PROJECT ROADMAP

The Limits of Shopify

1

Frontend

3

Testing

5

Pushing The Limit With Theme App Extensions

2

Backend

4

Future Development

6

OUR DEVELOPMENT PROCESS IS EASY

Sprint Planning

Heads down coding

Retrospective

THINGS WE USED:

PROJECT MANAGEMENT:

- GITHUB - code
- SCRUM - planning
- JIRA - scrum
- GOOGLE DRIVE - files
- DISCORD - communication

TECHNOLOGY:

- REACT - frontend
- NODEJS - server
- NEXTJS - server
- MYSQL - database

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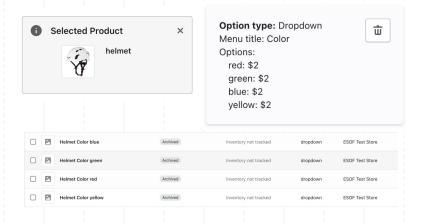## Variants Per Product

THE SHOPIFY ECOSYSTEM

APP DEMO

Rival

Option Product Creation/Deletion

Features

- When an option is created, a corresponding product is also created using the Shopify REST API
- When an option is deleted, it's products(s) are also deleted
- Products are labeled & archived by default

Selected Product ×

helmet

Option type: Dropdown
Menu title: Color
Options:
    red: $2
    green: $2
    blue: $2
    yellow: $2

		Helmet Color blue	Archived	Inventory not tracked	dropdown	ESOF Test Store
		Helmet Color green	Archived	Inventory not tracked	dropdown	ESOF Test Store
		Helmet Color red	Archived	Inventory not tracked	dropdown	ESOF Test Store
		Helmet Color yellow	Archived	Inventory not tracked	dropdown	ESOF Test Store

Database

Implementation

- Storage with MYSQL
  - Light-weight
  - Fast
  - Widely used, easily adoptable
- Shopify recommended MySQL
- Hosted with ClearDB on Heroku
- Limitations
  - Free Storage Accounts
  - Only 2 table options
  - Connection Limit is at 10 because of ClearDB

options: {option : price : productOptionId : optionVariantId}

Server.js/App Platform

Dropdown
_iter:Auto-Increment INT
productId:NUMERIC
variantId:NUMERIC
menuTitle:VARCHAR
options:VARCHAR

Database

Engraving
_iter:Auto-Increment INT
productId:NUMERIC
variantId:NUMERIC
description:VARCHAR
lineNum:NUMERIC
Price:NUMERIC
productOptionId:NUMERIC
optionVariantId:NUMERIC

UI Testing

Features

- Polaris Components
- Description of Product, Team and Company
- Helpful description for button functionality
- OnAction buttons that route to other pages

```
import { Page , Layout , Card, TextStyle, Thumbnail, Button, ButtonGroup,
//import ProductList from '../components/ProductList';
import { ResourcePicker, TitleBar } from '@shopify/app-bridge-react';
import Router from 'next/router';
```

Rival Dynamic Pricing

About this app

This app focuses on dynamically changing the pricing for each item purchased, Shopify does not have a dynamic price change for variations of items. Total cost, including hidden variation costs, is shown at the cart once you've finalized your purchases but fails to show the pricing when you are shopping.

Select and Create Products

The button below will lead you to the product management page, where you may add products and their respective variations.

Create Options

Frequently Asked Questions

If you have any questions on how to use the app please refer to the FAQ, there you will help on how to create, delete and modify products.
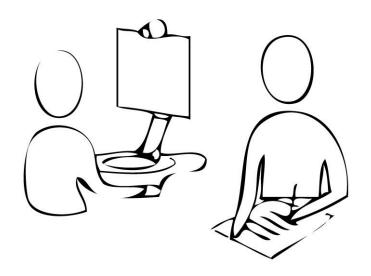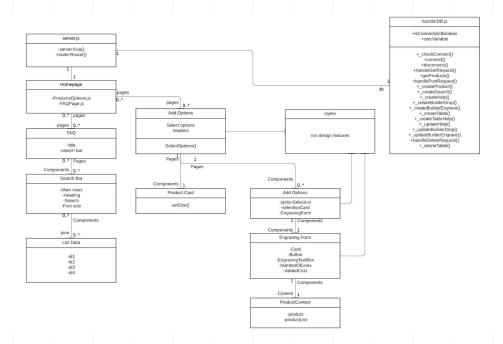
FAQ

How the app was tested

- Software testing
- Interview
- User Background
- Results
- Analysis
- Software Changes

