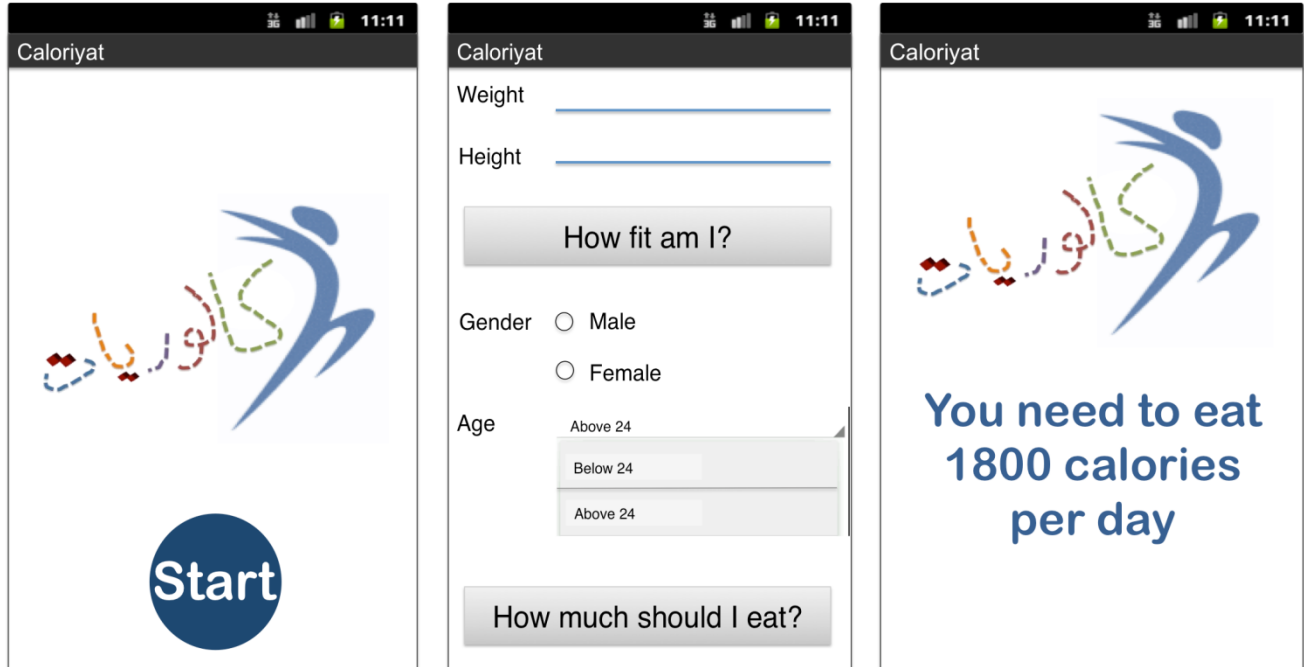


Lab 7 – I3350

Implement the application named *Caloriyat* having the following activities:



The button “How fit Am I?” calculates the user's BMI and displays the result in a toast message. The BMI is calculated as follows:

$$BMI = \frac{weight}{Height^2}$$

When the button “How much should I eat?” is selected, a new activity is opened to inform the user how many calories to eat per day according to the following rules:

| | | |
|-----|--|--------|
| You | Men all ages | should |
| | $665 + (6.3 \times \text{weight in pounds}) + (12.9 \times \text{height in inches}) - (6.8 \times 24)$ | |
| | Women below 24 | |
| | $655 + (4.3 \times \text{weight in pounds}) + (4.7 \times \text{height in inches}) - (4.7 \times 24)$ | |
| | Women above 24 | |
| | $455 + (4.3 \times \text{weight in pounds}) + (4.7 \times \text{height in inches}) - (4.7 \times 24)$ | |

implement the following methods :

```
double toPounds(int weight_in_kg);
```

```
double toInches(int height_in_cm);
```

(1 kilogram = 2.2 pounds)

Use the following images :

