**Crowdfunding – Minimum Viable Product**

|  |  |
| --- | --- |
| **Title** | CrowdMentor |
| **Repository** | https://github.com/mossk92/SheCodes\_Crowdfunding |
| **Deployed Project** | https://still-sierra-85574.herokuapp.com/projects/ |
| **Tagline** | Linking dreamers with achievers |
| **Purpose** | Providing a platform to advertise development areas that users are looking to improve on (such as soft skills, leadership, physical work, technical work etc.) |
| **Audience** | Project Owners: Those with specific skill sets to develop  Crowdfunders: Those with skills and time to mentor/tutor |
| **Business Model** | Reward based – not financial, funders are volunteers |
| **Example** | Project Owner: User adds a project that says they are looking to learn Python with a specific interest in being able to build a game  Crowdfunders: Search by their skills to find a match that they are comfortable with. They can then pledge time to assist (such as 4x 1hr sessions) |
| **Key Features** | Create account   * Including Name * Including Bio * Date automatically generated * Authorised User can change profile * Authorised User can delete profile |
| Create projects (limited only for users)   * Including location * Including Category * Date automatically generated * Authorised User can change profile * Authorised User can delete profile * Sum of all pledges |
| Create a pledge (limited only for users) |
| Admin Page   * Able to access Users * Able to access projects * Able to access Pledges |
| **Planned Features** | Search for active projects |
| Search projects by category, description and/or location |
| Way for pledgers to connect to project owners and vice versa |
| Responsive design for web and mobile |
| Option for Crowdfunders to organise masterclasses by sending request to a group of project owners with similar catagories asking for a group session |
| Setting goal to either time (hr) which is the default but also give option for date where a pledge has to commit all (e.g commit to assisting to meet that goal) |
| **Colour Scheme** | Snow: #FFFCFF |
| Celadon Blue #247BA0 |
| Khaki Web: #C3B299 |
| **Font** | Header: TBC |
| Body: TBC |

**Logo**

**Logo, company name

Description automatically generated**

**Database Schema**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User** | | **Project** | | **Pledges** | |
| Id | Integer | Id | Integer | Id | Integer |
| Username | String | Title | String | Supporter | Integer |
| Name | String | Owner | integer | Project | Integer |
| Email | String | Description | String | Amount (hours) | Integer |
| Password | String | Category | String | Comment | Integer |
| Bio | String | Location | String |  |  |
| Date\_joined | Date | Goal | String |  |  |
|  |  | Image | String |  |  |
|  |  | Is\_open | Boolean |  |  |
|  |  | Date\_created | Datetime |  |  |

**GET Instructions**

|  |  |
| --- | --- |
| **User** | |
| 1. |  |
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**Wireframe**

**Diagram, text

Description automatically generated**

**API Specification**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HTTP Method** | **URL** | **Purpose** | **Request Body** | **Successful Response Code** | **Authentication / Authorization** |
| GET | /users/ | Returns all users | N/A | 200 | Must be logged in |
| GET | /users/1/ | Returns the user with ID of ‘1’ | N/A | 200 | N/A |
| GET | /projects/ | Returns all projects | N/A | 200 | N/A |
| GET | /projects/1/ | Returns all project with ID of ‘1’ | N/A | 200 | N/A |
| GET | /projects/Sport/ | Returns projects with category of ‘Sport’ | N/A | 200 | N/A |
| GET | /projects/Online/ | Returns projects with location of ‘Online’ | N/A | 200 | N/A |
| GET | /projects/open/ | Returns projects with Is\_open of ‘True’ | N/A | 200 | N/A |
| GET | /projects/1/pledges/ | Returns all pledges for project with ID of ‘1’ | N/A | 200 | Must be logged in  Must be the project owner |
| GET | /pledges/1/ | Get the pledge with ID of ‘1’ | N/A | 200 | N/A |
| GET | /pledges/support1/ | Get the pledge with supporter of ‘1’ | N/A | 200 | Must be logged in  Must be the project owner or pledge supporter |
| POST | /users/ | Create new user | User object | 201 | N/A |
| POST | /projects/ | Creates a new project | Project object | 201 | Must be logged in |
| POST | /pledges/ | Create a new pledge | Pledge object | 201 | Must be logged in  Must not be the owner of the project |
| PUT | /users/1/ | Update the user with ID of ‘’1’ | User object | 201 | Must be logged in  Must be user |
| PUT | /projects/1/ | Update the project with ID of ‘1’ | Project object | 201 | Must be logged in  Must be owner of project |
| PUT | /pledges/1/ | Update the pledge with ID of ‘1’ | Pledge object | 201 | Must be logged in  Must be pledge owner |
| DELETE | /users/1/ | Delete the user with ID of ‘1’ | N/A | 200 | Must be logged in  Must be the user |
| DELETE | /projects/1/ | Delete the project with ID of ‘1’ | N/A | 200 | Must be logged in  Must be owner of project |
| DELETE | /pledges/1/ | Delete the pledge with ID of ‘1’ | N/A | 200 | Must be logged in  Must be pledge owner |

