

# TASK 1

## THE TECH STACK USED

Backend : A Restful API built using Node.js and tested on Postman

FrontEnd : Build completely using React.js

Database : MongoDB Atlas

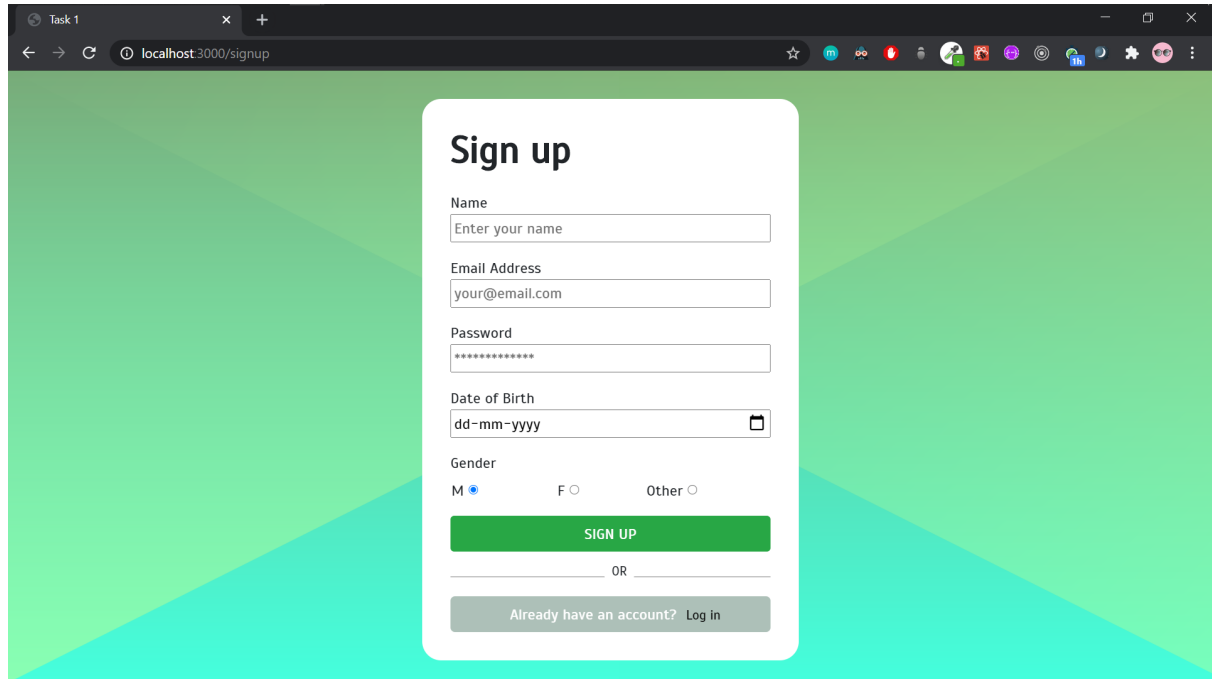
## OVERVIEW OF THE PROJECT

1. The SIGNUP page :-
  - a. The entered details of a validated user will be saved in the database
  - b. It is completely **responsive**
  - c. It also has **custom validations** (Server-Side validation)
  - d. It **redirects to the Welcome page if the user is validated**
  - e. The user is also **assigned a json-web-token** at the time of registration and login which can be used later on to access private routes.
  - f. It **has a link that can redirect users to the login page**
2. The LOGIN page :-
  - a. **If the user exists in the database then directed to the Welcome page**
  - b. It is completely **responsive**
  - c. It also has **custom validations** (Server-Side validation)
  - d. The user is also **assigned a json-web-token** at the time of registration and login which can be used later on to access private routes.
  - e. It **has a link that can redirect users to the signup page**
3. The WELCOME page :-
  - a. It **displays a welcome message along with the name of the user**
  - b. It is a **protected route** i.e the user has to basically login or register to access.
  - c. It also **has a logout button**. The concept used to protect is storing the **token provided at the time of login** or register and accessing api.
  - d. It is completely **responsive**

