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SWE432
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10/05/2017

Homework 5

Implementing Second Half of Final Project Backend

Heroku App URL: <https://mighty-everglades-60071.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 with the most recent appointments, and it will also have a list of contacts.

CHANGES

After switching the code to follow better data transfer practices for POST, PUT, DELETE requests (by using body-parser instead of the URI itself), I had to reconstruct my endpoints. In the process, the endpoints now follow RESTFUL guidelines more closely.

The app will be able to provide the following services as endpoints. Highlighted in **yellow** are the ones implemented for HW4 (previous versions are below current implementation). The same goes for HW5 implementations. These are highlighted in **cyan**, and they are the ones implemented in HW5:

- 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 /users/:userID/appointments**

- PUT/DELETE /users/:userID/appointments

(Previously) PUT/DELETE /users/:userID/appointments/:appointmentID

3) View this month's appointments

- a) GET /users/:userID/this_month

(Previously) 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/appointments/: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/

(Previously) POST /users/:userID/reminders/:reminderID/date/:date/

- b) PUT /users/:userID/reminders/

(Previously)

PUT /users/:userID/reminders/:reminderID/friends/:friendID

PUT /users/:userID/reminders/:reminderID/date/:date

- c) DELETE /users/:userID/reminders/

(Previously)

DELETE /users/:userID/reminders/:reminderID

DELETE /users/:userID/reminders/:reminderID/friends/:friendID

11) Add connection to Google Calendar API and list events in calendar

(Previously) None. This was added recently.