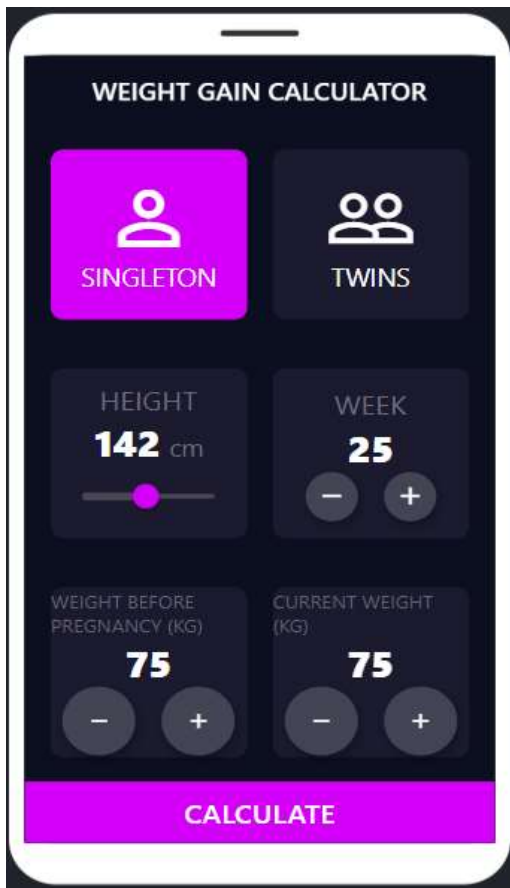


BTP Weight Gain Calculator

Functionality - Pregnancy weight gain calculator provides a recommended weight gain schedule on a week-by-week basis based on pre-pregnancy bodyweight. The app's Interface has been kept too simple and easy-to-use that tells exactly what one needs to know. The user just needs to select the category i.e single or twins, height, ongoing week, weight before pregnancy, current weight and the app will show whether the current weight is in the given range or not and by how much it is more or less than the upper or lower bound range of that week along with the pre-pregnancy BMI.

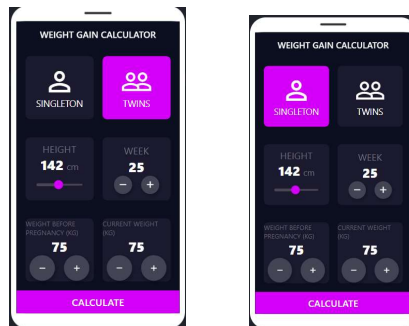
UI Navigation -



So this is how the app's first screen looks like.

As described earlier the apps' interface has been kept too simple and easy to use

Step 1: The user will select the type i.e single or twins.



Step 2: Select the height by using the slider and ongoing week by +/- buttons.

Step 3: Select the weight before pregnancy and the current weight using the +/- buttons.

Step 4: After giving the inputs press the calculate button and the app will show the output (under development) , that is, whether the current weight is in the ideal range or not, by how much its more or less than the upper or the lower bound, pre pregnancy BMI along with all other details that the user has given in the input field.

Business Logic -

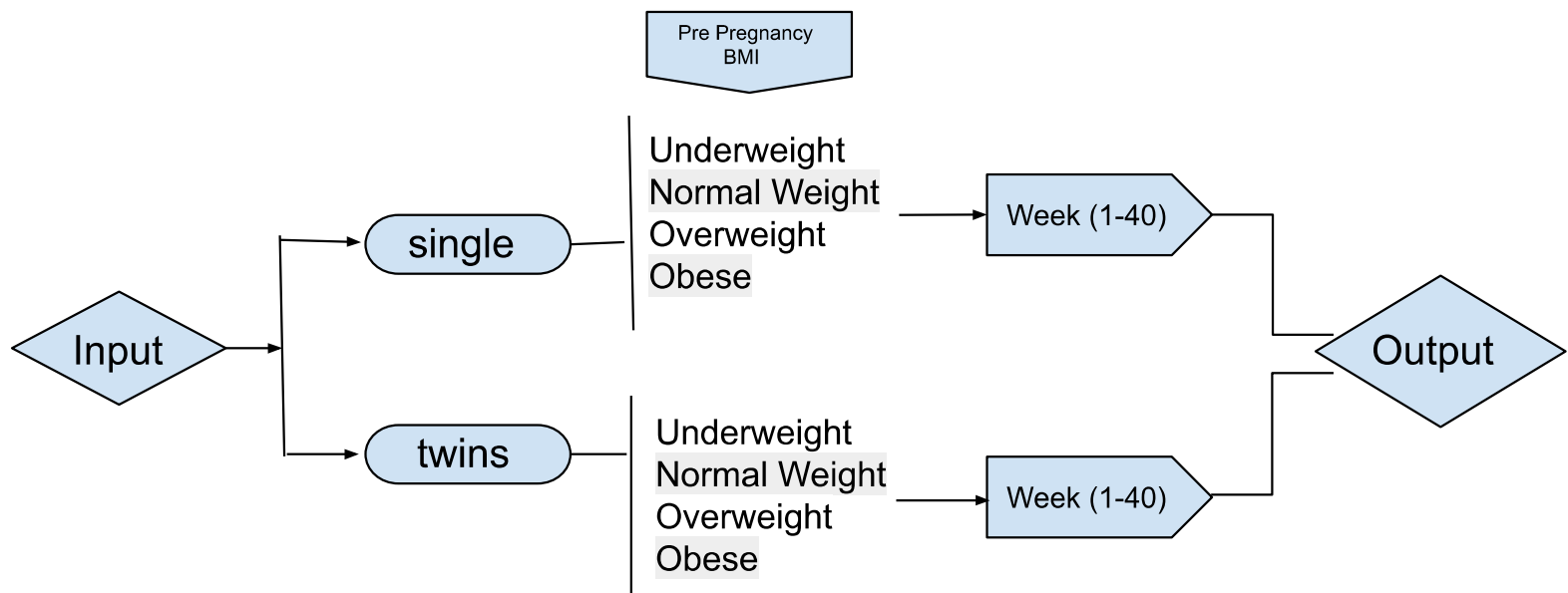
This application provides a recommended weight gain on a week by week basis based on pre-pregnancy BMI.

Based on the Pre Pregnancy BMI and type (single/twin) , the current weight is compared with the ideal weight range of that category (underweight/normal/overweight/obese) for that particular week(1 to 40).

For example- the ideal weight range for week 1 of Overweight category will be different from the ideal weight range for week 1 of Underweight category

Similarly

the ideal weight range for week 1 of Obese category(type:Single) will be different from the ideal weight range for week 1 of Obese category (type:Twins).



Github Code Link: https://github.com/ajayworld02/BTP_WeightCalculator

ETA :
15-09-2022