Documentation

Accounts:

API Endpoints:
- 'register/'
    - Description: Register a new user.
    - Method: POST
    - Payload: username, password, first_name, last_name, email
- 'login/'
    - Description: Login a user and generate access and refresh tokens.
    - Method: POST
    - Payload: username, password
- 'logout/'
    - Description: Logout the current user
    - Method: POST
    - Payload: N/A
- 'account/edit/'
    - Description: Edit the current user's account details.
    - Method: PUT
    - Payload: username, password, first_name, last_name, email

Contacts:

Model Design:
- first_name: (required)
- last_name: (required)
- email_address : (required)

API Endpoints:
- 'contacts/create/'
    - Description: This endpoint allows a user to create a contact
    - Method: POST
    - Payload: first_name, last_name, email_address
- 'contacts/<contact_id>/details/'
    - Description: This endpoint allows a user to view a contact
    - Method: GET
    - Payload: No payload required, but contact_id is required in the url
- 'contacts/<contact_id>/edit/'
    - Description: This endpoint allows a user to edit details of a contact
    - Method: PUT/PATCH
    - Payload: None, first_name or last_name or email_address
- 'contacts/delete/?contact_ids='
    - Description: This endpoint allows a user to delete one or more contacts

- Method: DELETE
- Payload: None, but the contact_id(s) the user wants to delete is required in the url
- Example: contacts/delete/?contact_ids=1,2,3
- 'contacts/list/all'
    - Description: This endpoint allows a user to view all of its contacts
    - Method: GET
    - Payload: None

Schedules:

Model Design:
- title: (required)
- description: (required)
- invitee : (required)
- duration : (default 30 minutes)
- owner : (set to user)
- date: (required)
- finalized:

API Endpoints
- schedules/create
    - Description: Allows Authenticated User to create a Schedule
    - Method: POST
    - Payload: title, description, invitee, date
- schedules/<int:schedule_id>/details
    - Description: Allow Authenticated Users to see a Schedule's details
    - Method: GET
    - Payload: None
- schedules/<int:schedule_id>/edit
    - Description: Allow Schedule Owner to change Schedule fields
    - Method: PUT/PATCH
    - Payload: title, description, invitee, date
- schedules/<int:schedule_id>/delete
    - Description: Allow Schedule Owner to delete Schedule fields
    - Method: DELETE
    - Payload: None
- schedules/list/all
    - Description Allow Authenticated Users to see a all their Schedules
    - Method: GET
    - Payload: None
- schedules/<int:schedule_id>/delete
    - Description: Allow Schedule Invitee to accept or request a new time
    - Method: POST

- Payload: action, suggested_time
    - Example:
        - {"action": "accept"}
            - Result: Finalizes schedule and sends confirmation email to owner and invitee
        - {"action": "request_new_time", "suggested_time": "<YYYY-MM-DD H:M> "}
            - Result: Sends New Time Request Email to Owner