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SheCodes Plus – Crowdfunding app

MVP

Logo, company name

Description automatically generated

Locally is a new crowdfunding platform that focuses on benefitting the community.

Based on their location, users can support projects that matter to them directly:

they can pledge monetary donations as well as volunteer their time, skills or resources.

MAIN FEATURES:

Create users (owners and donors)

Create projects and set what type of donation is needed

Update/delete projects

Update/delete users

View all projects (if not logged in)

View projects based on your location (if logged in)

Support a project with a donation of Money, Time, Skill or Resources

ADDITIONAL FEATURES:

Map view as well as List view for projects

Filter projects based on your interests or the type of donation

Comment to support projects

View who of your friends supported a project

Share on social media links

API SPECIFICATION

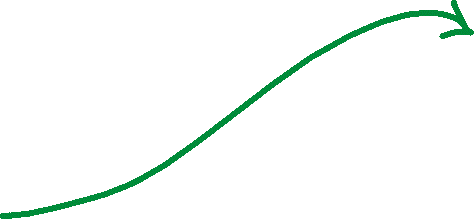
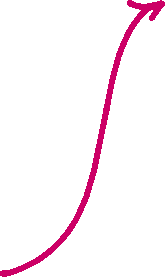
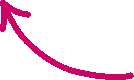
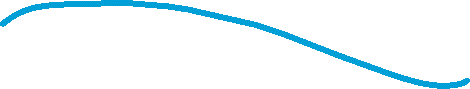
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HTTP Method** | **URL** | **Purpose** | **Request Body** | **Successful Response code** | **Authentication/ Authorization** |
| POST | /api/users/ | Create user | User object | 201 | N/A |
| PUT | /api/users/ | Update user | User object | 201 | Must be logged in as the user |
| DELETE | /api/users/ | Delete user | N/A | 200 | Must be logged in as the user |
| GET | /api/users/ | View all users | N/A | 200 | N/A |
| GET | /api/users/*location*/ | View local users | N/A | 200 | Must be logged in |
| POST | /api/projects/ | Create project | Project object | 201 | Must be logged in |
| PUT | /api/projects/ | Update projects | Project object | 201 | Must be logged in as the project owner |
| DELETE | /api/projects/ | Delete projects | N/A | 200 | Must be logged in as the project owner |
| GET | /api/projects/ | View all projects | N/A | 200 | N/A |
| POST | /api/projects/*ID*/ | Comment on specific project ID | Comment object | 201 | Must be logged in |
| GET | /api/projects/*ID*/ | View specific project ID | N/A | 200 | N/A |
| GET | /api/projects/*location*/ | Filter projects by proximity to user location | N/A | 200 | Must be logged in |
| GET | /api/projects/*interest*/ | Filter projects by interest | N/A | 200 | N/A |
| GET | /api/projects/*donations*/ | Filter projects by donation type | N/A | 200 | N/A |
| POST | /api/donations/ | Donate to a project | Donation object | 201 | Must be logged in |
| PUT | /api/donations/ | Update donation | Donation object | 201 | Must be logged in as donation owner |
| DELETE | /api/donations/*ID*/ | Delete specific donation | N/A | 200 | Must be logged in as donation owner |
| GET | /api/donations/*ID*/ | View donation of specific projects | N/A | 200 | N/A |

|  |  |
| --- | --- |
| USER | |
| **id** | integer |
| username | string |
| email | string |
| password | string |
| image | string |
| bio | string |
| location | string |
| project | integer |
| donation | integer |

DATABASE SCHEMA

|  |  |
| --- | --- |
| DONATION | |
| **id** |  |
| donation\_type | string |
| donation | string |
| amount | integer/NULL |
| project | integer |
| donor | integer |

|  |  |
| --- | --- |
| PROJECT | |
| **id** | integer |
| name | string |
| description | string |
| location | string |
| donation\_type | string |
| image | string |
| is\_open | bool |
| date\_created | datetime |
| owner ID | integer |
| comment | string |



Diagram, engineering drawing

Description automatically generatedWIREFRAMES

Text, letter

Description automatically generated