# THE SIGN UP PAGE

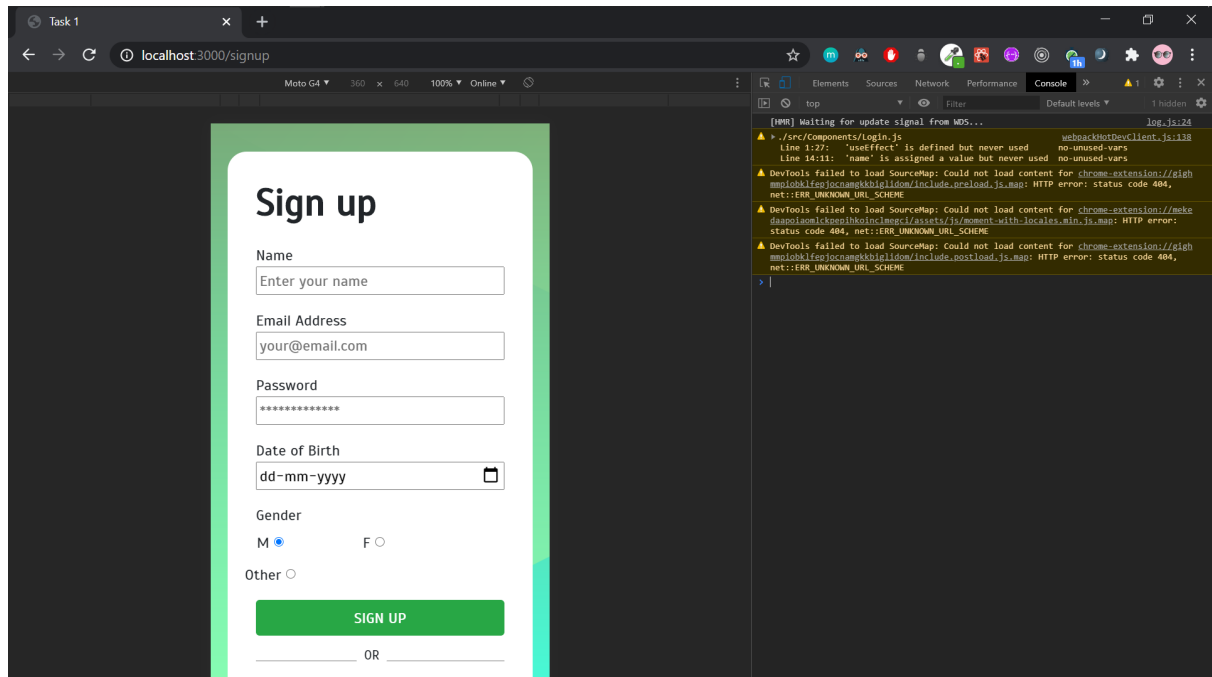
## RESPONSIVENESS :-

On desktops :-



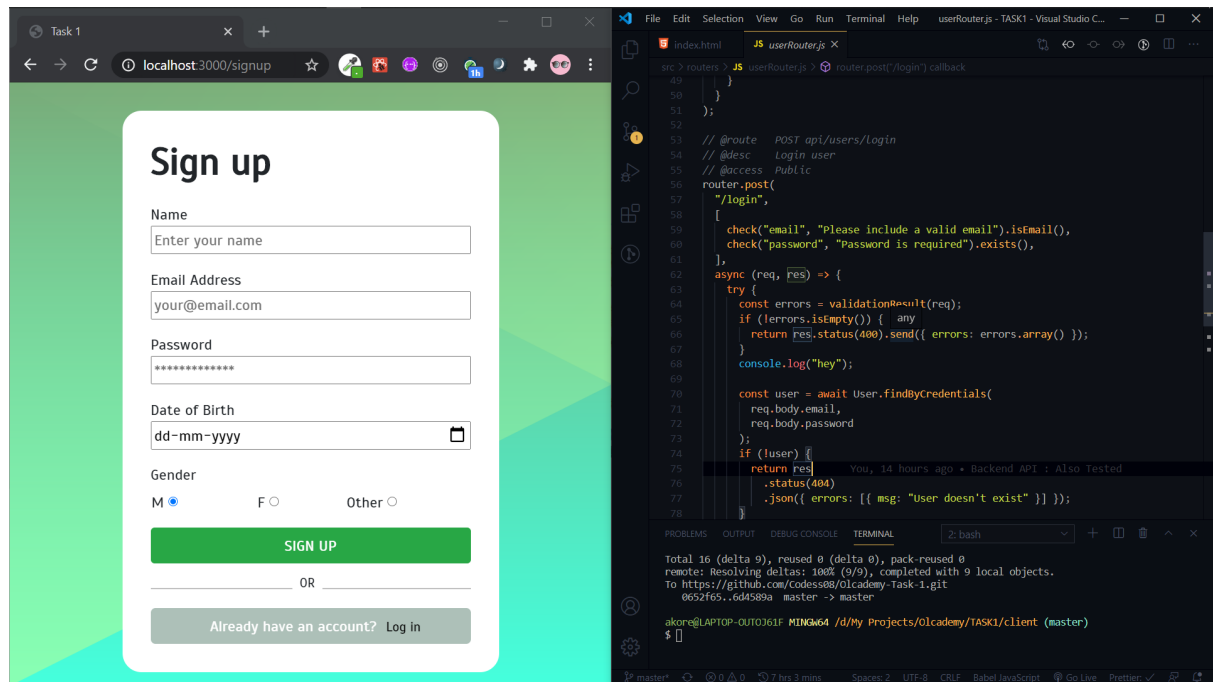
A screenshot of a web browser displaying a sign-up form on a desktop. The browser's address bar shows 'localhost:3000/signup'. The form is centered on a green and blue geometric background. It includes fields for Name, Email Address (pre-filled with 'your@email.com'), Password, Date of Birth (with a calendar icon), and Gender (with radio buttons for M, F, and Other). A green 'SIGN UP' button is below the form, followed by an 'OR' separator and a link to 'Log in' for existing users.

