Tyler Cope

CS496 Final Project (Cloud Only)

The layout of my project is for people who would like to volunteer, and create volunteer projects. It supports infinite users and uses Google's Sign-In in order to grant users access tokens to create people and projects. Once there are people and projects, people can then be assigned to those projects. I implemented this using localhost (since there was no requirement that it must be hosted on a live site). Here is a list of the routes my API uses as well as the verbs that work with the routes:

URLs

GET/people

Returns all the people associated with a user

GET/people/{{personID}}

Shows a user a single person they have created

POST/people

Creates a new person

PATCH/people/{{personID}}

Allows users to edit data for specific people

PUT/people/{{personID}}

Allows users to entirely replace people

DELETE/people/{{personID}}

Deletes a person and removes them from a project if necessary

GET/projects

Returns all projects specific to user

GET/projects/{{projectID}}

Returns a specific project for the user

POST/projects

Creates a new volunteer project. Can be used to assign people to the project

PATCH/projects/{{projectID}}

Updates project information. Can also be used to assign a people to a project

PUT/projects/{{projectID}}

Replaces a project entirely. Final way to assign people to a project.

DELETE/projects/{{projectID}}

Completely removes a project.

GET /

Gets the main site.