Minor Project Report: KG to Pound Converter App

1. Introduction

- **Objective**: The purpose of this project is to develop an Android application that converts kilograms (KG) to pounds (lbs).
- **Motivation**: This project is important, such as the necessity of easy conversion tools for users across different regions that use different measurement systems.
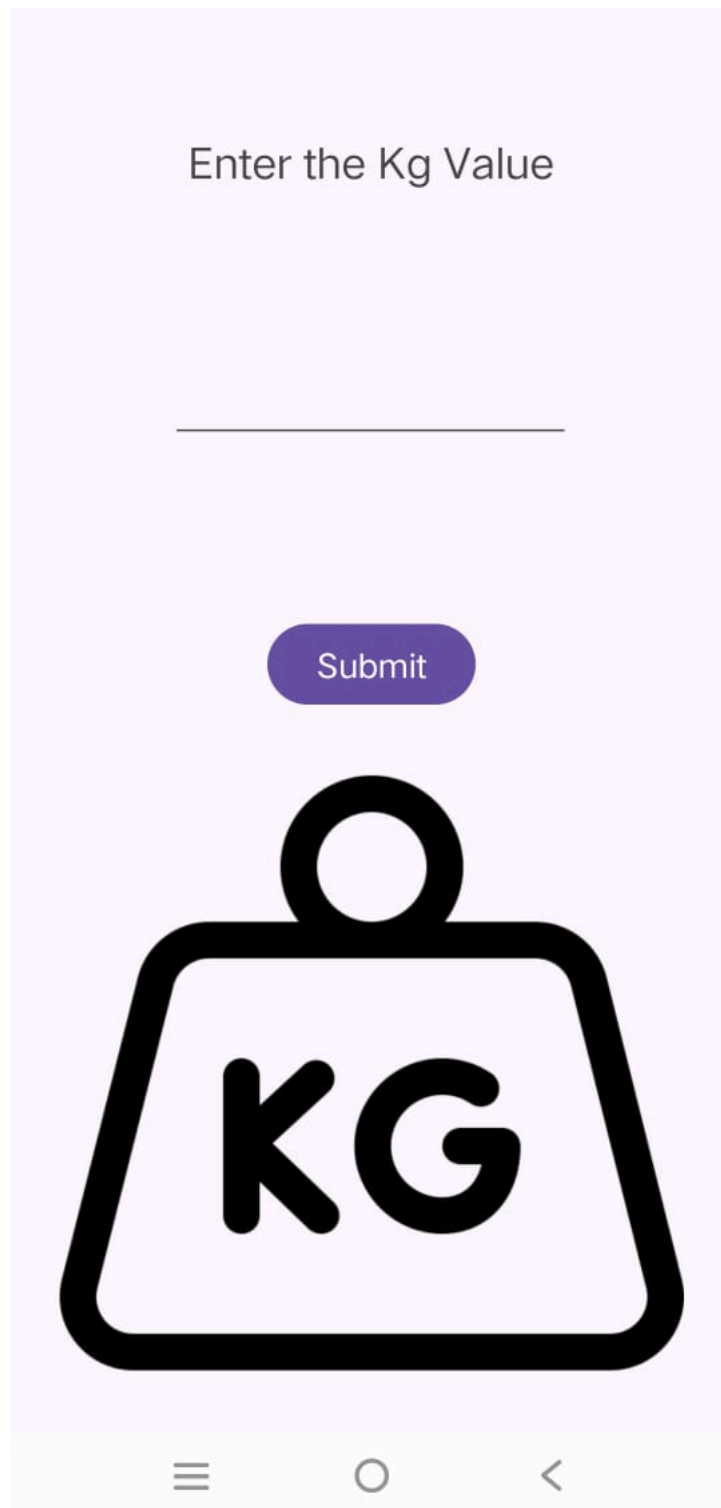
2. Project Description

- **Overview**: A simple, user-friendly app that converts weights from kilograms (kg) to pounds (lbs). The app features a clean interface where users can input a weight in kilograms and receive an instant conversion to pounds
- **Target Audience**: Such as fitness enthusiasts, travelers, Health Professionals, Students and Educators, Logistics and Shipping Personnel, General Users, etc.

3. Technology Stack

- **Programming Language**: JAVA.
- **IDE**: Android Studio.
- **Build Tool**: Gradle.
- **Libraries Used**: List any external libraries used in the project.

4. Implementation Details

- **User Interface**:
  - Easy to Accsess design of the UI (e.g., text fields for input, buttons for conversion, display of output).

