Orange Tech

CRN 73612: Group 9

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OUR WEBSITE

ORANGE TECH

Online Store that sells tech products such as Phones, IPads, Laptops from high end companies such as Apple, Samsung and Asus at a retail price. Our store allows for fast, secure, reliable and stress free shipping.

Vision Statement

- Make tech shopping stress free
- Provide high-end products at a competitive price
- Fulfill stakeholder requirements
- Develop web-app that is easy to use and interactive
- Have a wide range of products that customers can choose from

WHAT WE ARE WORKING ON
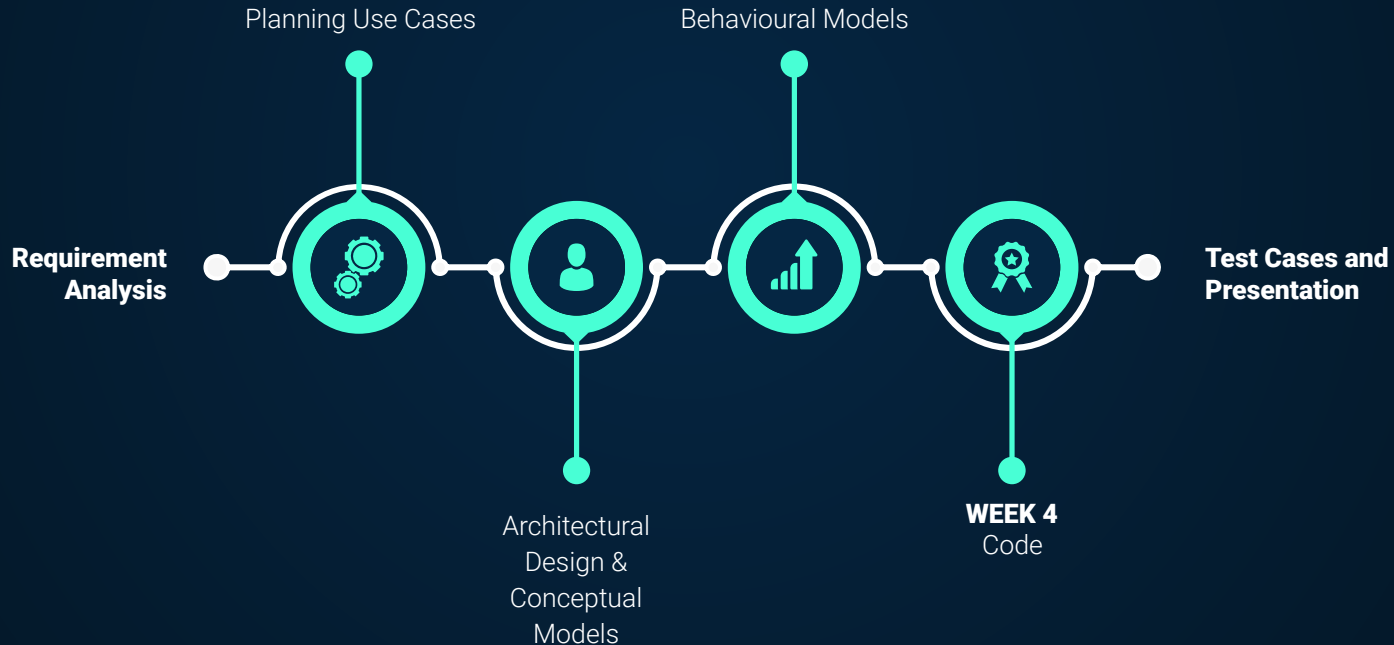
