User CRUD Operations

Problem Definition:

Create a Frontend application to allow performing CRUD operations on the User Entity.

All the API endpoints are documented using Postman Collection. Below is the link for the postman API.
https://www.getpostman.com/collections/52af0fe2418e94e65eb2

The backend API's to be integrated in the Frontend Application is located below
https://user-crud-ops-app.herokuapp.com/

HTML assets are provided to speed up the development process. All assets can be found in **ui-assets** folder.

Once the implementation is completed. Host the application on any platform of your choice example: Heruko, Vercel, Netlify. Share the **hosted link** along with the **repository link** in the email.

Entity Definitions:

1. User

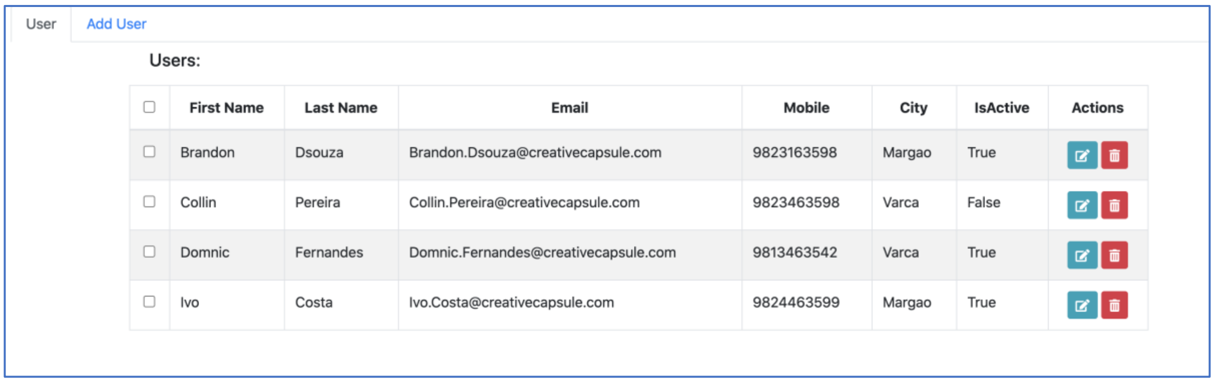
- id
- userEmail
- firstName
- lastName
- city
- mobile
- isActive

NOTE: Implement proper validation for email and mobile number when accepting inputs from the user.

FE Tasks:

1. **List Users**

   Create a grid to display the list of users already added in the system



User | Add User

Users:

☐	First Name	Last Name	Email	Mobile	City	IsActive	Actions
☐	Brandon	Dsouza	Brandon.Dsouza@creativecapsule.com	9823163598	Margao	True	
☐	Collin	Pereira	Collin.Pereira@creativecapsule.com	9823463598	Varca	False	
☐	Domnic	Fernandes	Domnic.Fernandes@creativecapsule.com	9813463542	Varca	True	
☐	Ivo	Costa	Ivo.Costa@creativecapsule.com	9824463599	Margao	True	

API Endpoints:

get : /user/ --- this endpoint should return all the users in the system
get : /user/:id – this endpoint should return the user with the given {id}.

Optional: (attempt this only if you manage to complete all the other tasks)

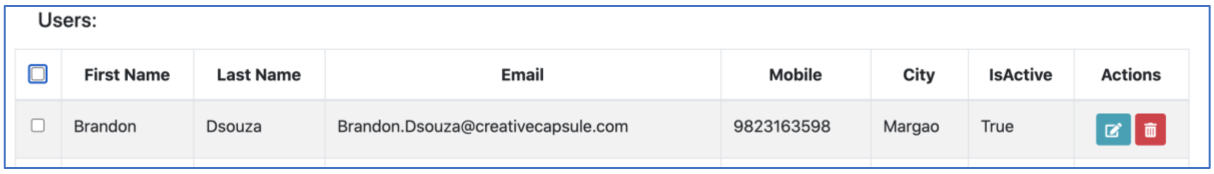
Implement Client side pagination.

2. **Delete User**

   allow deletion of an existing user. Clicking on the **delete button** should delete the user from the system.

API Endpoints:

delete :/user/:id -- delete the existing user with provided {id}



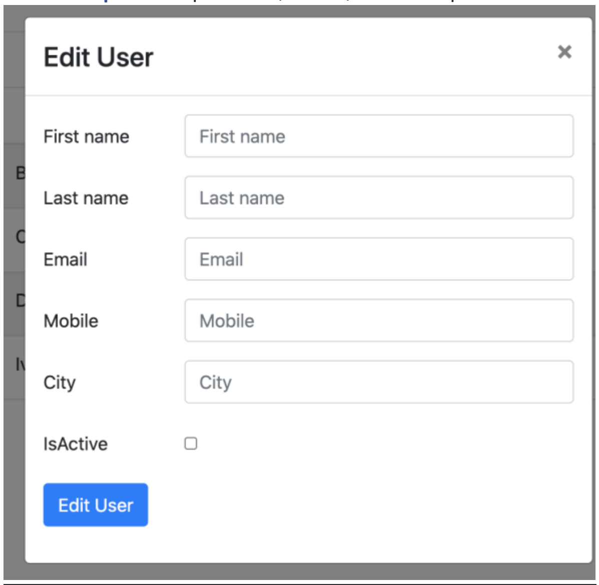
Users:

☐	First Name	Last Name	Email	Mobile	City	IsActive	Actions
☐	Brandon	Dsouza	Brandon.Dsouza@creativecapsule.com	9823163598	Margao	True	

3. Update User

UI to update existing user. Clicking on the **Edit Button** on UI should show the pop up modal to edit the selected User details.

