

Beer Extravaganza

Chris's Beer Journal Platform-Extravaganza

We want to deliver an online platform where users can post their experiences with given beers. User will be required to post an image of said beer, input brewer/price/rating of beer, serving type (Draft,Cask,Bottle, Can), Flavor description (Alcohol, Fruity, Hoppy, Floral, Spicy, Herbal,Malty, Toffee, Burnt, Sweet, Sour, Bitter) and visualize this flavor description.

Overall Description:

Product Perspective:

Online Platform where user will be required to post an image of said beer, input brewer/price/rating of beer, serving type (Draft,Cask,Bottle, Can), Flavor description (Alcohol, Fruity, Hoppy, Floral, Spicy, Herbal,Malty, Toffee, Burnt, Sweet, Sour, Bitter) and visualize this flavor description.

Product Features:

- a) User should be able to upload an image of beer.
- b) User should be able to input
 - 1) Brewer
 - 2) Price
 - 3) Rating
 - 4) Serving Type
 - 5) Flavour Description
- c) (last requirement not very clear) Need Clarification

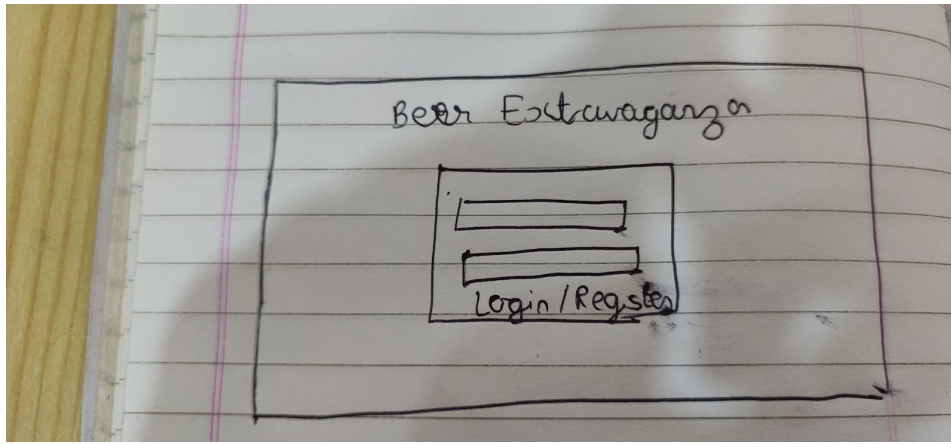
Product Scope:

- a) To provide a journal for beer sharing.
- b) To allow users to rate and upload their own experience.

Module Description

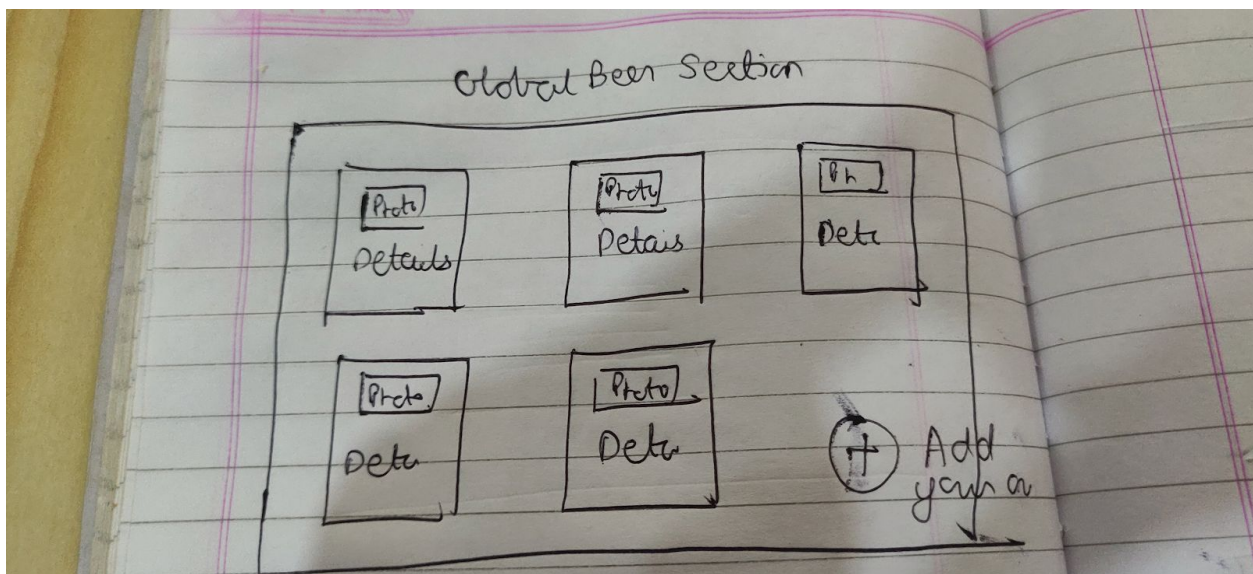
- a) Login :Basic User Authentication with firebase and store the user details with mongoDB under the @users Collection

