P4 MVP Plan Submission

She Codes Perth 2020

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| *Skillender* is a crowdsourcing site where not for profit organisations can access a technical resource pool to address technological deficits in their systems and processes by posting projects and accepting pledges of skills and hours from volunteers. |

MVP Features included:

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| --- | --- |
|  | Must be logged in |
| Ability to create and use a user profile that will include multiple choice selection for interested category and skills in addition to baseline username, contact details etc | Y |
| Ability for users to create and edit a cause (project) that will include multiple choice selection for category and required skills. Additionally, target hours set as a goal. | Y |
| Ability for users to pledge hours to causes | Y |
| Permissions for all users to view all items but only edit their own. | Y |
| Contact form for support. |  |
| Homepage with list of Causes. Ability to sort or filter based on viewer preferences. |  |
| Ability to search for users with particular interests or skills | Y |

Additional features for future iterations:

|  |  |
| --- | --- |
|  | Must be logged in |
| Ability to add Comments to cause pages | Y |
| Scrolling carousel displaying recent pledges on homepage |  |
| Ability to collect points while pledging hours and display them in user profile |  |
| Ability to rate and comment on user profiles | Y |

# API Specification

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| --- | --- | --- | --- | --- | --- | --- |
| App | HTTP Method | URL | Purpose | Request Body | Successful Response Code | Authentication/Authorization |
| Projects | 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. | 201 | Must be logged in.  Must be the project owner. |
|  | DELETE | /projects/1/ | Deletes the project with ID of “1”. | N/A | 200 | Must be logged in.  Must be the project owner. |
| Pledges | POST | /pledges/ | Create a new pledge. | Pledge object. | 201 | Must be logged in.  Must not be the owner of the pledge. |
|  | GET | /pledges/1/ | Get the pledge with ID of “1”. | N/A | 200 | N/A |
|  | DELETE | /pledges/1/ | Deletes the pledge with ID of “1”. | N/A | 200 | Must be logged in.  Must be the pledge owner. |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Users | POST | /create-account/ | Create a new user. | create user form | 201 | N/A |
|  | POST | /profile/slug/ | Get the slug users profile | slug user object | 201 | Must be logged in. |
|  | GET | /profile/slug/ | Get the user profile for *slug* | N/A | 200 | N/A |
|  | PUT | /profile/slug/ | Updates the slug users profile | slug user object | 201 | Must be logged in.  Must be the slug user. |
|  | DELETE | /profile/slug/ | Deletes the slug users profile | N/A | 200 | Must be logged in.  Must be the slug user. |
| Category | GET | /category/ | Returns all categories. | N/A | 200 | N/A |
|  | POST | /category/ | Create a new category. | Project object. | 201 | Must be superuser/admin. |
|  | GET | /category/1/ | Returns the category with ID of “1”. | N/A | 200 | N/A |
|  | PUT | /category/1/ | Updates the category with ID of “1”. | Project object. | 201 | Must be superuser/admin. |
|  | DELETE | /category/1/ | Deletes the category with ID of “1”. | N/A | 200 | Must be superuser/admin. |
| Skill | GET | /skill/ | Returns all skills. | N/A | 200 | N/A |
|  | POST | /skill/ | Create a new skill. | Project object. | 201 | Must be superuser/admin. |
|  | GET | /skill/1/ | Returns the skill with ID of “1”. | N/A | 200 | N/A |
|  | PUT | /skill/1/ | Updates the skill with ID of “1”. | Project object. | 201 | Must be superuser/admin. |
|  | DELETE | /skill/1/ | Deletes the skill with ID of “1”. | N/A | 200 | Must be superuser/admin. |

# Database Schema