On phones :-



A screenshot of the same sign-up page viewed on a mobile device (Moto G4) through a browser's developer tools. The form is scaled to fit the mobile screen. The right-hand DevTools panel is open, showing the 'Console' tab with several error messages related to DevTools loading SourceMaps and a 'Waiting for update signal from MDS...' message. The form fields and layout are visible on the left side of the screen.

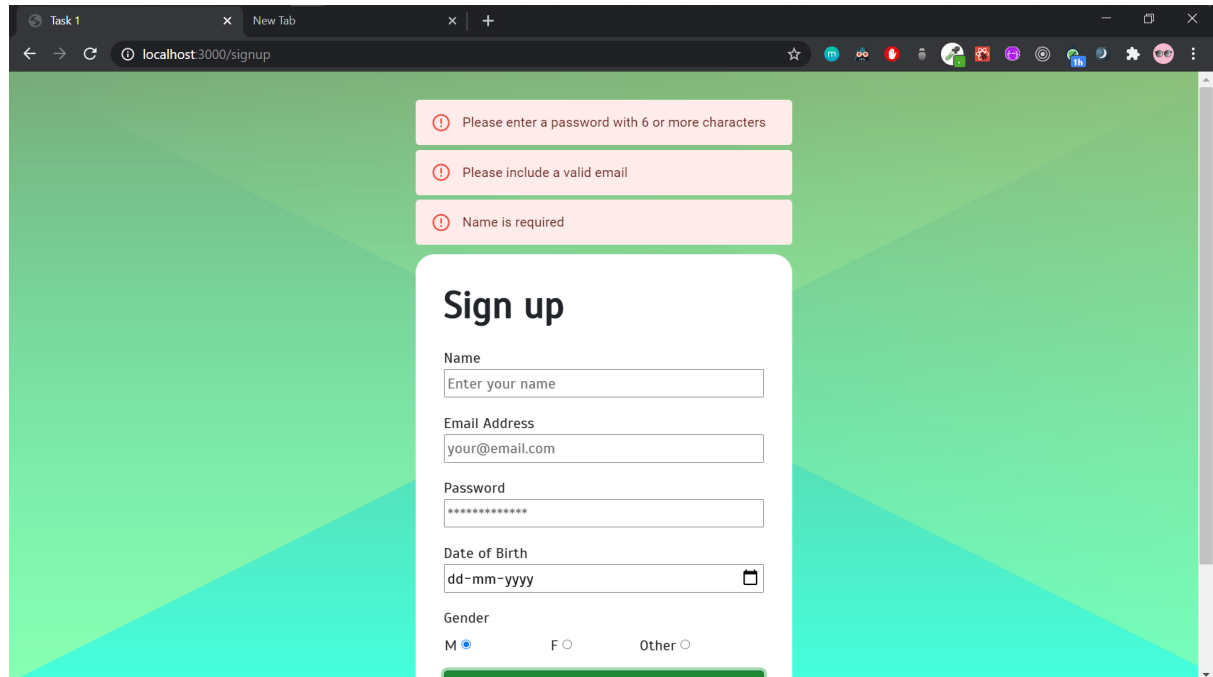
On desktops: (this is when screen is half the total screen)



