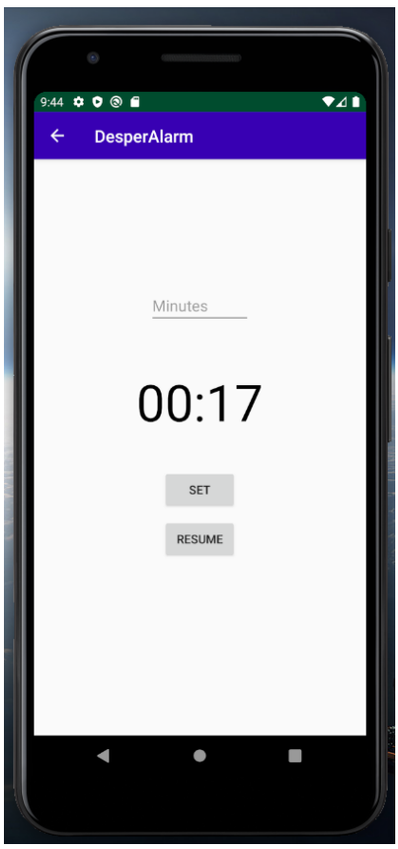
- When the timer reaches 00:00, a message “Time is up” will show up and the timer will stop



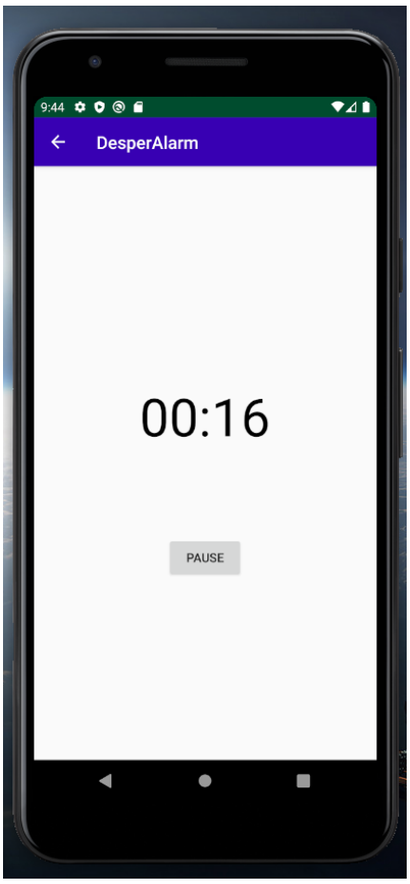

9:45
DesperAlarm
Minutes
00:00
SET
RESUME
TIME IS UP

Test 2.2 - TImer Advanced

- Users can click PAUSE to pause the timer if there is an ongoing timer. A paused timer looks like the following

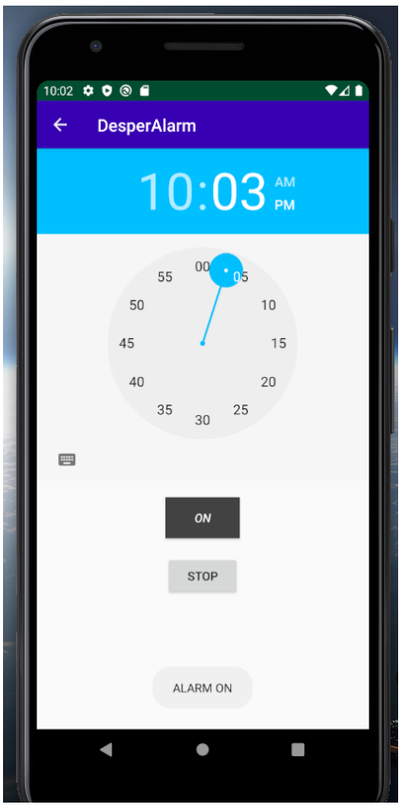


- When the timer is paused. The pause button will change to RESUME button. Clicking on the RESUME button will resume the timer

