MVP Plan Submission

Title

Bored by Taxes (aka ADHaiD)

Target Audience

Adults with ADHD who are need in financial or material assistance due to the impacts of "ADHD Tax"

Description

"ADHD Tax" crowdfunding platform.

ADHD tax is best understood as "the price you pay for costly mistakes due to symptoms of ADHD" (Avery 2019). The obvious examples are late fees, forgotten and spoiled groceries, impulsive purchases and similar consequences of the poor memory, executive function, and impulse control known in ADHD. It is also understood as the hidden costs that are not measured in dollars, but "measured in wasted time, physical well-being, mental health, personal freedom (vs. incarceration), and — yes — years on your life." (Avery 2019)

This crowdfunding platform will focus on the most important needs of persons with ADHD that have large upfront costs, and that are related to quality and longevity of life. Things that that they may struggle to afford due to the accumulated effects of every day "ADHD tax" on their finances or large and unexpected "ADHD tax" expenses. It may also be to access services/support that may help prevent future "ADHD tax".

Features

Create user accounts with username, email, password as required fields. Users are able post their own projects and pledge to other's projects. Ability to change password.

Additional features post MPV

An annual limit on projects to deter abuse (attempted this feature but not completed). Ability to update and/or delete projects and pledges. Ability to like and respond to comments. Ability to report projects that are inappropriate. Ability to filter projects by owner. Ability to add categories and/or tags and filter by these.

Link to GitHub Repository

https://github.com/SheCodesAus/she-codes-crowdfunding-api-project-katitaliano/upload/main

Link to Deployed Project

https://wild-meadow-5490.fly.dev/projects/

How to create a new user

```
curl --request POST \
  --url http://localhost:8000/users/ \
  --header 'Content-Type: application/json' \
  --data '{
    "username": "Test2."

    ,
    "email":
        "test2@test.com"

,
    "password":
        "not-real-password"
}
```

How to create a new project

```
curl --request POST \
  --url http://localhost:8000/projects/ \
  --header 'Authorization: Token fe8568a49428ac40341e0689e72c870ddac64492' \
  --header 'Content-Type: application/json' \
  --data '{
        "title": "Donate a rabbit",
        "description": "Please help, we need a cat for she codes plus, our class
lacks hops.",
        "target": 1,
        "image": "https://www.readersdigest.ca/wp-
content/uploads/2020/04/GettyImages-694542042-e1586274805503.jpg",
        "is_open": true,
        "date_created": "2023-01-29T14:53:44.238Z",
        "owner": 1
    }
```

API Specification

HTTP Method	URL	Purpose	Request Body	Successful Response Code	Authentication/Authorization
GET	/projects/	Returns all projects.	N/A	200	N/A
POST	/projects/	Create a new project.	Project object.	201	Must be logged in.
GET	/projects/1/	Returns the project with ID of "1".	N/A	200	N/A
PUT	/projects/1/	Updates the project with ID of "1".	Project object.	200	Must be logged in. Must be the project owner.
POST	/pledges/	Create a new pledge	Pledge object.	201	Must be logged in. Must not be the owner of the project.
GET	/pledges/	Return all pledges	N/A	200	N/A
GET	/pledges/1/	Get the pledge with ID of "1".	N/A	200	N/A
GET	/users/	Returns all users	N/A	200	N/A
GET	/users/1	Returns detail for user with ID 1	N/A	200	N/A
POST	/users/	Create a new user	User object	201	N/A
PUT	/users/change_password/1/	Updates password for user with ID 1	Old and new password objects	200	Must be logged in.

Database Schema

User

PK	ID
U	username
	email
	password

Project

PK	ID
U	title
	description
	target
	image
	is_open
	date_created
FK	owner

Pledge

PK	ID
FK	project
FK	supporter (user)
U	amount
	comment
	is_anonymous