Enter the Kg Value

_____

Submit

≡   ○   ‹

○
- **Conversion Logic**:
    ○ The formula used for conversion (1 kg = 2.20462 pounds).
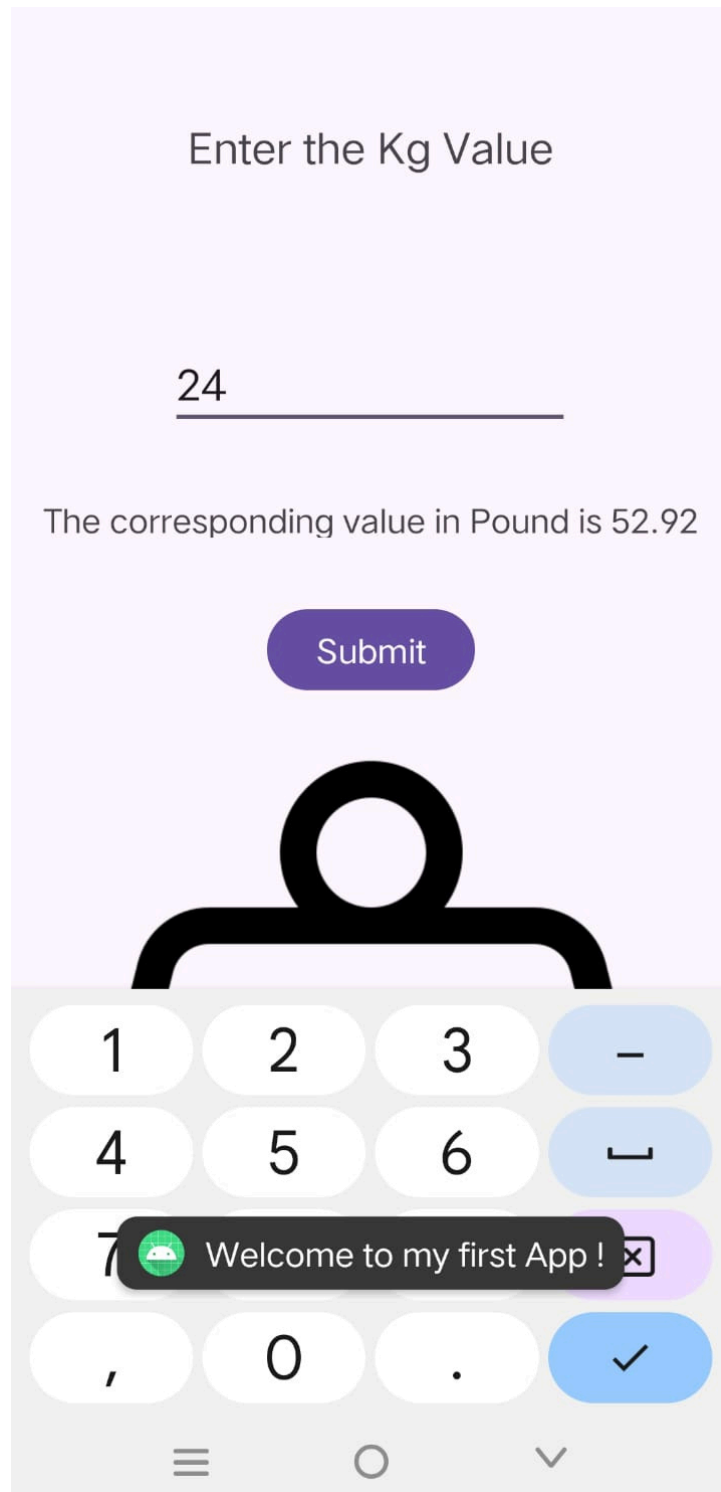
5. Testing

- **Test Cases**:
    ○ List and describe different test cases (e.g., converting standard values, handling edge cases like 0 or negative numbers).
- **Results**:

○ Describe the outcomes of the testing phase, including screenshots of successful conversions.

6. Output Details

- **Functionality**:
  ○ The final output, the user sees after entering a value in kilograms and pressing the submit button the show the corresponding value in pound is ___ also show text popup on the button is 'welcome to my first app !' .
  ○

Enter the Kg Value

24

The corresponding value in Pound is 52.92

Submit

1	2	3	−
4	5	6	␣
7	Welcome to my first App ! ×
,	0	.	✓

≡   ○   ⌄

- **Accuracy**:

- The output of the value is accurate but some numbers do not show the output .