

## Create a Full stack application (MERN fullstack) by creating your own user API with the following properties:

- **id:** Type - Number - Auto-Increment,
- **first\_name:** Type - String,
- **last\_name:** Type - String,
- **company\_name:** Type - String,
- **city:** Type - String,
- **state:** Type - String,
- **zip:** Type - Number,
- **email:** Type - String,
- **password:** Type - String - Encrypted,
- **web:** Type - String,
- **age:** Type - Number

## Application functions: (Use own CSS properties / styling library for creating proper UI)

### Home Page and Users Page:

1. **Home Page:** Should have a Registration form and Login form and a tab to navigate to **Users Page**. Registration form should have all the fields equivalent to the above mentioned user API properties. Login form should have username and password fields (Use Google Authentication, if possible: not mandatory).
2. Details entered in the Registration form should be stored in database, as well as displayed in **Users page** as a table with column first\_name, last\_name, email, web, city, state along with a tab to navigate to **Home Page**.
3. Once the user logged in with the corresponding username name and password, user should redirect to **Details** page on a separate route with LOGOUT option.
4. Website links (web) should open in a new browser tab

### Users Page:

This page should have the following options:

**Search:** Allow to search using first\_name or last\_name

**Pagination:** Data should be paginated and the UI should look like:



**Sort:** All columns should be sortable in both ascending and descending order

### Details Page:

1. Detail page should show all fields of user with edit option. (Updating the field details should reflect in database immediately)
2. Clicking on LOGOUT button should redirect to Login (Home) page

**Routing:**

Home Page: '/'

Users Page: **'/users'**

Details Page: **'/users/<user id>'**

1. Users page and Detail pages should be on their respective routes:
2. Route for Users page should be /users
3. Route for Detail page should /users/<id> (e.g: /users/2, if id of user is 2)