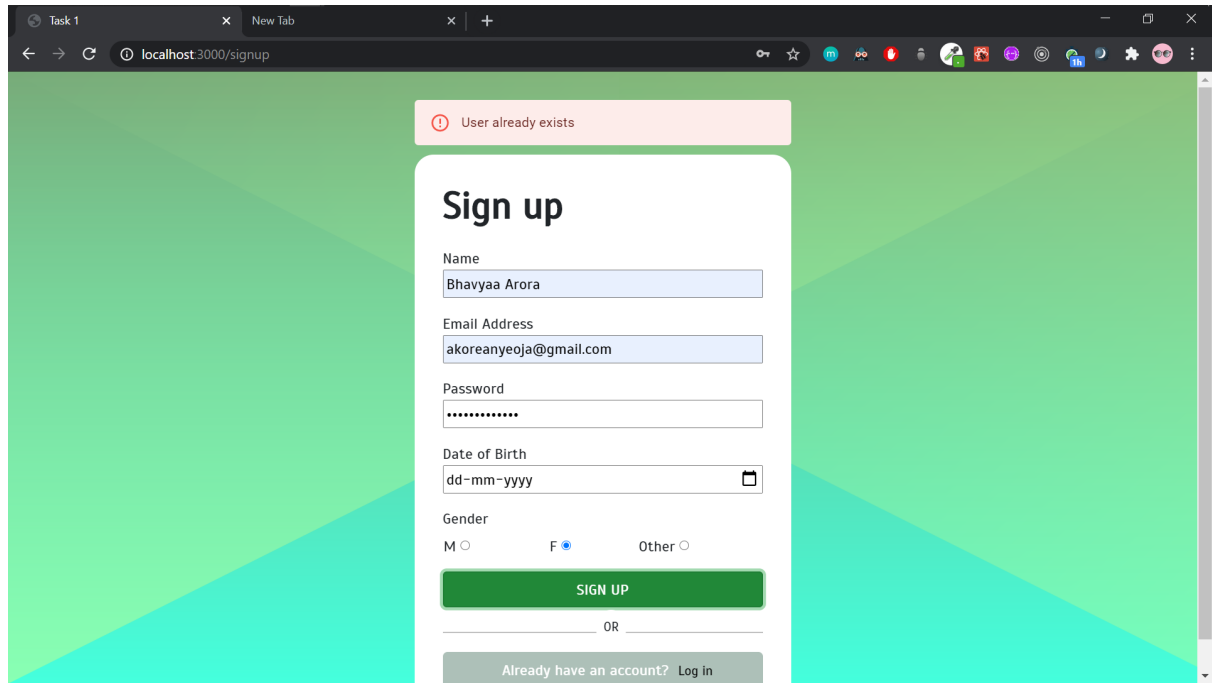
As you can see it is responsive.

## VALIDATIONS:-

When an empty form is submitted



When a user already exists with the email Id entered



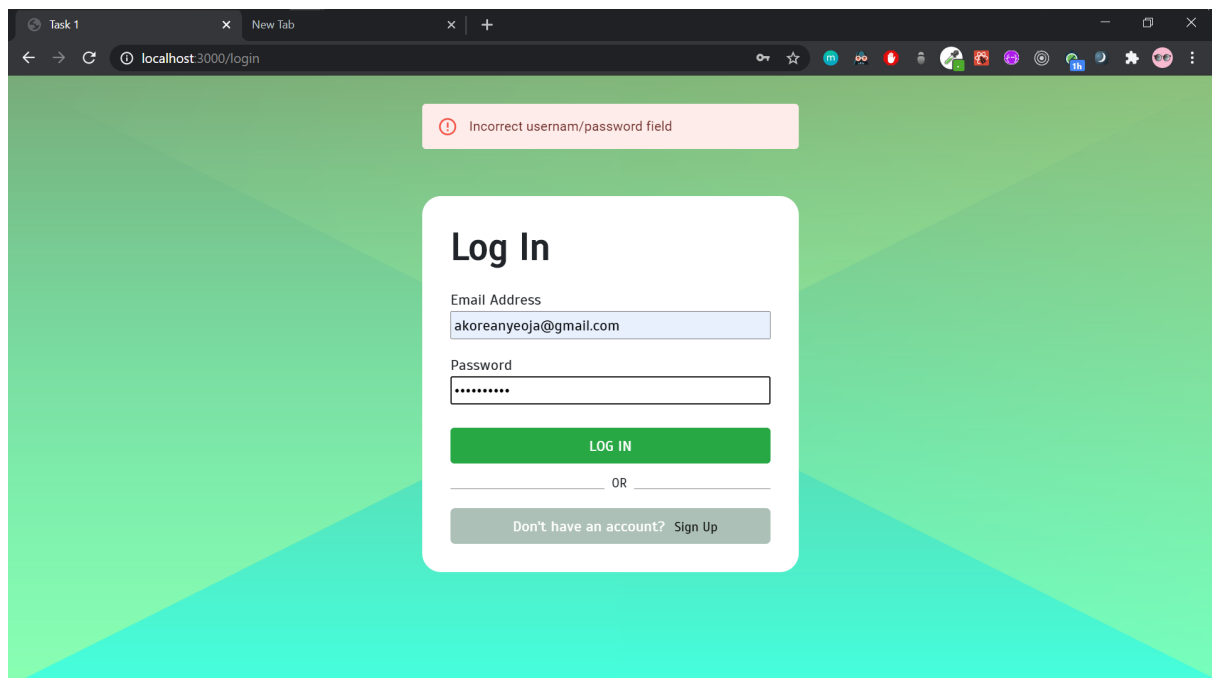
The screenshot shows a web browser window with the address bar displaying 'localhost:3000/signup'. The page features a green and blue geometric background. A white sign-up form is centered, with a red error message at the top: 'User already exists'. The form fields are: Name (Bhavyaa Arora), Email Address (akoreanyeoja@gmail.com), Password (masked with dots), Date of Birth (dd-mm-yyyy), and Gender (M, F, Other). A green 'SIGN UP' button is at the bottom of the form, with an 'OR' separator and a link to 'Log in' below it.