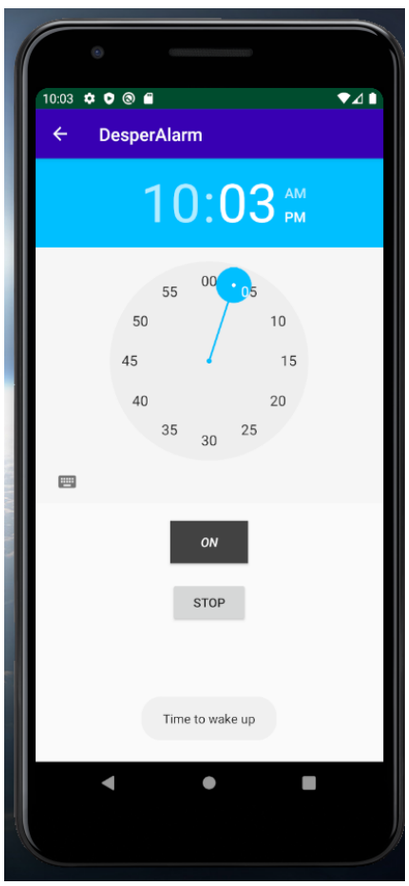


Test 3.1 - Regular Alarm Basic

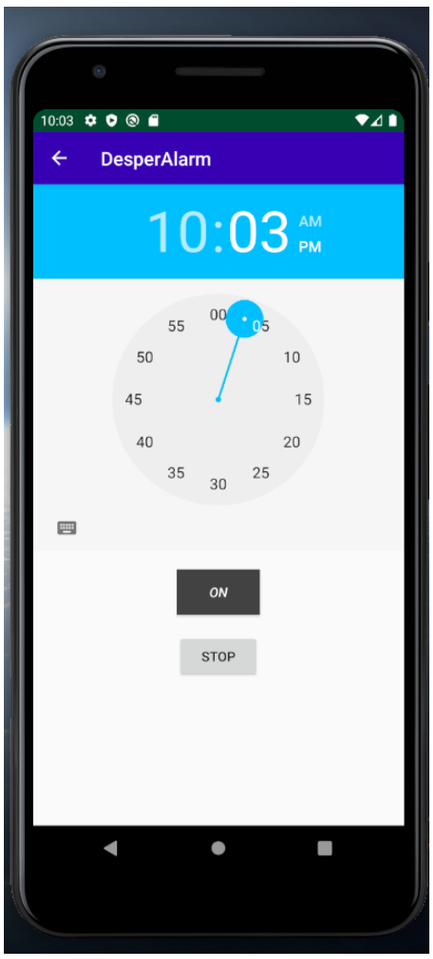
- Users can pick the alarm time using the time picker. After picking a time, clicking on OFF to make it show ON will set the timer. A message will also appear indicating the alarm is set.



- When the selected time arrives, the timer will go off, play a ringtone and a message will also appear.

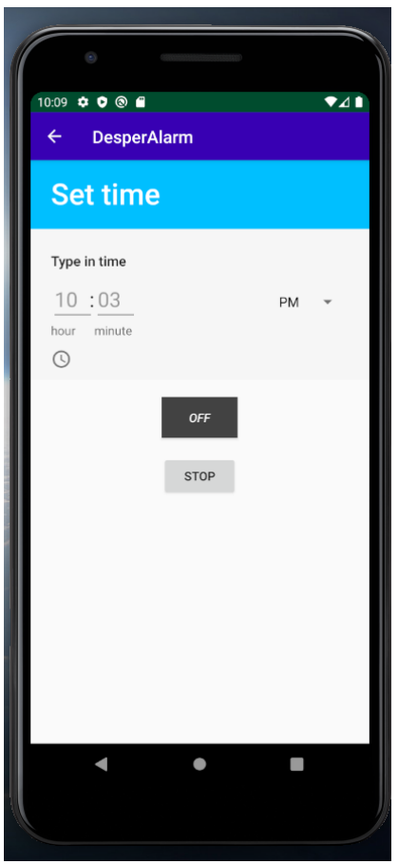
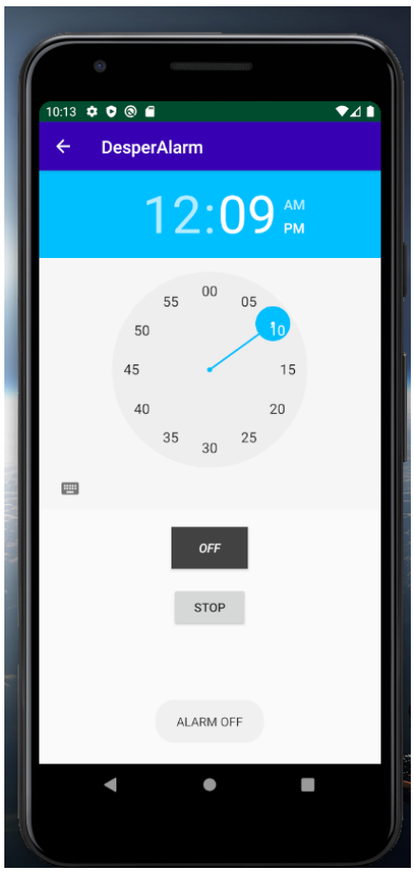


- After the alarm goes off, clicking on STOP will stop the alarm and the ringtone



Test 3.2 - Regular Alarm Advanced

- Click on the keyboard icon will take users to a screen that allows users to select time by typing



- A scheduled alarm can be canceled by clicking on ON to make it show OFF.