FAQ Page

Functionality

- Search bar
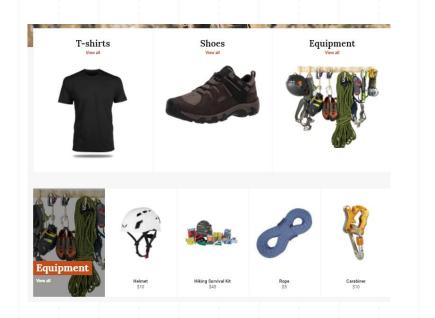- Look up questions
- Data mirrors the user documentation

Mock Website

Features

- Venture theme from *Shopify Theme Store*
- Logo and Mock company created for theme
- Products retrieved from Shopify's *Products*
- Collection set to display categories of products
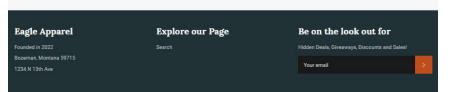- Menus implemented into the theme: *Main Menu, Explore our Page*
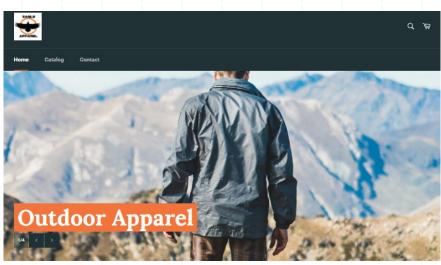
Website Header and Footer Menu
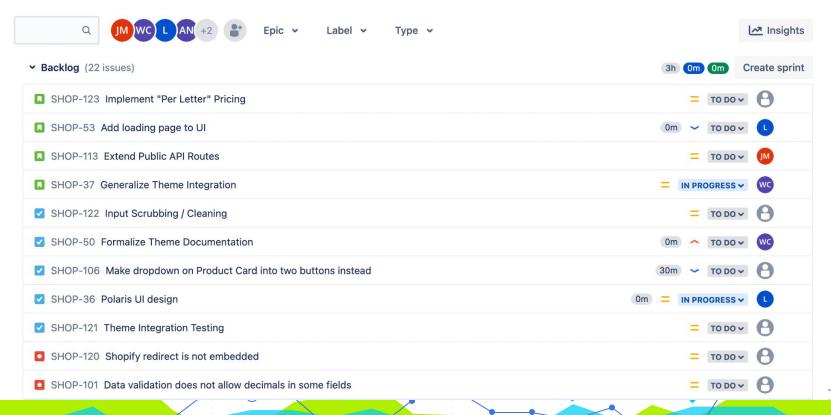
Future Development

Backlog

| | | Epic ▾ | Label ▾ | Type ▾ | | | Insights |

▾ **Backlog** (22 issues)   3h 0m 0m **Create sprint**

🔖	SHOP-123	Implement "Per Letter" Pricing	=	TO DO ▾
🔖	SHOP-53	Add loading page to UI	0m ▾	TO DO ▾
🔖	SHOP-113	Extend Public API Routes	=	TO DO ▾
🔖	SHOP-37	Generalize Theme Integration	=	IN PROGRESS ▾
☑	SHOP-122	Input Scrubbing / Cleaning	=	TO DO ▾
☑	SHOP-50	Formalize Theme Documentation	0m ⌃	TO DO ▾
☑	SHOP-106	Make dropdown on Product Card into two buttons instead	30m ▾	TO DO ▾
☑	SHOP-36	Polaris UI design	0m =	IN PROGRESS ▾
☑	SHOP-121	Theme Integration Testing	=	TO DO ▾
🔲	SHOP-120	Shopify redirect is not embedded	=	TO DO ▾
🔲	SHOP-101	Data validation does not allow decimals in some fields	=	TO DO ▾

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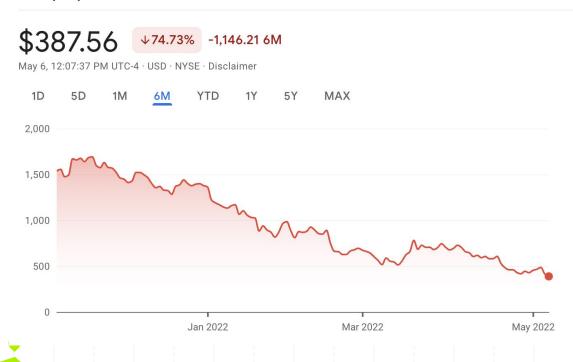
Future Development?

Shopify Inc

$387.56 ↓74.73% −1,146.21 6M

May 6, 12:07:37 PM UTC-4 · USD · NYSE · Disclaimer

| 1D | 5D | 1M | 6M | YTD | 1Y | 5Y | MAX |

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THANK YOU