SECURE

Stress free shopping

ACCESSIBLE

Allow everyone to be able to access our products

FAST AND RELIABLE

Deliver high quality products ASAP

OUR TIMELINE

Planning Use Cases

Behavioural Models

Requirement
Analysis

Test Cases and
Presentation

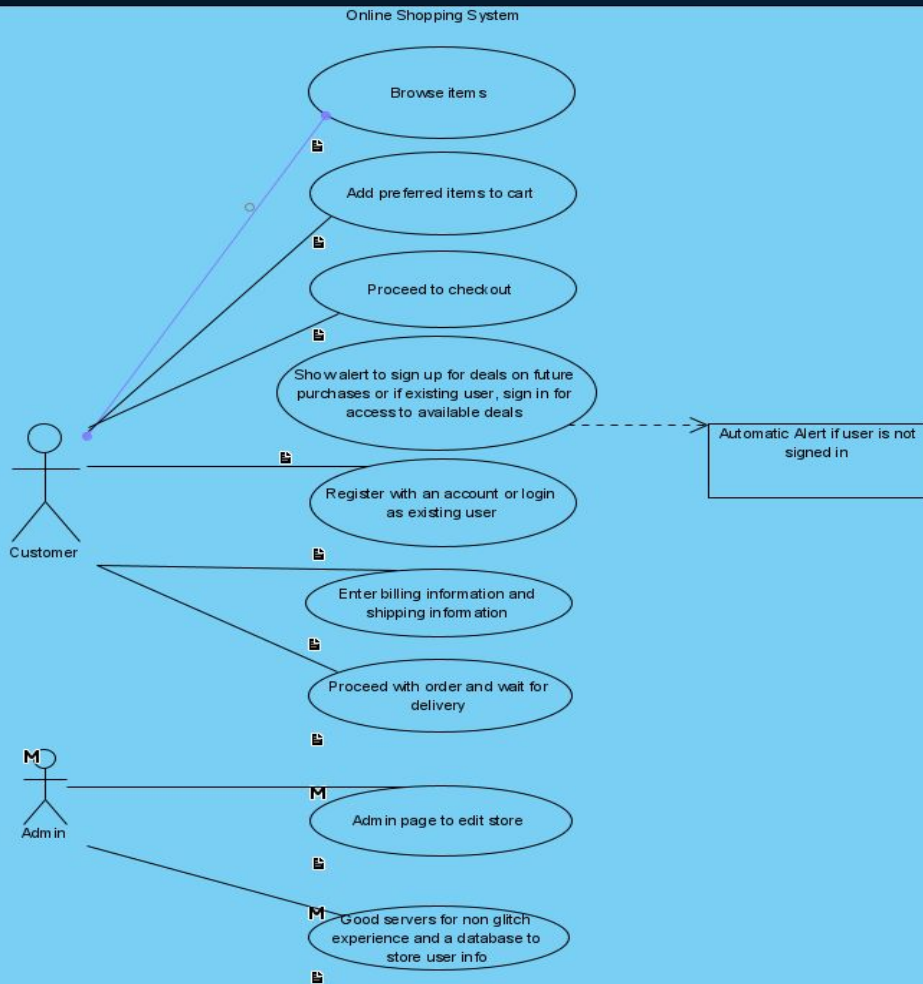Architectural
Design &
Conceptual
Models

WEEK 4
Code

Requirements & Use Cases
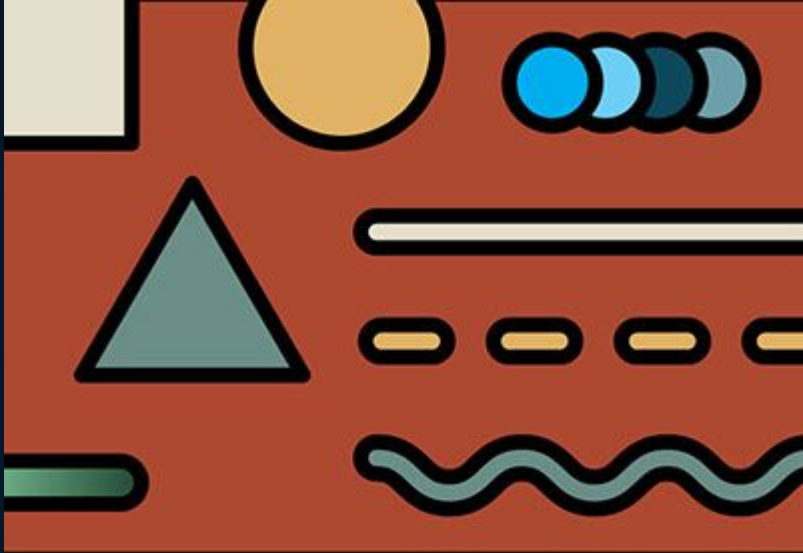
List of Project Requirements and Use Cases

Key Requirements

- Secure Checkout
- Secure Database
- Good Cart Manageability
- Dynamic Product Management
- Unique ID for Products
- Stable Updates
- Admin Page

