Shopping Cart Application
Requirements Document

Overview

This application is built for users to shop online. They are able to add items to their cart and checkout their items. For checking out, the user must fill in the billing address form to complete the transaction and have their items shipped to them.

Functional Requirements

Requirement	Description
FR1	Allow Users to access the site using their login information.
FR2	Users can add items to their shopping cart.
FR3	When a promo code is entered, it is validated and deducted from the total price of the items in the cart.
FR4	After the user fills in the form and checks out, the information is saved in the database and a receipt is generated.
FR5	If a user chooses to continue shopping after checking out, they are provided with an option to go back to the Home Page.
FR6	If a user is inactive for 30mins or more, their account is automatically logged out to keep their profiles secure. This will avoid having another person viewing the user's personal information or credit card information (if user chose to save the information for their next purchase).

Nonfunctional Requirements

Requirement	Description
NFR1	Displays and Layout easy to read and follow to cater for users of all ages or backgrounds.
NFR2	The theme color choices cater to colorblind individuals.
NFR3	Provides a clear terms & conditions upon entering the site to ensure that users are aware of the purpose of the site and agree to the conditions.
NFR4	Keeps files, functions and media small to increase page load speed, especially for checkout page.
NFR5	Node.js is the preferred web hosting platform for implementing this project.