**Screenshots**

● GET Requests:

<img width="942" alt="Heroku\_GET\_Users\_All" src="https://user-images.githubusercontent.com/86653337/134788998-86087af6-acc7-463a-8e73-ed5669003d70.png">

<img width="942" alt="Heroku\_GET\_Users\_Specified" src="https://user-images.githubusercontent.com/86653337/134789006-2fe685f5-03c6-424d-a718-78ba6fb757ea.png">

<img width="942" alt="Heroku\_GET\_Projects\_All" src="https://user-images.githubusercontent.com/86653337/134789009-84c1368b-b669-4456-b402-e491ce5bdec7.png">

<img width="942" alt="Heroku\_GET\_Projects\_Specified" src="https://user-images.githubusercontent.com/86653337/134789010-f710e1cb-33cc-4448-8c7c-77e819d02db0.png">

<img width="942" alt="Heroku\_GET\_Pledges\_All" src="https://user-images.githubusercontent.com/86653337/134789013-a5a5746f-b523-4d1a-9a4d-82304f69fbfd.png">

<img width="942" alt="Heroku\_GET\_Pledges\_Specified" src="https://user-images.githubusercontent.com/86653337/134789017-30d29bbc-24cc-4895-b83f-10cc01a2f264.png">

● POST Requests:

<img width="942" alt="Heroku\_POST\_Users" src="https://user-images.githubusercontent.com/86653337/134789034-a85efa32-8f68-4128-b384-6300aca38044.png">

<img width="942" alt="Heroku\_POST\_Token" src="https://user-images.githubusercontent.com/86653337/134789037-54a8ae56-478b-4eb2-b85b-4dbf91bd74de.png">

<img width="942" alt="Heroku\_POST\_Projects" src="https://user-images.githubusercontent.com/86653337/134789040-b0129c69-5144-4b80-a1d7-899f554e40eb.png">

<img width="942" alt="Heroku\_POST\_Pledges" src="https://user-images.githubusercontent.com/86653337/134789043-914e1ba6-ed98-4c84-ac8b-f95b40e3db5c.png">

● PUT Requests:

<img width="942" alt="Heroku\_PUT\_Users" src="https://user-images.githubusercontent.com/86653337/134789054-9783c19a-d53f-4aec-bf40-6188ab024805.png">

<img width="942" alt="Heroku\_PUT\_Projects" src="https://user-images.githubusercontent.com/86653337/134789055-c4183797-71fd-44f3-bc2b-69dd200b7e2f.png">

● DELETE Requests:

<img width="942" alt="Heroku\_DEL\_Pledges" src="https://user-images.githubusercontent.com/86653337/134789063-fac26af7-3f6f-4c45-8620-6a894b2a7a05.png">

<img width="942" alt="Heroku\_DEL\_Projects" src="https://user-images.githubusercontent.com/86653337/134789066-9bd8f182-2370-4dc9-ba32-457e50d6f7e0.png