- Alert System
- User Info Database
- Purchase History
- User Friendly Interface
- Counter
- Contact Form
- Delivery Coordination

USE CASES

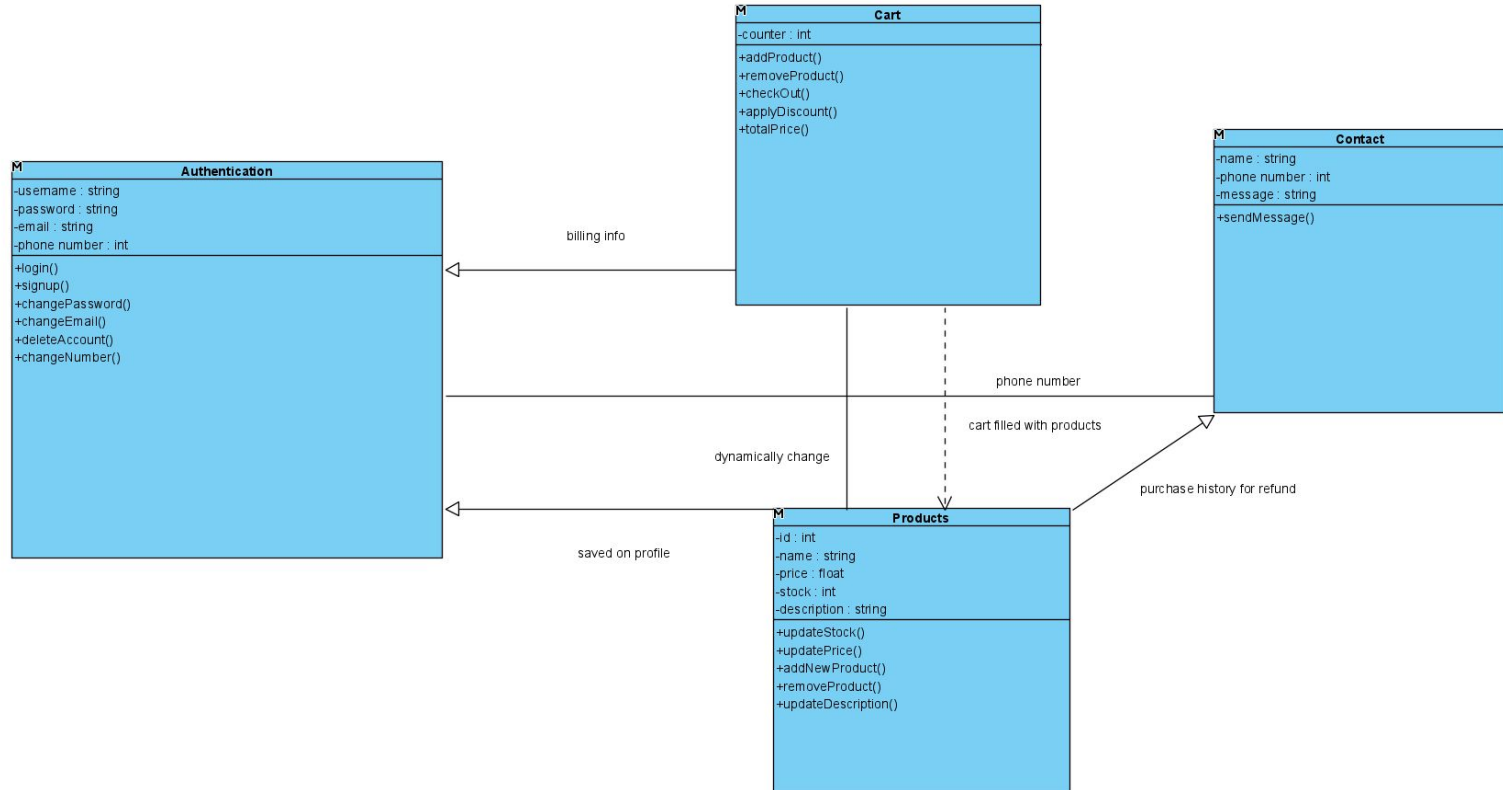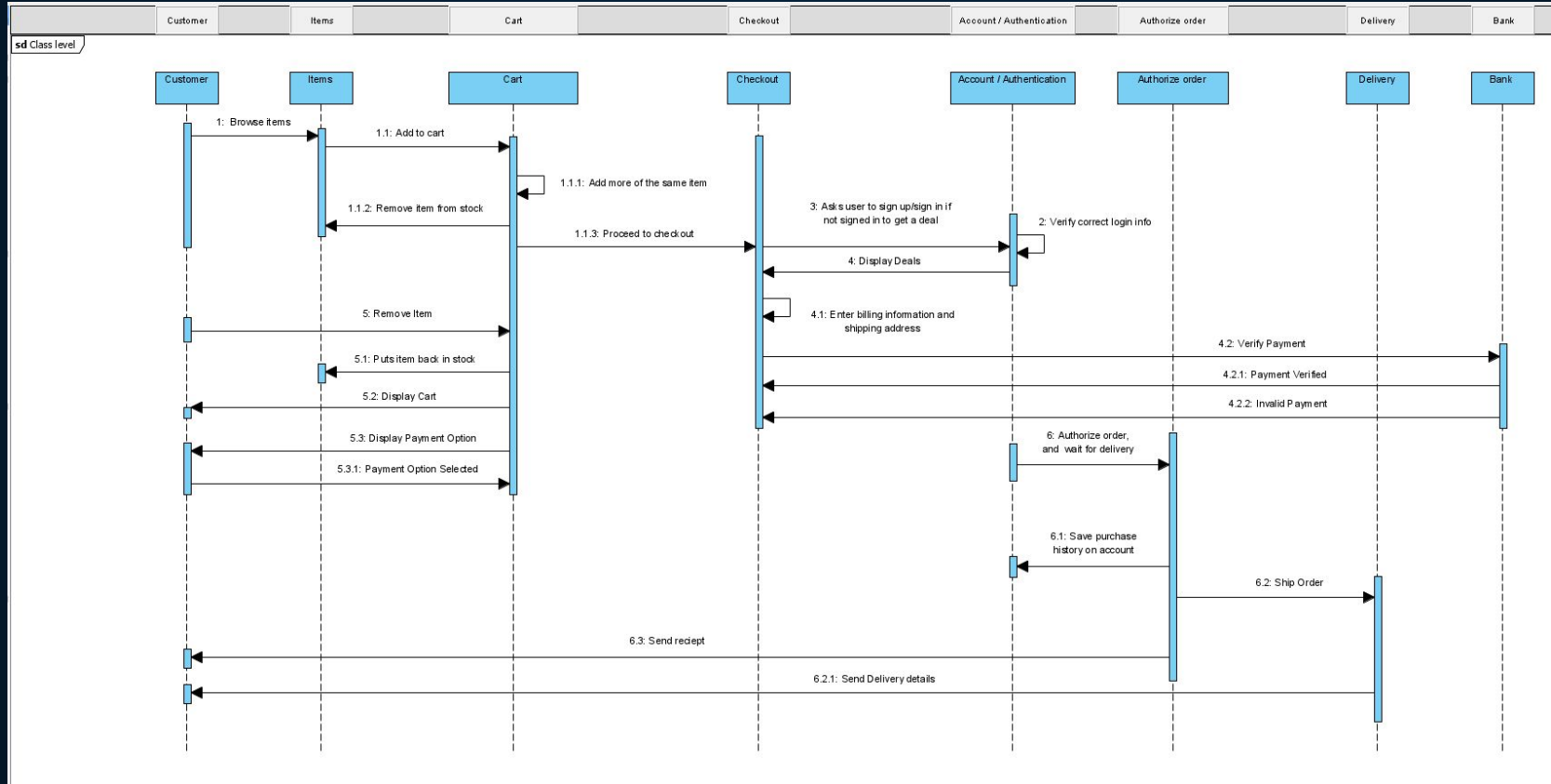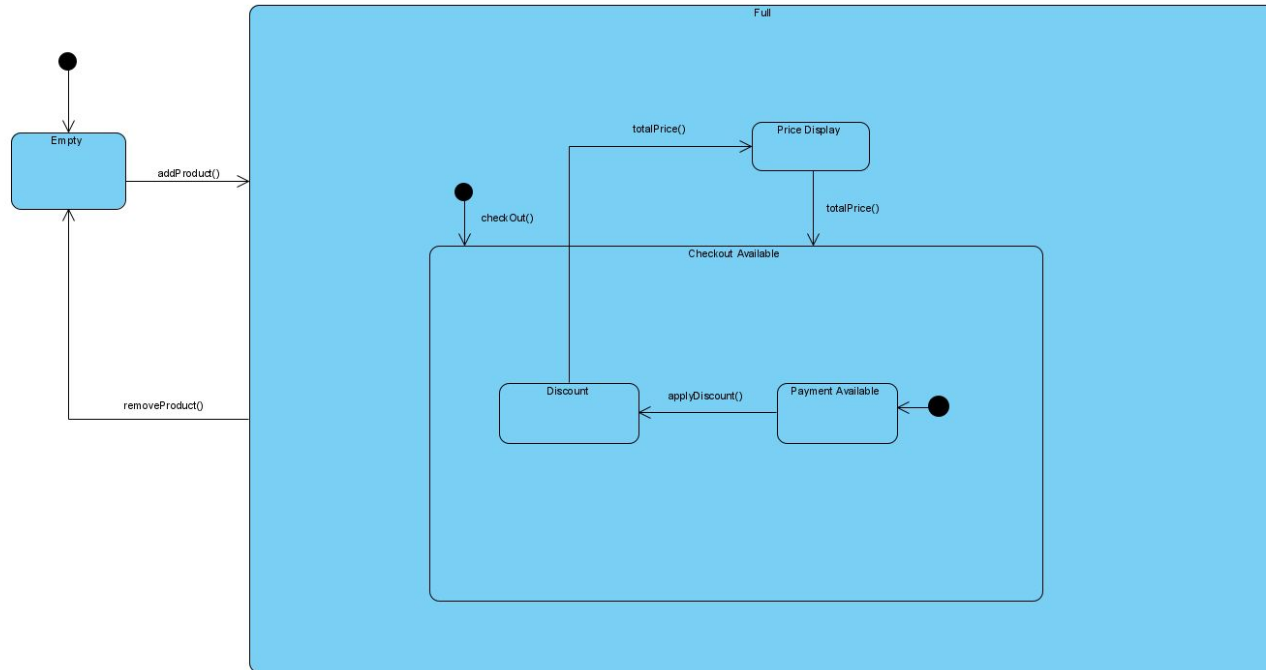# Design Elements

