IDEA and USERS

What problem(s) does your app solve? How does it solve those problems? Who is your target user? How much experience do they have with technology?

Currently there is no simple to use ecommerce platform for BMX trail riders. A one stop shop for the niche products they need.

By putting making these products available from one domain

BMX trails riders and trail builders.

Average experience with technology. Most use mobile for personal web use vs desktop at the office/work.

FEATURES

Write use cases for your app. IE - As a user I can store a list of my favorite food. Use color to separate features by 'Minimum Viable Product' and 'Bonus features'

MVP:

As a user I can browse through products, add products to a shopping cart, remove items from a shopping cart, and submit orders.

Admin page to add/remove/update users,

products, orders. Pretty animations on login page. 3js?

Trails lookup page.

Send order email to user after submit.

VIEW

What views do you need to create to meet each feature in your app? How will the user get to each view? Revisit this regularly. Simplify each time. Focus on the user.

Make a connection to the controller behind the view.

Draw each view and map out how the user will get to each of them.

Login	Shop	checkout
Successfully login, routed to Shop	User can browse through products, add products to cart. Click on shopping cartrouted to checkout	User can review order and submit, receive order #. Back to shop view
Admin	Trails	
Amin user can view, edit, delete, products, users,	User can view database of trail info. Admin can	
and orders.	CRUD.	

CONTROLLERS

Create a controller for each wireframe you made. Make a connection to each endpoint it needs to use to get its data.

Front end

- -Login controller. This will be the landing page and login
- -Shop controller. Product, browse. -Checkout controller. Handles
- ordering view. -Admin controller. Editing of all database info.
- -Trails controller. Editing of trails collection.

Back end

-Server controller. Handles all endpoints.

ENDPOINTS

List the url, REST method, and a sample of the data being sent or received for every endpoint you need.

Make a connection to the parts of the schema you need to access from each endpoint to return or save the data needed.

> GET facebook login GET user login

POST User login GET User login GET User login by id PUT User login by id DELETE User login by id

POST Product GET Product GET Product by id PUT Product by id DELETE Product by id

PUT add product to cart

POST Order GET Order GET Order by id PUT Order by id DELETE Order by id

SCHEMA

Create your schema here including your data types.

Product model

User model -cart schema

Order model -user reference -product reference

Cart schema

Views and Routes

- Controllers and services with Test front end staged data in service.

Create End points

Move staged data from service to server

Test endpoints with postman Test front end with server

Replace staged data with queries

Test with Postman

Test end to end

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