She {Codes} Plus

Project: Crowdfunding

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MVP PLAN SUBMISSION

TITLE:

Sport Support

"achieve your team's dream"

A PARAGRAPH DETAILING THE PURPOSE AND TARGET AUDIENCE OF YOUR WEBSITE:

The purpose of Sport Support is to help sport clubs fundraise "projects" such as buying more sport equipment, organising an event, upgrading facilities and more. The target audience of this website is people involved with community sport.

THE FEATURES YOUR MVP WILL INCLUDE:

- Ability to create a login/user
- Ability to log out
- Ability to become admin of a sport club
- Admin (of sport club) can create a "project"
- Admin can update a "project"
- Admin can delete a "project"
- Ability to view individual projects
- User can "pledge" to a "project"
- User can "pledge" anonymously
- User can "comment" on a "project"

- User can view a 'club profile' which will include club information as well as 'projects'
- User is able to create or join a club
- User that creates a new club becomes the admin
- Admin of the club can edit club information

AT LEAST 3 ADDITIONAL FEATURES YOU WOULD LIKE TO INCLUDE IF YOU REACH YOUR MVP:

- First user to create a club becomes the admin and then is able to change the permissions of other users
- List the number of members a club has
- The ability to 'share' the project on social media
- The ability to create an account with Facebook/Google credentials (I think that you can use an API for this)
- Sport-related progression bar

AN API SPECIFICATION:

Endpoints

Endpoint	Method	Body	Authorization
/projects/	GET	List of Project objects.	None required
/projects/	POST	Post a project	Must be a user
/projects/1/	GET	Get project by id. Project with pledges field with list of Pledge objects.	None required
/projects/1/	PUT	Update the project	Must be owner
/projects/1/	DELETE	Delete a project	Must be owner
/projects/comments/	GET	Get all comments	None required
/projects/comments/	POST	Post a comment	Must be a user
/projects/comments/1/	GET	Get a single comment	None required

/projects/comments/1/	PUT	Update a comment	Must be the author of the comment
/projects/comments/1/	DELETE	Delete a comment	Must be the author of the comment
/pledges/	GET	Get all pledges	None required
/pledges/	POST	Post a pledge	Must be a user
/pledges/1/	GET	Get a single pledge	None required
/pledges/1/	DELETE	Delete a single pledge	Must be the supporter
/users/	GET	Get a list of all users	None required
/api-token-auth/	POST	Create a token for user	Must be a user
/users/1/	GET	Get a user	None required
/users/1/	PUT	Update a user	Must be that user
/users/clubs/	GET	Get a list of all the clubs	None required
/users/club/1/	GET	Get a club	None required
/users/club/1/	PUT	Edit a club	Must be admin of the club
/users/sports/	GET	Get a list of all the sports	None required
users/sports/1/	GET	Get a sport (category)	None required