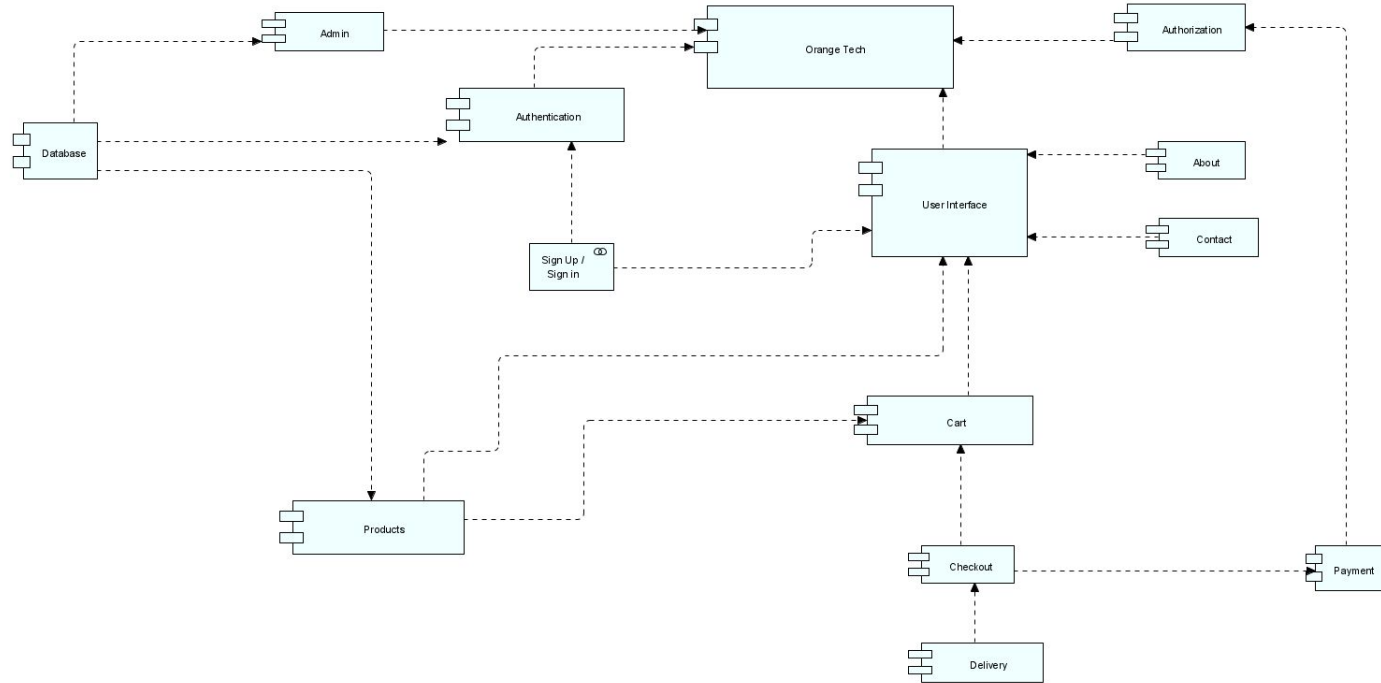Class and Component Models

BEHAVIOURAL MODEL

Sequence Diagram

State Model Diagram

Conceptual Model

Test Cases

Unit, Integration & Acceptance Tests

Test Cases
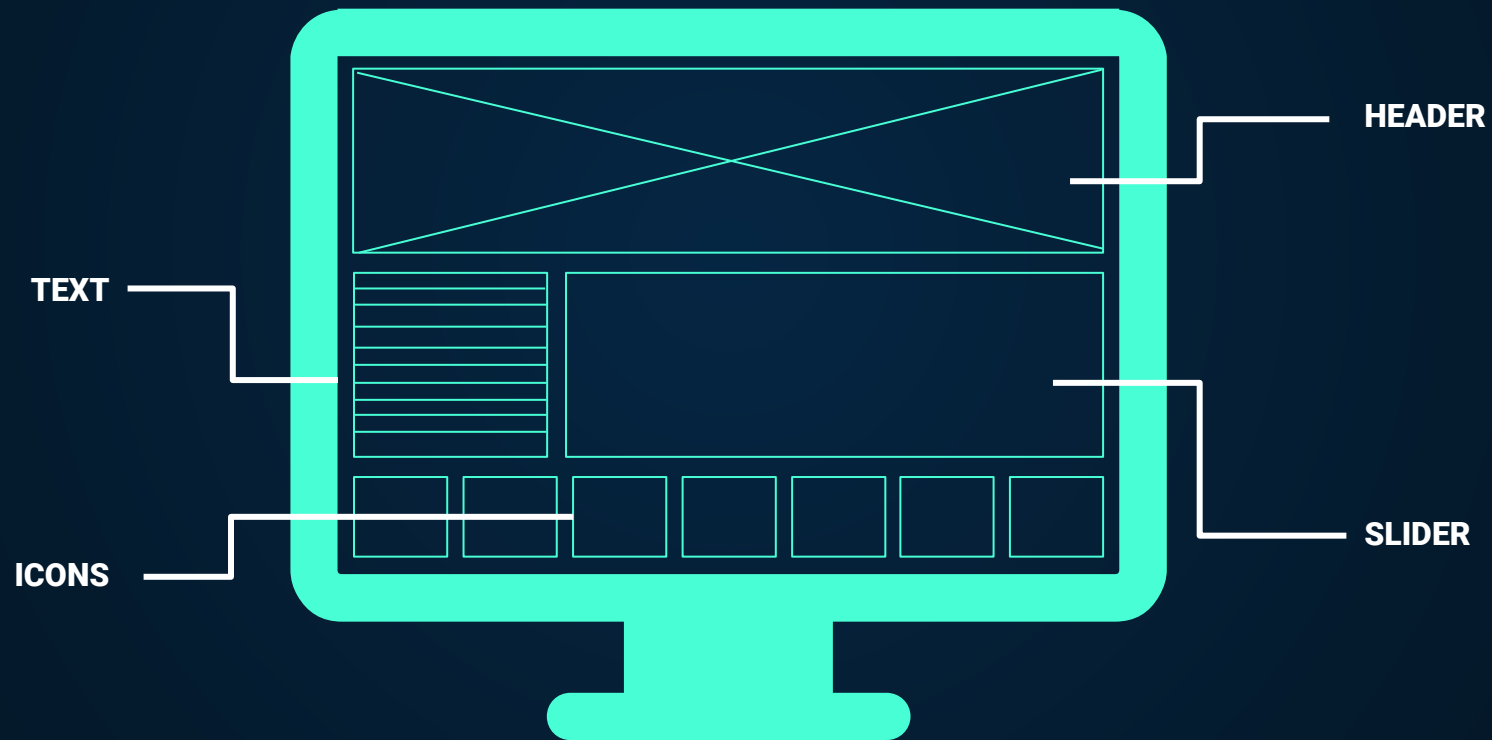
Test Cases	Description	Expected Result
Administration Services	When admin wants to add, remove, or edit something on the store they would go through the admin page for easier access and organization	Admin Successfully updates, adds products
Filtering and Search and Correct ID Match	User enters item to search, query item id is obtained, id is searched through available products in database and results are returned	User is able to find item through search filter quickly
Delivery Coordination	The database is checked to see if the item is in stock and then gets the information from the shipping services to give an estimate time to user	Database correctly returns stock quantity and delivers shipping information
Purchase History Log	The user has a full purchase history of what they have bought on their profile and if the user does not have an account, then the purchase information will be emailed to the user. This is used for customers to view and show as proof when needed for customer service.	User receives purchase history either through account or mail

