GEMS Web Team Backend Task

Instructions

You are assigned with the task of developing an API using SQL as the underlying database. While you have the flexibility to choose a programming language of your familiarity. A comprehensive document outlining the API's specifications and expected functionality has been provided alongside this correspondence.

1. **API: Invitation (private)**

   This API can be used by a user to invite anyone by entering their details. This doesn't create a new user account (invitee will not be able to login), that can be done through the create user API

   1. Name
   2. Email
   3. Phone number
   4. Alternate email id (optional)
   5. Organizations (optional)
        a. Organization name
        b. Role in organization
        c. Valid till (date)

   Response should have a unique id with which the invitee can sign up

2. **API: Sign up (public)**

   The invitee should be able to Sign up and set a password using the unique id returned by the invitation API

3. **API: Login (public)**

   Any user should be able to login through this API using email and password. The response should contain the user's details

4. **API: Logout (private)**

   User should be able to logout of a session through this API

5. **API: Edit user (private)**

   Any user should be able to edit their own details
   User should be able to
   - Edit user information which was entered through the invitation API (their own information only)
   - Add/change profile picture