Objects
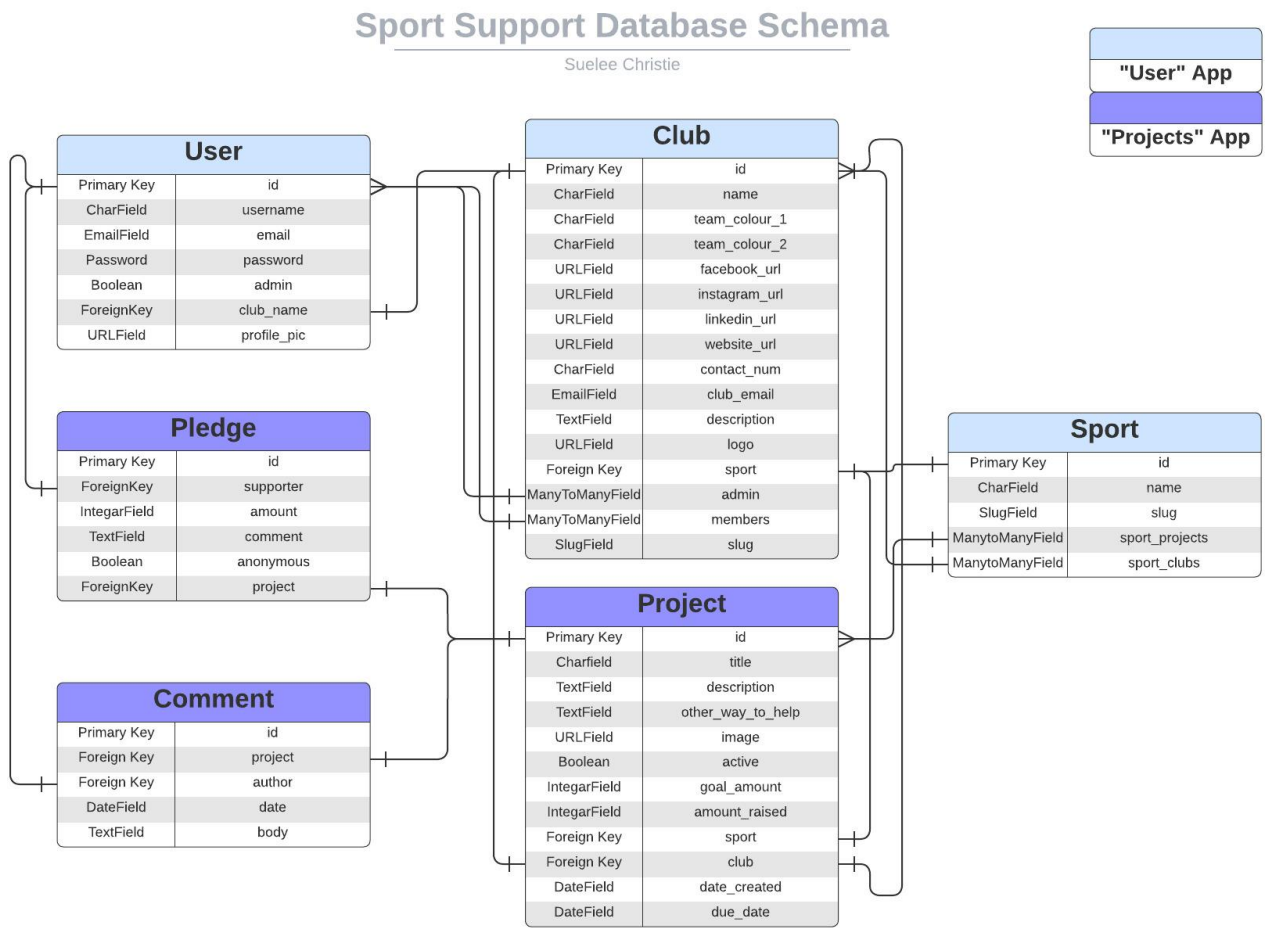
| Project | <pre>{
    "id": 1,
    "title": "New Clubhouse",
    "description": "A description about the project",
    "other_ways_to_help": "Spread the word",
    "image": "url_address",
    "active": false,
    "goal_amount": 60000,
    "amount_raised": 0,
    "sport": 1,
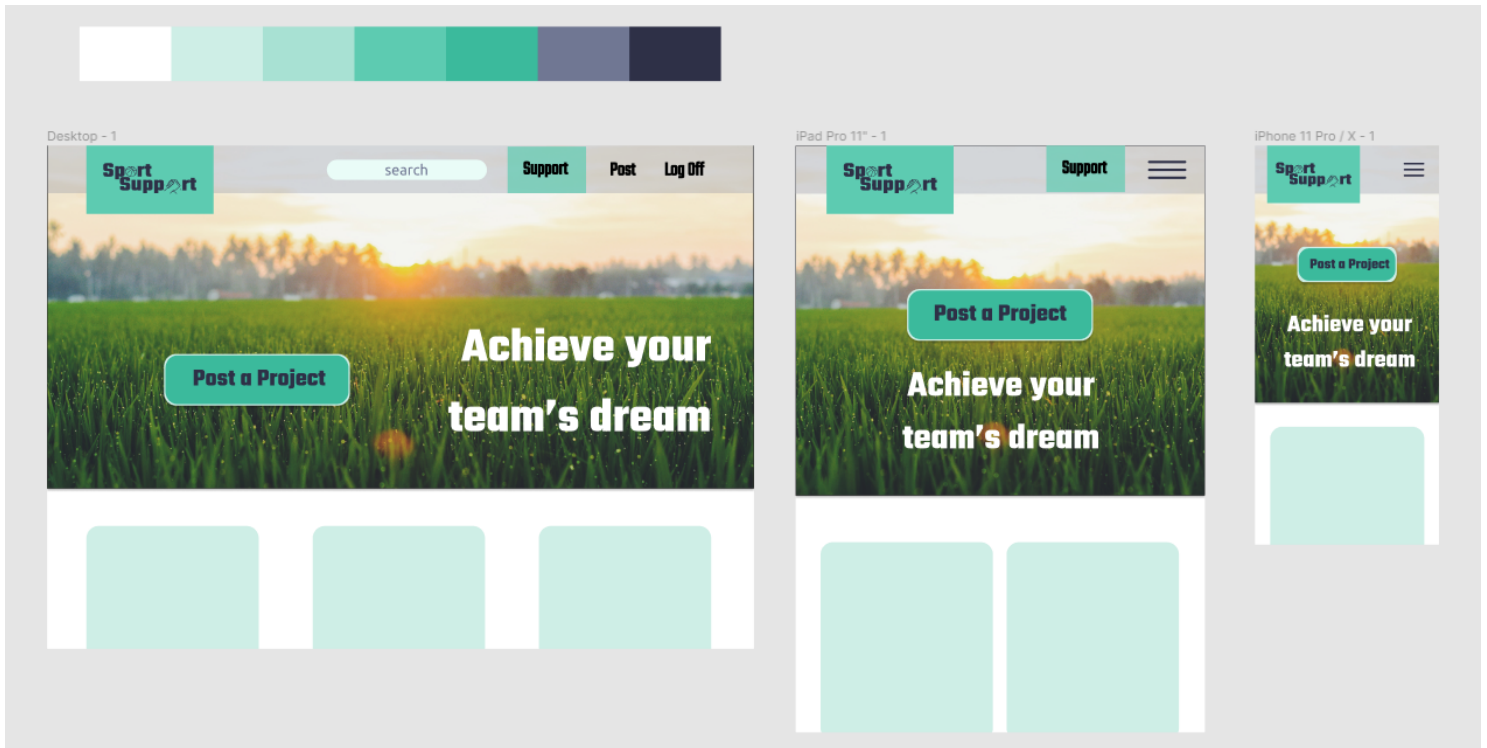   "owner": 1,</pre> |
|---|---|

