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SWE432

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Homework 4

Implementing First Half of Final Project Backend

Heroku App URL: https://limitless-woodland-55985.herokuapp.com/

utuezi is a web app that will create and manage appointments and connect them with people's Google Accounts. The app will create, edit, and delete appointments. Appointments will include all of the people involved, which will receive email reminders for their appointments. People invited to appointments will be able to accept them or reject them. The app will interact with the Google Calendar API to create Google Calendar events. The app will have a main screen whith the most recent appointments, and it will also have a list of contacts.

The app will be able to provide the following services as endpoints. Highlighted :

1) View, create, modify, and delete users
   - POST /users/:userID/email/:email
   - PUT /users/:userID/email/:email
   - DELETE /users/:userID
   - GET users/:userID

2) Create, modify, and delete appointments
   - POST /usesrs/:userID/appointments
   - PUT/DELETE /users/:userID/appointments/:appointmentID

3) View this month's appointments
   a) GET /users/:userID/appointments/month

4) View all appointments
   a) GET /users/:userID/appointments

5) View user profile
   a) GET /users/:userID

6) Search for appointments by month
   a) GET /users/:userID/apppointments/:month

7) Search for a specific friend's profile within your friends list
   a) GET /users/:userID/friends/:userID

8) Get all users
   a) GET /users/

9) Add and remove friends
   a) PUT /users/:userID/friends/:friendID
   b) DELETE /users/:userID/friends/:friendID

10) Add, modify, delete reminders
   a) POST /users/:userID/reminders/:reminderID/date/:date/
   b) PUT /users/:userID/reminders/:reminderID/friends/:friendID
   c) PUT /users/:userID/reminders/:reminderID/date/:date
   d) DELETE /users/:userID/reminders/:reminderID
   e) DELETE /users/:userID/reminders/:reminderID/friends/:friendID