Project Title

Challenger

Overview

What is your app? Brief description in a couple of sentences.

A social media platform that gamifies the UX with challenges and rewards by fostering content creation and engagement among users and influencers

Problem

Why is your app needed? Background information around any pain points or other reasons.

Currently on social media platform, engagement and interaction between influence and their followers, brand and their daily users is done using hashtags or through profile tagging. using this medium has been efficient in it ways but making business decision or even rewarding the audience can't be tracked efficient this approach, so hypothetically a solution like Challenger.io can be used for tracking engagement and trends whereby rewards can be allocated accordingly, plus business decisions can be made from archives of past challenges.

User Profile

Who will use your app? How will they use it? Any special considerations that your app must take into account.

- Brands Ambassadors
- Social Media Influencers
- Normal Social Media Users

Through :
Internet accessible device like PC, tablet and phone

Features

Create an interface where users can interact and perform the features mentioned above.

List the functionality that your app will include. These can be written as user stories or descriptions with related details. Do not describe **how** these features are implemented, only **what** needs to be implemented.

Ability to create user account and profile

Ability to view post by challenges

Ability to view challenges

Ability to create challenge

Ability to contribute a post to a challenge requirement

Implementation

Tech Stack

List technologies that will be used in your app, including any libraries to save time or provide more functionality. Be sure to research any potential limitations.

React : FrontEnd

SCSS : Webpage styling

NodeJs : Backend & Server

Mysql : DB

Images Container : cloudinary

APIs

List any external sources of data that will be used in your app.

Cloudinary api

Instagram Api

Sitemap

List the pages of your app with brief descriptions. You can show this visually, or write it out.

Landing page

Auth page

Home page

Create Challenge page

Post Challenge page

Mockups

none for now

Provide visuals of your app's screens. You can use tools like Figma or pictures of hand-drawn sketches.

Data

Describe your data and the relationships between them. You can show this visually using diagrams, or write it out.

user table

challenge table
attribute to user by id

post table
attributed to challenge by id

reward table
joined by challengeId, postId and userId

Endpoints

List endpoints that your server will implement, including HTTP methods, parameters, and example responses.

Auth Endpoint

```
-Create Use
-Login User
```

CRUD - Challenge

CRUD - Posts

Auth

Does your project include any login or user profile functionality? If so, describe how authentication/authorization will be implemented.
-TBD /can be moved to nice to have

Roadmap

Scope your project as a sprint. Break down the tasks that will need to be completed and map out timeframes for implementation. Think about what you can reasonably complete before the due date. The more detail you provide, the easier it will be to build.

Sunday-Wednesday :

- Backend File structure
- Landing Page and Auth Page

Thursday :

- Homepage
- Create challenge (Frontend)
- Create challenge endpoint (Backend)
- Create CronJob for challenge (Backend)

Friday

- Create Post (Frontend)
- Create Post (Backend)
- Get Post by UserID, challengeId (Backend)
- Get Challenge by UserId (Backend)

Saturday

- Profile Page (Frontend)

Sunday

- Hosting and testing

Nice-to-haves

Your project will be marked based on what you committed to in the above document. Under nice-to-haves, you can list any additional features you may complete if you have extra time, or after finishing.

- Social media auth like fbLogin, IGlogin, GmailLogin
- Protected api routes through authorization
- Search features
- Profile management (e.g profile picture, edit, change password)