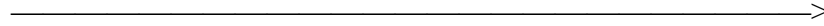


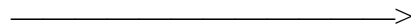
**Use Case 1: Unit Converter(Fahrenheit to Celcius, Celcius to Fahrenheit)**

Step 1: The application shows the User Interface.



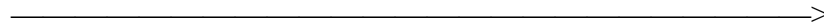
A smartphone screen displaying a unit converter interface. It features four rows of input fields, each with a unit label to its right. The first row is for temperature, with 'F' and 'C' units. The second row is for distance, with 'Km' and 'Mi' units. The third row is for weight, with 'Kg' and 'Lb' units. The fourth row is for volume, with 'Ltr' and 'Gal' units. All input fields are currently empty.

Step 2: The user inputs a value in Fahrenheit or Celcius.



A smartphone screen displaying the unit converter interface. The first input field (Fahrenheit) now contains the number '45'. The other input fields remain empty.

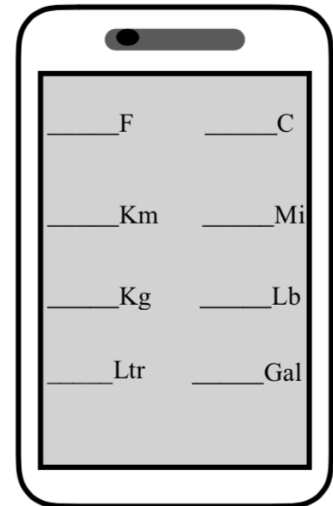
Step 3: System computes and displays the converted unit.



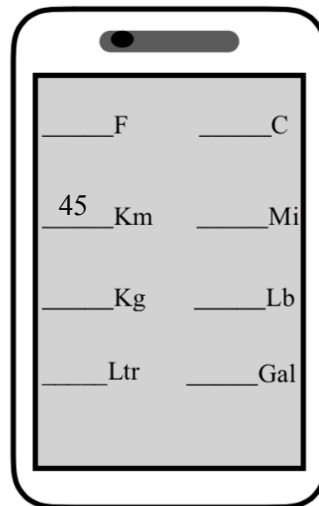
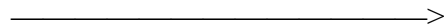
A smartphone screen displaying the unit converter interface. The first input field (Fahrenheit) contains '45' and the second input field (Celsius) now contains the converted value '7.22'. The other input fields remain empty.

**Use Case 2: Unit Converter(Kilometer to Mile, Mile to Kilometer)**

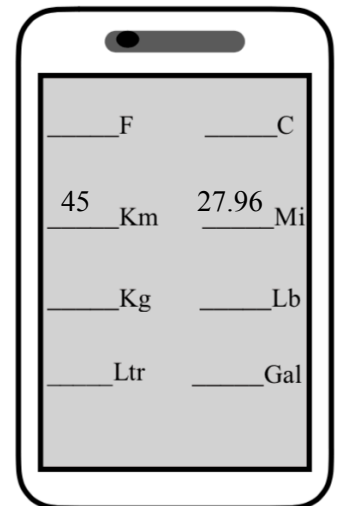
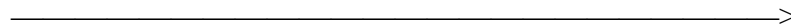
Step 1: The application shows the User Interface.



Step 2: The user inputs a value in Kilometers or Miles.

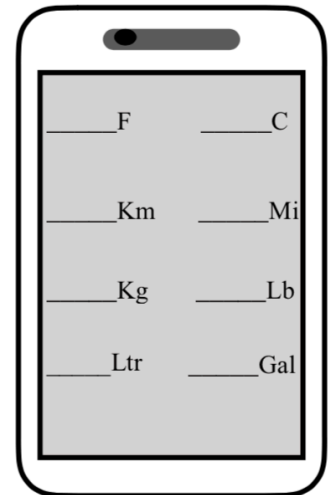


Step 3: System computes and displays the converted unit.