Test Cases

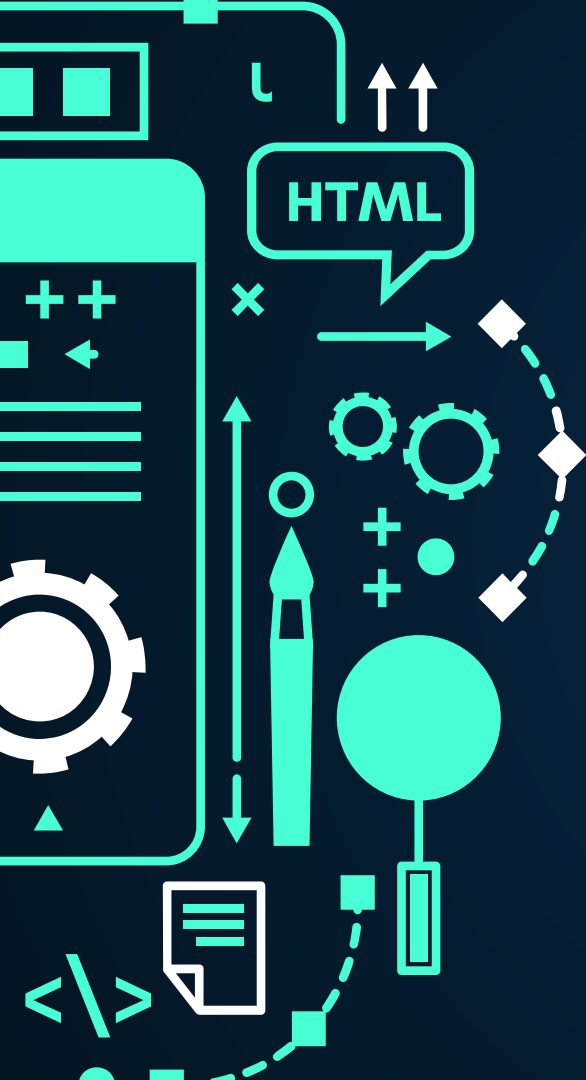| Test Case	Description	Expected Results
Deal Alerts	If the user has an account on the website, they will receive deals in their email and if the user does not then they will get a deal for signing up, plus more deals in the future.	User receives deal alerts
Cart Manageability	The cart is where all the products the user wants will be displayed, shows estimated total cost, deals and payment options.	Cart functionality is optimized
Hashing Information	With thousands of users that visit the website they will want their information to be safe so we will be using a hashed program for all private information such as passwords, addresses, and payment options.	Passwords, addresses and payment options are all hashed then stored in database
Contact Customer Service	If the user wants to return or refund a product, then they will need to contact the customer service. All information will be saved in the database.	User is able to contact customer service

Demo

Conclusión

- Orange Tech is the best online shopping store with optimal servers and user friendly website. Orange Tech has a diverse selection of items for user to browse.

- With our use cases and test cases made essentially based on the customers, Orange Tech prioritizes customer service above all else

- Come visit Orange Tech and buy your tech for the best prices and fastest delivery times

THANKS!

Any questions?