These are just some custom validations, more can be added as per required.

## THE LOG IN PAGE

**VALIDATIONS:-** (it also has all the validations as the signup page)

When user doesn't exist/ entered details are wrong

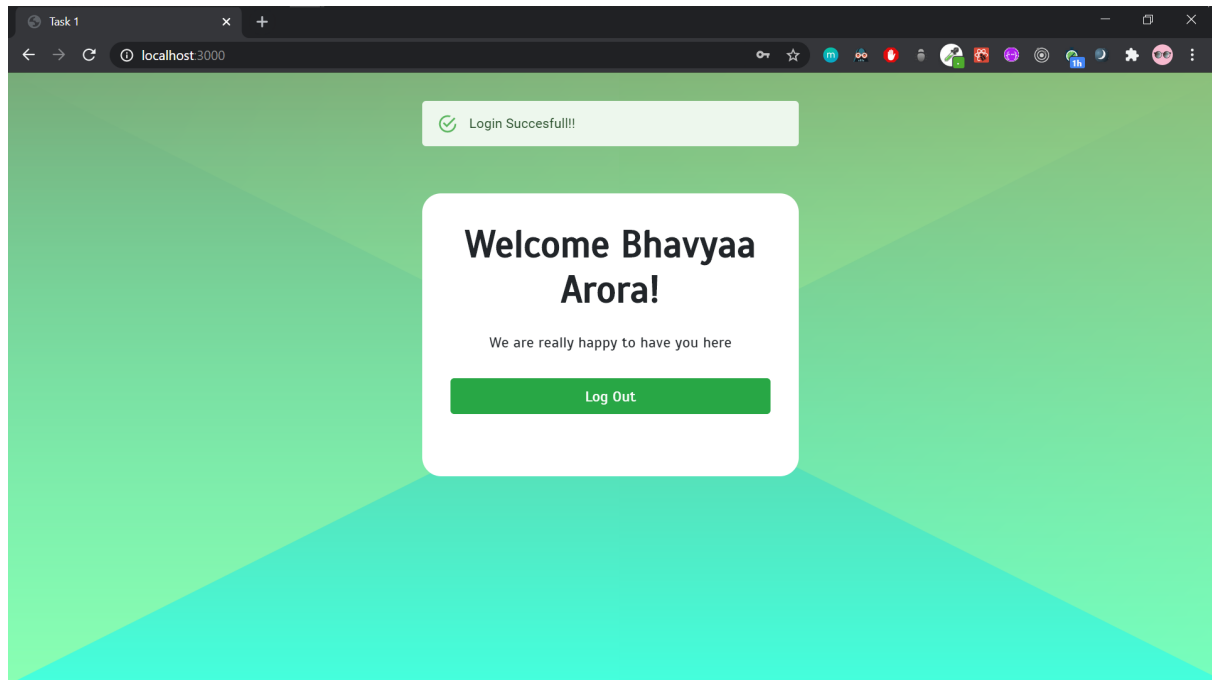


The screenshot shows a web browser window with the address bar displaying 'localhost:3000/login'. The page features a green and blue geometric background. A white log-in form is centered, with a red error message at the top: 'Incorrect usernam/password field'. The form fields are: Email Address (akoreanyeoja@gmail.com) and Password (masked with dots). A green 'LOG IN' button is at the bottom of the form, with an 'OR' separator and a link to 'Sign Up' below it.

**PS : RESPONSIVENESS :-** (same as the sign up page)

## THE WELCOME PAGE

A welcome message along with the entered at the time of registration is displayed



## EXTRAS:-

Messages on successful signup, login and logout. These messages get removed after 5 secs. Same is the case with the other alerts.