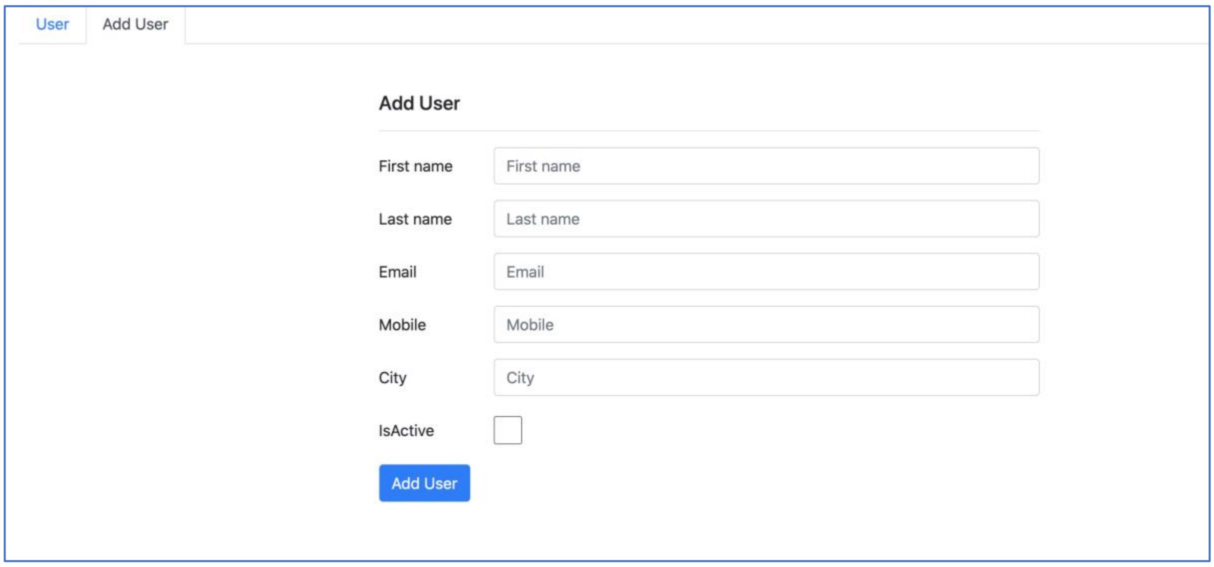
API Endpoints:patch :/user/:id -- update the existing user with provided {id}



4. Create User

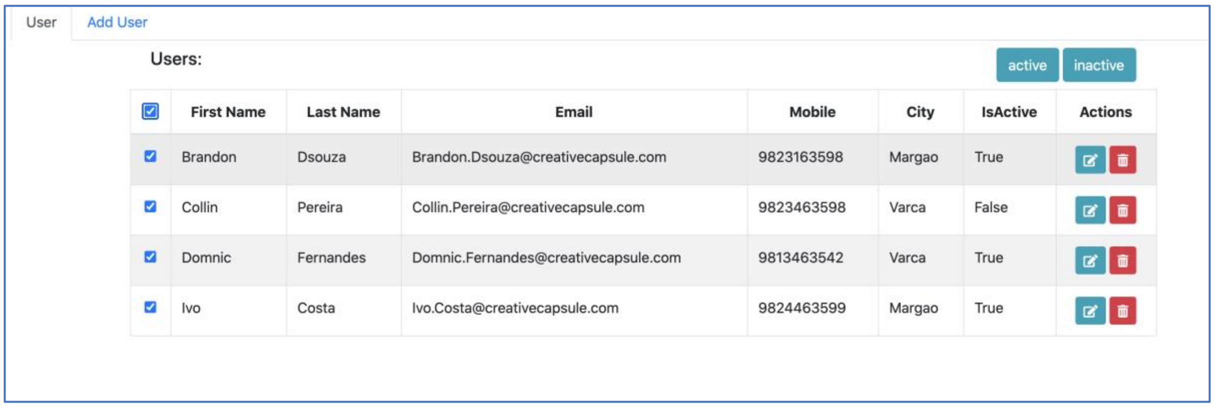
allow adding a new user. On the Add tab after filling the required details of the user, a new user should be added successfully in the system. Display appropriate validation error messages on the UI

API Endpoints:
post : /user/ --- create a new user



5. **Activate/Deactive Multiple Users**
   Allow Activating / Deactivating Selected users

   API Endpoints:
   post: /user/activate – activate or deactive multiple users
   {
   "isActive":true
   "users":[id-1,id-2,id-3]
   }



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☑	Ivo	Costa	Ivo.Costa@creativecapsule.com	9824463599	Margao	True	

NOTE:
- **Work on Each task individually, don't try to complete all the tasks together.**
- **You are advised to commit your changes once each task is complete and push to GitHub.**
  While committing your changes put proper commit messages.
  Hint: Use Conventional commits messages

Expected output:

- All the expected API Endpoints should be documented in the Postman Collection.
- Invoking the Postman API endpoint should give the expected results.

Tech Stack:

The following tech stack should be used to implement the task.

- Framework : React/Angular/Vue Svelte
- API URL :
- API Documentation : Postman

Task Resources:

- HTML assets are provided for implementing the UI. So that you have an idea of how the Front end will consume the application. All assets are kept in **ui-assets** folder
- Postman Collection :
  https://www.getpostman.com/collections/52af0fe2418e94e65eb2
- API Endpoints:
  https://user-crud-ops-app.herokuapp.com/