Mockups



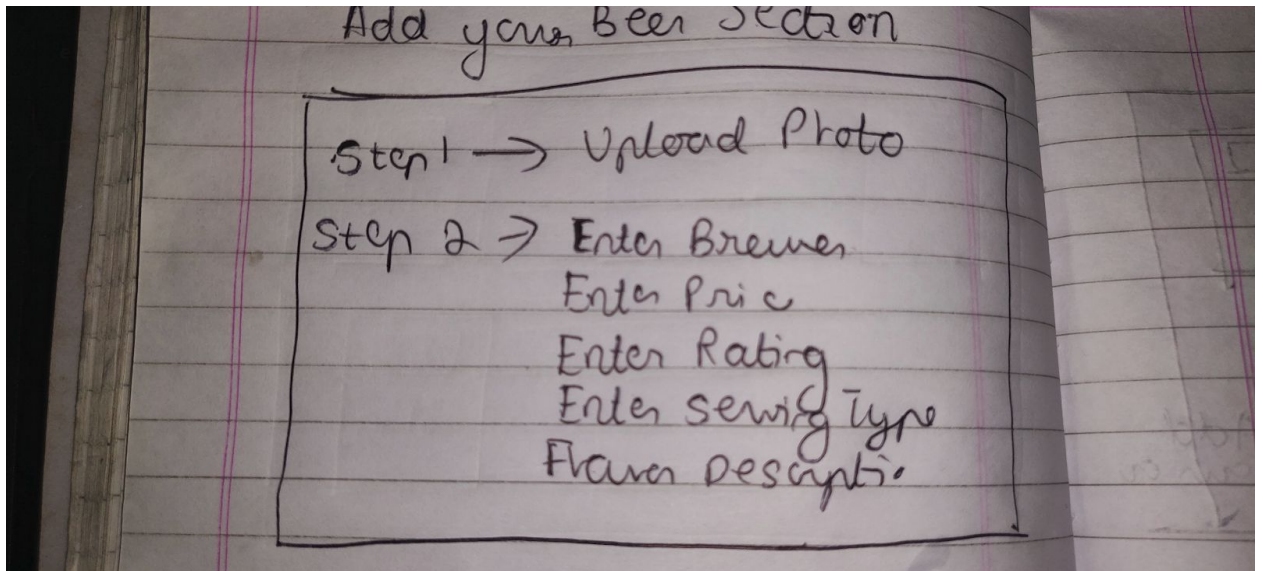
b) GlobalBeerSection:

- i) This page will display various cards along with the beer photo and details
- ii) It will also harbour a Button to add a particular beer.



c) Add Beer Section

- 1) This section will provide the user with a page to add the beer photo along with the details
- 2) The details are as follows:
 - a) Brewer
 - b) Price
 - c) Rating
 - d) Serving Type
 - e) Flavour Description
- 3) The information to be entered will be in the form of an interactive card.



Database Design

Database : SQL

Reason for choosing a SQL database: The structure of the data to be stored is Fixed and is not subject to change as per user requirements.

UserTable

User Id	Username	HashedPassword	
---------	----------	----------------	--

GlobalCardTable

UserId	CardId
--------	--------

IndividualCardInfoTable

CardId	Price	Rating	ServingType	Description	UserId
--------	-------	--------	-------------	-------------	--------