| | ```
    "date_created": YY-MM-DD,
    "due_date": YY-MM-DD
}
``` |
| Pledge | ```
{
    "id": 1,
    "supporter": 1
    "amount": 25,
    "comment": "This is a comment",
    "anonymous": true,
    "project": 1
}
``` |
| Comment | ```
{
    "id": 1,
    "project": 1,
    "author": 1,
    "date": YY-MM-DD,
    "body": "This is a comment"
}
``` |
| User | ```
{
    "id": 1,
    "username": "admin",
    "email": "email@email.com",
    "password": "password",
    "admin": true,
    "club_name": 1,
    "profile_pic": "image url"
}
``` |
| Club | ```
{
    "id": 1,
    "name": "South Mandurah Football Netball Club"
    "team_colour_1": "FFFFFF",
    "team_colour_2": "000000",
    "facebook_url": "url",
    "instagram_url": "url",
    "linkedin_url": "url",
    "website_url": "url",
    "contact_num": "0400000000",
    "club_email": "email@email.com",
    "description": "A description about the club",
    "logo": "image url",
    "sport": 1,
    "admin": [1,2],
    "members": [1,2,3,4,6,9],
    "slug": "slug"
}
``` |

| Sport | ```
{
    "id": 1,
    "name": "Football",
    "slug": "slug",
    "sport_club": [1,4]
}
``` |
| --- | --- |

A DATABASE SCHEMA:

Sport Support Database Schema
Suelee Christie

User

Primary Key	id
CharField	username
EmailField	email
Password	password
Boolean	admin
ForeignKey	club_name
URLField	profile_pic

Pledge

Primary Key	id
ForeignKey	supporter
IntegarField	amount
TextField	comment
Boolean	anonymous
ForeignKey	project

Comment

Primary Key	id
Foreign Key	project
Foreign Key	author
DateField	date
TextField	body

Club

Primary Key	id
CharField	name
CharField	team_colour_1
CharField	team_colour_2
URLField	facebook_url
URLField	instagram_url
URLField	linkedin_url
URLField	website_url
CharField	contact_num
EmailField	club_email
TextField	description
URLField	logo
Foreign Key	sport
ManyToManyField	admin
ManyToManyField	members
SlugField	slug

Project

Primary Key	id
Charfield	title
TextField	description
TextField	other_way_to_help
URLField	image
Boolean	active
IntegarField	goal_amount
IntegarField	amount_raised
Foreign Key	sport
Foreign Key	club
DateField	date_created
DateField	due_date

Sport

Primary Key	id
CharField	name
SlugField	slug
ManytoManyField	sport_projects
ManytoManyField	sport_clubs

"User" App
"Projects" App

WIREFRAMES:

COLOUR SCHEME:

#CEEEE6

#A8E1D3

#3BBA9C

#5DCBB1

#2E3047

#3C3F58

#43455C

#707793

HEADING AND BODY FONTS:

Bold 700

Teko - Sport Support

Regular 400

Ubuntu - Achieve your team's dream

PART A SUBMISSION

- ☐ A link to the GitHub repository containing the code for your project.
- ☐ A link to the deployed project.
- ☐ A screenshot of Insomnia, demonstrating a successful GET method of any endpoint.
- ☐ A screenshot of Insomnia, demonstrating a successful POST method for any endpoint.
- ☐ A screenshot of Insomnia, demonstrating a token being returned.
- ☐ Step by step instructions for how to register a new user and create a new project (i.e. endpoints and body data).
- ☐ Your refined API specification and Database Schema.

PART B SUBMISSION

☐ A link to the GitHub repository containing the code of your project.

☐ A link to the deployed project.

☐ A screenshot of the home page.

☐ A screenshot of the project creation form.

☐ A screenshot of a project with pledges.

☐ A screenshot of the resulting page when an unauthorised user attempts to edit a project.