SourcE-commerce

PRESENTED TO YOU BY TEAM *AWESOME-SAUCE*

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"It's one small step for the internet, one giant leap for e-commerce."

ELEVATOR PITCH

Concept

DESCRIPTION

An inventory & sales tracker for businesses, coupled with a simple, clean storefront for customers!

MOTIVATION FOR DEVELOPMENT

With e-commerce growing in popularity, especially in the wake of Covid, it is now more important than ever for businesses to be able to accurately track their business performance and inventory when customers shop their products.

Customers get a user-friendly e-Storefront and businesses get an intuitive application by having both elements within the same platform.
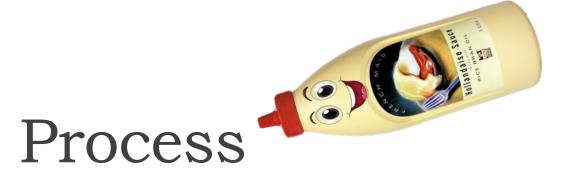
USER STORY *(two-fold)*

➢ AS A Business Owner...
   I want to be able to track my inventory & sales performance so that I can better manage different aspects of my business based on items ordered in my 'storefront'.

➢ AS AN Online Shopper...
   I want to be able to see product information (i.e. name & price) so that I can shop for items I want.

Process

1. **Technologies Used:**
   - HTML, CSS, JavaScript
   - Bootstrap CSS & FontAwesome
   - Node Environment
   - Express.js Framework
   - MySQL Database
   - Sequelize ORM
   - Handlebars.js
   - Heroku Platform
   - Highcharts library
   - Crypto & Cookie Parser package

2. **Challenges:**
   - Travis
   - Authentication
   - Handlebars helper expressions
   - Get / Post Requests

3. **Successes:**
   - PROJECT FINISH! 🎉
   - Incorporate Highcharts
   - Handlebars implementation
   - Integration between pages despite different client types
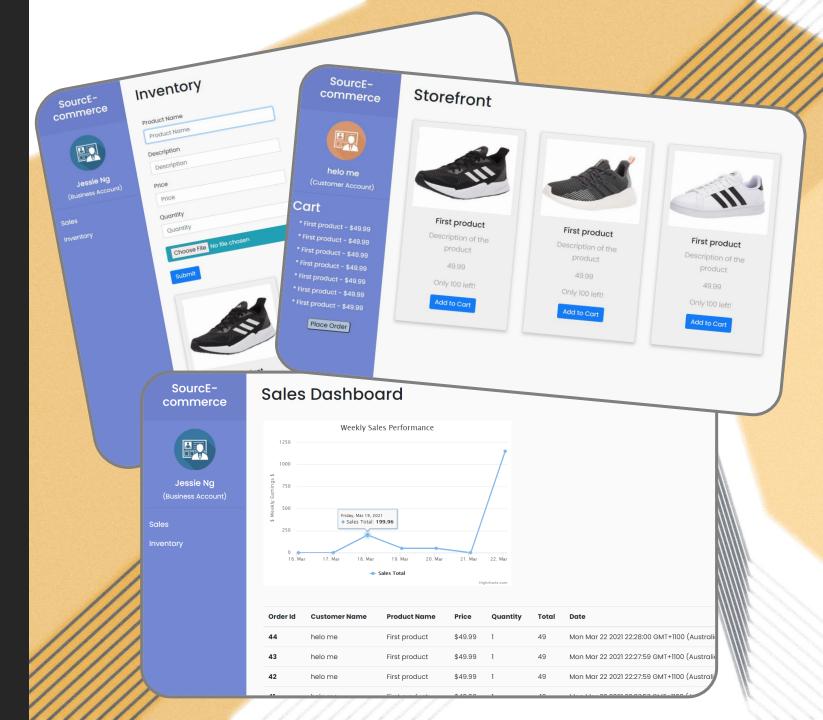
4. **Breakdown of tasks & roles:**
   - JESSIE (Front-end)...
     - Project Manager & Repo Setup
     - HTML via handlebars, CSS & JavaScript w/Highcharts
   - FRASER (Front-end)...
     - HTML via handlebars & JavaScript
     - API Requests
   - MUSHTAQ (Back-end)...
     - MySQL Database w/Sequelize, JavaScript
     - API Requests & Routes
   - FATIMA (Back-end & Front-end support)...
     - Login & Create authentication w/Cookie Parser
     - Front-end support w/JavaScript

DEMO

Have a look at our Heroku-deployed application [HERE](#)!

Future Development

- Add a User Account Management Page to allow users to update personal details

- Allow user to add custom photo at account creation & have it displayed on sidebar as user photo

- Add log out functionality

- Add exportable Customer CRM (db) for Business Owners: Sales Data & Inventory List

- Update Inventory on Business side as Customer places new order of selected items

- Implement search capability for both Customers & Businesses to locate a specific product

- Allow Businesses to have multiple storefronts

- Enable Storefront to be more interactive (i.e. Updatable qty of items, subtotal, checkout feature

Links

Heroku Deployed Application

➢ https://murmuring-bastion-13699.herokuapp.com

GitHub Repository

➢ https://github.com/MissNG-Git/SourcE-commerce