Assignment for Jackfruit

Task: Design a basic <u>responsive web app</u> that takes a few input parameters from the user and calculates the user's taxable income

Steps:

*(Words in **bold** are just to indicate the different variables. You may use any nomenclature that you feel comfortable with)*

1. Any individual's salary consists of different components: Basic, LTA, HRA, Food Allowance etc. Ask the user to input these 4 parameters (**Bas, LTA, HRA, FA**)

2. Ask the user to input the following:
   a. Investments under section 80C **(Inv)**
   b. Actual Rent paid by user **(Rent)**
   c. User stays in Metro/Non metro city **(CityType)**
   d. Mediclaim policy premium paid by user **(Med)**

3. Compute the applicable HRA (called **AppHRA**) as follows:
   a. If user lives in metro city, **AppHRA** is calculated as minimum of the below 3:
      - 50% of **Bas**
      - **Rent** - 10% of **Bas**
      - **HRA**
   b. If user lives in non-metro city, **AppHRA** is calculated as minimum of the below 3:
      - 40% of **Bas**
      - **Rent** - 10% of **Bas**
      - **HRA**

4. Store all entered values in db and display values to user in a popup before he/she submits

5. After user confirms and submits data, compute Taxable Income **(TaxInc)** as follows:
   - **TaxInc = (Bas + LTA + HRA + FA) - AppHRA - Inv - Med**

6. Display Taxable Income to the user

Login functionality is required before the user inputs data.

UI should be clean and aesthetically pleasing, as far as possible. Use of some animations in the front end will be a plus point for the candidate

The github link/file needs to be shared within 2 days of receiving assignment. If the candidate can deploy it on Heroku/AWS or any other platform, it would be an added advantage.
Tech Stack: Front end - React; Backend - Nodejs, Database - MongoDB (preferable) or SQL