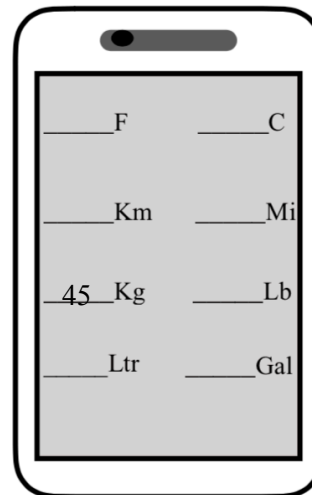


**Use Case 3: Unit Converter(Kilograms to Pounds, Pounds to Kilograms)**

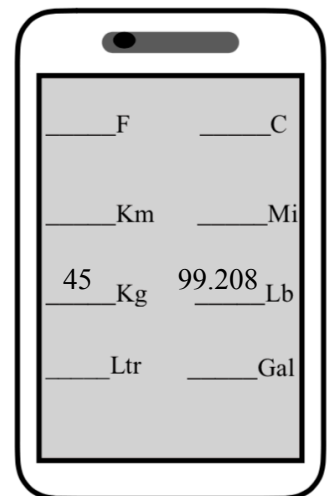
Step 1: The application shows the User Interface.



Step 2: The user inputs a value in Kilograms or Pounds.

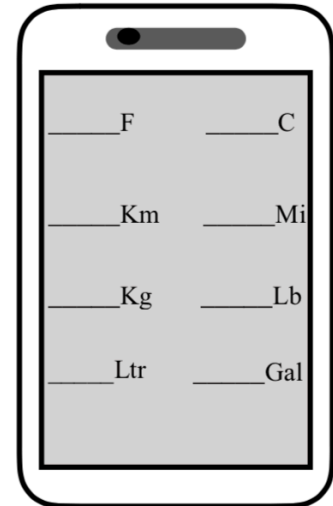


Step 3: System computes and displays the converted unit.

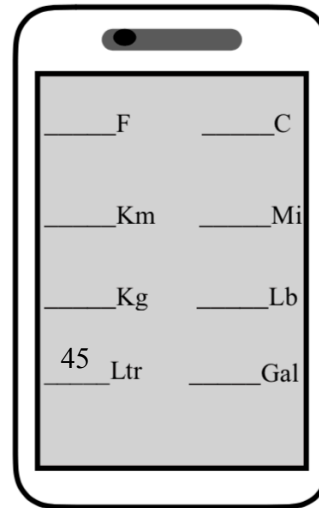


**Use Case 4: Unit Converter(Liter to Gallon, Gallon to Liter)**

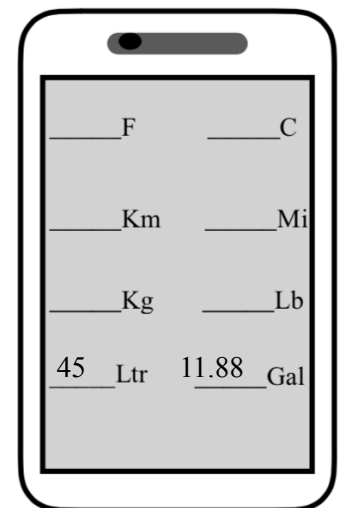
Step 1: The application shows the User Interface.



Step 2: The user inputs a value in Liters or Gallons.



Step 3: System computes and displays the converted unit.



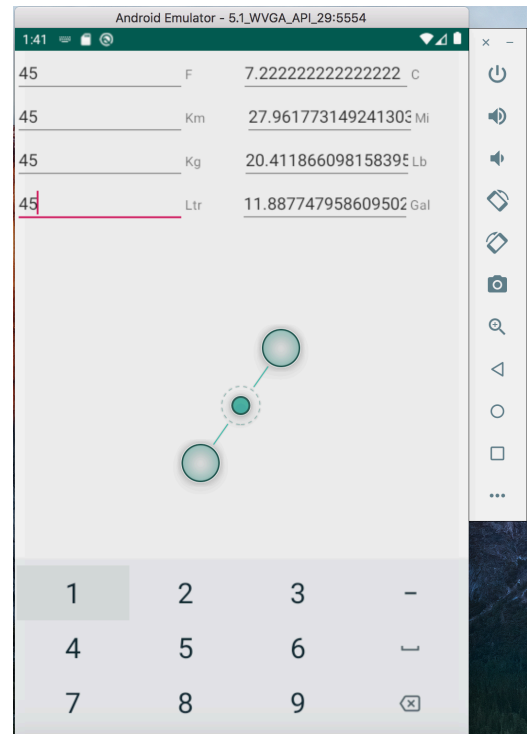
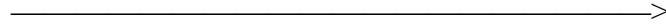
**Demonstration Proofs:**

Fahrenheit to Celcius:

Kilometers to Miles:

Kilograms to Pounds:

Liters to Gallons:



Celcius to Fahrenheit:

Miles to Kilometers:

Pounds to Kilograms:

Gallons to Liters:

