

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, Node.js is highly recommended. 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