Backend Documentation

How to start and run our back-end:
`python3 -m venv venv

source venv/bin/activate

pip3 install -r requirements.txt

flask init-db

flask --debug run`

Sessions

Sessions will be added in future sprints as a way for logged in users to access their profile and use the system. This has been implemented this sprint.

Methods

get_db()

Params: None

Return: g.db (the database)

close_db()

Params: e=None

Return: Nothing (closes database)

init_db()

Params: None

Return: Nothing (initializes the database)

init_db_command()

Params: None

Return: Nothing (clears existing data and sets up database)

init_app(app)

Params: app

Return: Nothing (registers database handling functions with the app)

__init__()

Params: self, groupID, name, activity

Return: Nothing (initializes the group)

search()

Params: self, groups, activity

Return: group (the groups that match the searched activity)

route()

Params: None

Return: returns "Hi" (just a test route)

example()

Params: None

Return: {'messages': list(map(dict, messages))}

login()

Params: None

Return: returns redirect('/')

logout()

Params: None

Return: returns redirect('/')

register()

Params: None

Return: returns redirect('/register')

Create_Group()

Params: None

Return: None

__init__()

Params: self, firstName, lastName, email, password, address

Return: Nothing (initializes a user)

getFirstName()

Params: self

Return: self.firstname

getLastName()

Params: self

Return: self.lastname

getEmail()

Params: self

Return: self.email

getPassword()

Params: self

Return: self.password

getAddress()

Params: self

Return: self.address

loginUser()

Params: email, password, db

Return: User(firstName, lastName, email, password, address

logoutUser()

Params: email, db

Return: None

registerUser()

Params: firstName, lastName, email, password, address, db

Return: new_usr

account_information()

Params:

Returns: {'messages': info}

join_group()

Params:

Returns: None