EW – 1
Lab-7 Table-3

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Introduction to Android Game Development

"MIT App Inventor" is a visual programming platform and online tool that allows users to create mobile applications for Android devices without requiring prior coding experience. It was initially developed by Google and later moved to the Massachusetts Institute of Technology (MIT). The platform provides a simple drag-and-drop interface, enabling users to design and prototype mobile apps using visual blocks instead of traditional text-based coding.

Aim:

To create an Android game app using MIT App Inventor and using at least two of the phone's sensor.

Components Required:

1. Laptop
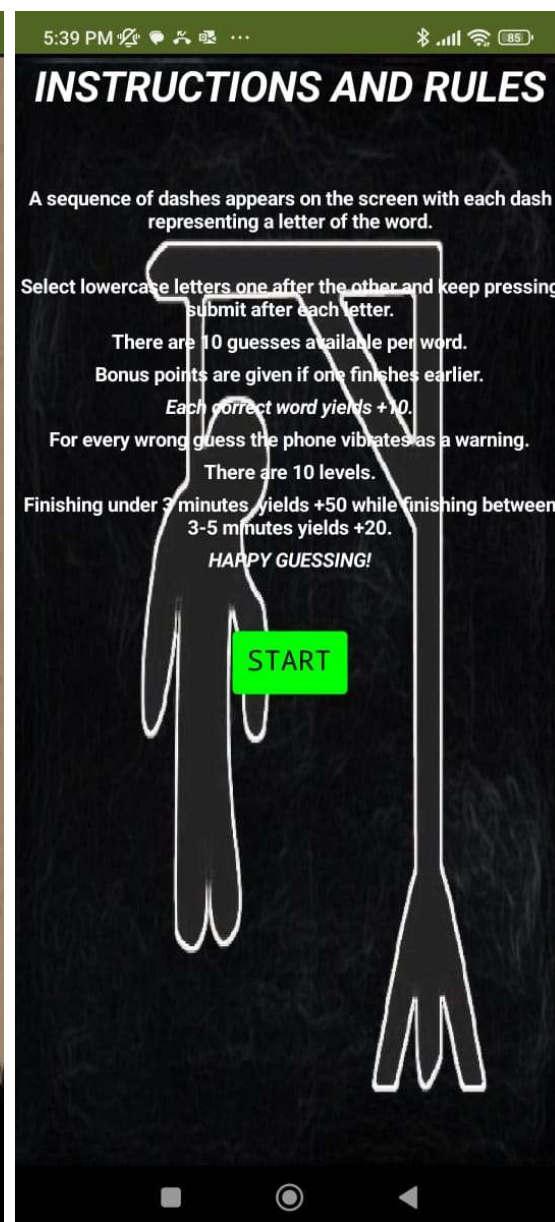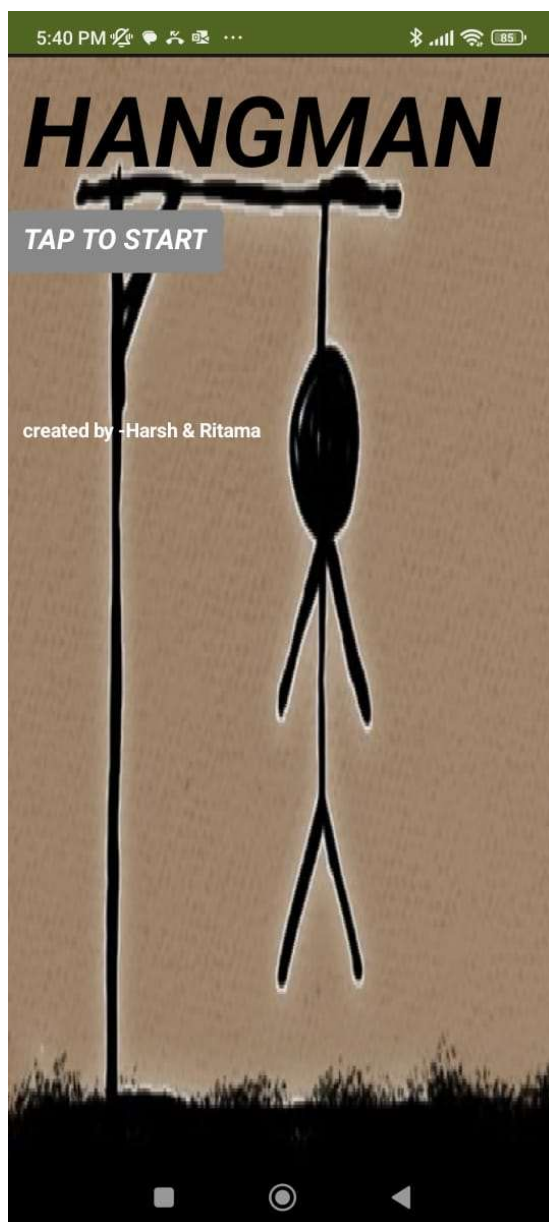2. Android Phone

Sensors Used:

1. Timer
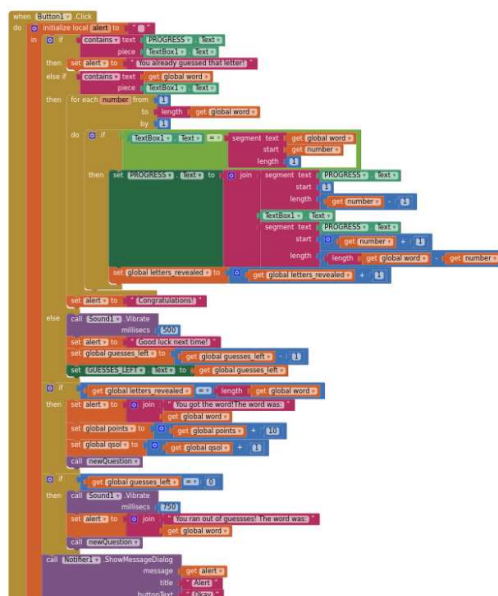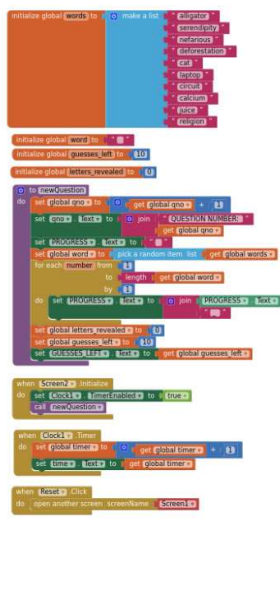2. Haptic Feedback
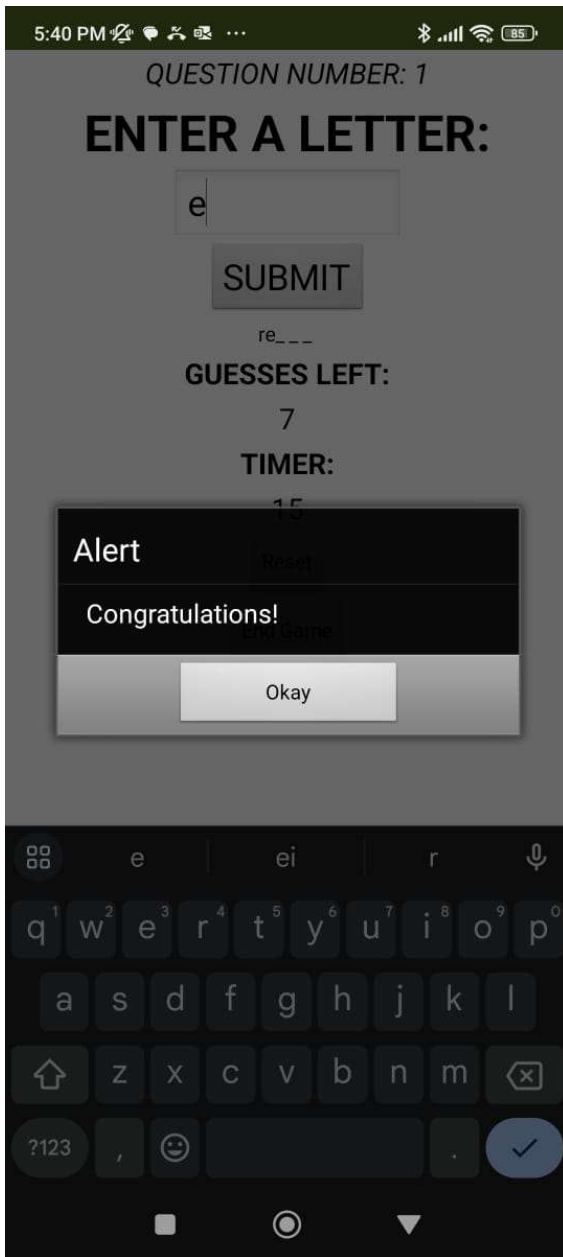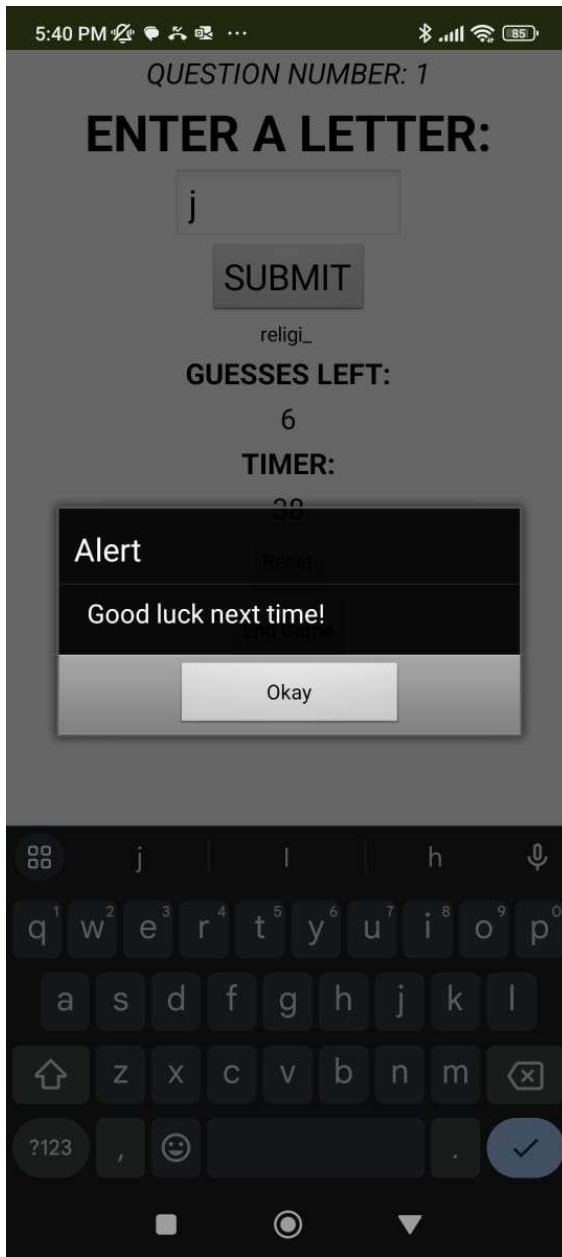
Features Included:

1. Instructions to play
2. Score Visibility
3. Automatic game restart
4. Levels of game
5. Multiplayer (although we haven't added a score comparison, but we provide the user with their score and time so that they can manually check and compare it)
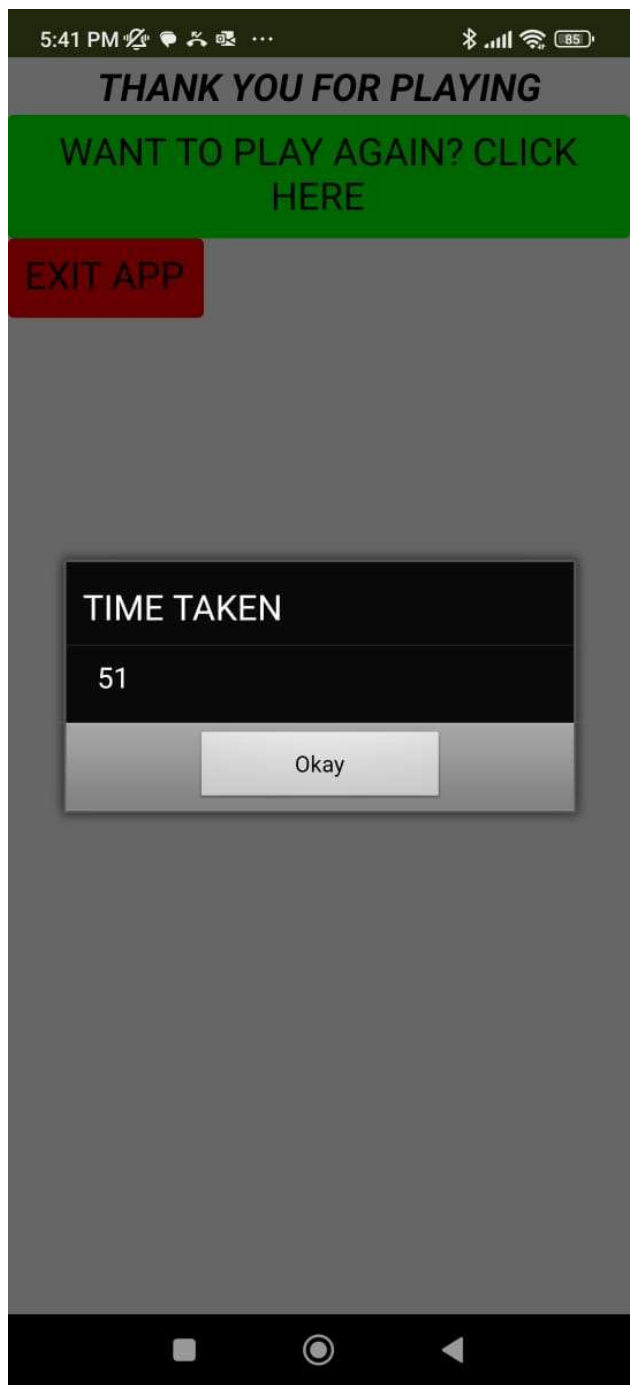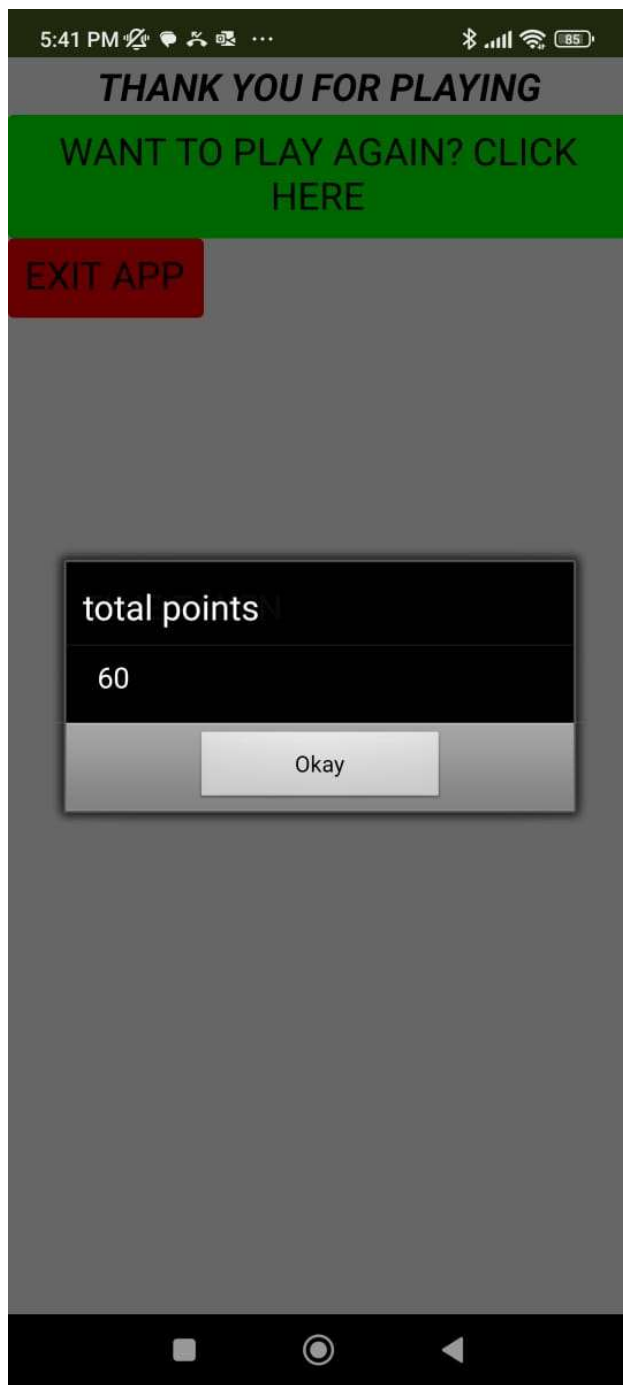
Results:

Game Made- HANGMAN

Screenshots of the game: -

QUESTION NUMBER: 1

ENTER A LETTER:

j

SUBMIT

religi_

GUESSES LEFT:

6

TIMER:

38

Alert

Reset

Good luck next time!

Okay

QUESTION NUMBER: 1

ENTER A LETTER:

e

SUBMIT

re_ _ _

GUESSES LEFT:

7

TIMER:

15

Alert

Reset

Congratulations!

Okay

Show Warnings

Conclusion:

In this lab we learned about the working and process of android app development and using sensors in our daily life.