Assignment 2 Use Case

1. The app will convert the temperature from Fahrenheit to Celsius by parsing the integer or floating number from user input and **Automatically** outputting the value after conversion:
   1. First the UI screen:

Temperature in C

Temperature

Temperature in F

Miles

Distance

Kilometers

Weight

Pounds

Kilograms

Volume

Gallons

Liters

* 1. Then I would enter the value I want to convert:

Volume

Weight

Gallons

Liters

Pounds

Kilograms

Miles

Distance

Kilometers

Temperature in C

Temperature

30 F

* 1. Then the temperature would change from Fahrenheit to Celsius automatically:

Volume

30 F

Temperature

-1.11 C

Kilometers

Distance

Miles

Kilograms

Pounds

Liters

Gallons

Weight

* 1. I can also convert from Celsius to Fahrenheit

Volume

Weight

Gallons

Liters

Pounds

Kilograms

Miles

Distance

Kilometers

32 C

Temperature

89.6 F

1. The app will convert the distance from Kilometers to Miles by parsing the integer or floating number from user input and **Automatically** outputting the value after conversion:
   1. The user would input a value for Kilometers and convert to Miles automatically…

Fahrenheit

Temperature

Celsius

19 km

Distance

11.809 mi

Kilograms

Pounds

Liters

Gallons

Weight

Volume

* 1. It would also automatically convert from Miles to Kilometers too…

Fahrenheit

Temperature

Celsius

9.654 km

Distance

6 mi

Kilograms

Pounds

Liters

Gallons

Weight

Volume

1. This app would also convert weight from Kilograms to Pounds by parsing the integer or float from user input and would do it **automatically:** 
   1. The user inputs a value for Kilograms and it automatically converts to Pounds…

Volume

Weight

Gallons

Liters

180.81 lbs

82 kg

Miles

Distance

Kilometers

Celsius

Temperature

Fahrenheit

* 1. The user can also convert from Pounds to Kilograms…

Volume

Weight

Gallons

Liters

120 lbs

54.422 kg

Miles

Distance

Kilometers

Celsius

Temperature

Fahrenheit

1. This app would also convert weight from Liters to Gallons by parsing the integer or float from user input and would do it **automatically:**
   1. The user would input a value for Liters then it would auto convert to Gallons…

Volume

Weight

0.661 gl

2.5 l

Pounds

Kilograms

Miles

Distance

Kilometers

Celsius

Temperature

Fahrenheit

* 1. The user could also input a value for gallons and convert back to Liters…

Volume

Weight

2 gl

7.57 l

Pounds

Kilograms

Miles

Distance

Kilometers

Celsius

Temperature

Fahrenheit