



Tryvogue Clothing

Project Plan

Client: Tryvogue Clothing

BUDT723 Business Process Analysis

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Executive Summary

Tryvogue Clothing is an Instagram-based thrift store based in Hyderabad, India. Their goal is to expand their customer base and establish a global presence by creating a comprehensive website. The website will highlight all available products, and top-selling items, and include a virtual assistant for customer support. Additionally, it will serve as a convenient platform for customers to place orders and make purchases from anywhere in the world. Additionally, it will help the firm manage its inventory and shipment.

Introduction

This project aims to create a website for Tryvogue Clothing to mark its global presence and improve the customer experience. The website will include product listings, top-selling items, a virtual assistant, and an easy-to-use purchasing system.

System Planning Phase Report

1.0 Client and Industry Background

Tryvogue Clothing is an established thrift store that has been operating primarily through Instagram, offering a wide range of affordable clothing items and accessories. The store has a resolute and growing customer base, consisting of fashion-conscious individuals who seek unique and sustainable fashion choices. With a deep commitment to ethical and eco-friendly practices, Tryvogue's mission is to revive and showcase the rich heritage of Indian fabrics from all corners of the country. By sourcing and manufacturing all its products responsibly, Tryvogue ensures that every customer purchase helps to promote sustainability and conscious consumerism. Furthermore, the store actively supports local non-profit organizations and contributes a portion of its profits to feed the underprivileged in India. The combination of Tryvogue's unique approach to fashion, its commitment to sustainability, and its dedication to social responsibility make it a compelling and distinctive brand in the fashion industry.

1.1 Opportunity

Tryvogue Clothing sees an opportunity to establish a global presence and expand its customer base by creating a comprehensive website. The website will enable customers to browse products, interact with a virtual assistant, and showcase Tryvogue's unique collection of fabrics. Moreover, the website will highlight the company's commitment to sustainability and social responsibility, with the potential for significant growth and success.

1.2 Project Objective

The main objective of this project is to create a user-friendly and aesthetic website for Tryvogue Clothing. The website should showcase all available products, and top-selling items, and provide a convenient platform for customers to place orders and make purchases.

1.3 Scope of Work

TryVouge is an online web platform that will be always accessible to all registered new and existing customers worldwide. Its primary focus is on providing customers with an easy and seamless online shopping experience. The platform will allow customers to search for items, add them to their cart, and make payments through a secure payment gateway.

To ensure the smooth operation of the platform, the Information Technology team will have the ability to modify the backend of the system and perform analysis to enhance the customer experience. This may include improving search functionality, optimizing the checkout process, and offering personalized product recommendations to customers.

TryVouge's goal is to be a one-stop shop for customers, offering a wide range of products across various categories such as fashion, beauty, and home decor. It will also allow customers to track their orders, view their purchase history, and manage their account settings.

Overall, TryVouge's focus is on delivering a seamless and convenient online shopping experience to customers worldwide.

2.0 Project Feasibility

2.1 Technical Feasibility

The project is technically feasible, as it will utilize modern no-code development platforms to create a fully functional and responsive website. The team will leverage these user-friendly platforms, allowing for rapid website creation without extensive programming knowledge in languages.

2.2 Economic Feasibility

The cost of designing, developing, and maintaining the website will be weighed against the potential increase in revenue from the expanded customer base. The project is expected to have a positive return on investment within a reasonable time frame.

2.3 Organizational Feasibility

The project will require the collaboration of the IT team, designers, and marketing personnel. The team is confident in its ability to complete the project within the desired timeframe and budget.

3.0 Project Methodology: Agile

Of the various system development methods, Agile Methodology best fits our goal.

3.1 Justification

For TryVouge, Agile project management is the best system development method as it is highly suitable for projects with constantly evolving requirements and tight time constraints. This approach ensures quick and efficient completion while still meeting the customer's needs. Additionally, it emphasizes customer feedback and collaboration between the development team and customers, resulting in higher customer satisfaction.

| Ability to develop systems with... | Waterfall | Agile Development | System Prototyping |
|------------------------------------|-----------|-------------------|--------------------|
| Unclear User Requirements | Poor | Excellent | Excellent |
| Customer Feedback | Poor | Excellent | Excellent |
| Existing Model | Poor | Excellent | Average |
| A Short Time Constraint | Poor | Excellent | Excellent |

Project Plan

4.0 Plan

| WBS | Name | Duration | Start | Finish |
|---------|------------------------------------|----------|-----------------|-----------------|
| | Tryvouge Project | 55 days | 2/20/23 8:00 AM | 5/5/23 5:00 PM |
| 1.1 | Planning | 5 days | 2/20/23 8:00 AM | 2/24/23 5:00 PM |
| 1.1.1 | Plan Project Initiation Meeting | 2 days | 2/20/23 8:00 AM | 2/21/23 5:00 PM |
| 1.1.2 | Communication Plans | 1 day | 2/22/23 8:00 AM | 2/22/23 5:00 PM |
| 1.1.3 | Team Charter | 1 day | 2/23/23 8:00 AM | 2/23/23 5:00 PM |
| 1.1.4 | Identify Primary Stakeholders | 1 day | 2/24/23 8:00 AM | 2/24/23 5:00 PM |
| | | | | |
| 1.2 | Analysis | 15 days | 2/27/23 8:00 AM | 3/17/23 5:00 PM |
| 1.2.1 | Establish Requirements | 2 days | 2/27/23 8:00 AM | 2/28/23 5:00 PM |
| 1.2.1.1 | Customer Requirements | 2 days | 2/27/23 8:00 AM | 2/28/23 5:00 PM |
| 1.2.1.2 | Employee Requirements | 2 days | 2/27/23 8:00 AM | 2/28/23 5:00 PM |
| 1.2.2 | Business Integration Analysis | 9 days | 2/28/23 8:00 AM | 3/10/23 5:00 PM |
| 1.2.3 | Develop and Approve Use Cases | 5 days | 3/13/23 8:00 AM | 3/17/23 5:00 PM |
| | | | | |
| 1.3 | Design | 20 days | 3/20/23 8:00 AM | 4/14/23 5:00 PM |
| 1.3.1 | Develop Database Design | 10 days | 3/20/23 8:00 AM | 3/31/23 5:00 PM |
| 1.3.2 | Develop front-end Design | 20 days | 3/20/23 8:00 AM | 4/14/23 5:00 PM |
| 1.3.3 | Develop back-end design | 20 days | 3/20/23 8:00 AM | 4/14/23 5:00 PM |
| 1.3.4 | Develop system for sales reporting | 10 days | 4/3/23 8:00 AM | 4/14/23 5:00 PM |
| | | | | |
| 1.4 | Implementation | 10 days | 4/17/23 8:00 AM | 4/28/23 5:00 PM |
| 1.4.1 | Employee Training | 7 days | 4/17/23 8:00 AM | 4/25/23 5:00 PM |
| 1.4.2 | System Integration Check | 7 days | 4/17/23 8:00 AM | 4/25/23 5:00 PM |
| 1.4.3 | Maintenance and Support | 2 days | 4/18/23 8:00 AM | 4/19/23 5:00 PM |
| 1.4.4 | Operations | 2 days | 4/18/23 8:00 AM | 4/19/23 5:00 PM |
| 1.4.5 | Track Performance | 4 days | 4/25/23 8:00 AM | 4/28/23 5:00 PM |
| 1.4.6 | Feedback Analysis | 1 day | 4/28/23 8:00 AM | 4/28/23 5:00 PM |
| | | | | |
| 1.5 | Testing | 5 days | 5/1/23 8:00 AM | 5/5/23 5:00 PM |
| 1.5.1 | Perform unit testing | 3 days | 5/1/23 8:00 AM | 5/3/23 5:00 PM |
| 1.5.2 | Perform system testing | 3 days | 5/1/23 8:00 AM | 5/3/23 5:00 PM |
| 1.5.3 | Perform performance testing | 5 days | 5/1/23 8:00 AM | 5/5/23 5:00 PM |

NOTE: None of the additional deliverables are affecting the project plan and we are sticking to the original project timeline.

Requirements:

5.0 Business Requirements:

- Establish a global presence and expand the customer base
- Increase sales revenue and profits
- Provide a platform for customers to purchase products conveniently
- Create a competitive advantage by offering a unique shopping experience
- Improve brand visibility and recognition
- Attract new customers and retain existing ones
- Expand product offerings and increase variety to meet customer demand

5.1 User Requirements:

Users: 1. Customers

2. Board of the company

3. IT employees

- Customers should be able to search the required products
- Customers should be able to add, remove and update the products in the cart.
- Customers should be able to navigate easily with user-friendly interface.
- Customers should be able to see detailed product listings with images, sizes, and descriptions
- Customers should be able to get personalized recommendations through a virtual assistant
- Customers should be able to checkout easily while making a purchase
- Customers should be able to access customer support for queries and feedback
- Customer should be able payments with multiple options
- Customer must be able to track the shipping status
- IT employees should be able to make changes in the website
- Board of directors should be able to access information and update it if necessary
- Store staff must be able to track the inventory
- Management must be able to track shipping status

5.2 Functional Requirements:

- Product listings with detailed information, images, and sizes
- Top-selling items section showcasing the latest trends
- Virtual assistant chat feature providing personalized recommendations and answering customer queries
- Simple and convenient checkout process with multiple payment options
- Global shipping functionality to deliver products worldwide
- Search functionality for customers to easily find products
- Ability to leave product reviews and ratings for customer feedback

5.2.1 Process Requirements:

- A well-defined process for customers to browse and select products, add them to their cart, and check out with a seamless payment process
- Process for customers to contact the business in case of any queries, feedback, or complaints
- Order processing and shipping process to ensure timely delivery
- Product return and refund process for customer satisfaction

- Inventory management process to ensure product availability and avoid stockouts
- Secure login and authentication process for customer account creation and management
- GDPR compliance process for handling customer data and privacy concerns

5.2.2 Informational Requirements:

- Product information, customer information, transactional details, and communication between the business and the customers are stored in a database
- Website traffic data and website usage analytics to improve the customer experience
- Real-time inventory management to ensure product availability
- Sales data and customer feedback to improve business decisions
- Security measures to protect customer data and transactional details
- GDPR compliance to handle customer data and privacy concerns
- Scalable and flexible data storage to handle increased website traffic and data volume

5.3 Non-functional Requirements:

5.3.1 Operational:

- 24/7 website availability with minimal downtime
- Automatic backups and disaster recovery procedures to ensure data safety
- Continuous monitoring of website performance and user experience
- Automatic notifications for system alerts and errors

5.3.2 Performance:

- Fast and responsive website with quick loading time for pages and images
- High website availability and low page loading times to improve user experience
- Scalability to handle increased website traffic and data volume

5.3.3 Security:

- Proper encryption and protection of customer data and transactional details
- Compliance with local data privacy and security laws
- Regular system updates and patches to prevent security breaches and vulnerabilities

5.3.4 Cultural and Political:

- Compliance with local laws and regulations, including those related to data privacy, security, and taxation.
- Inclusive website design that caters to customers of diverse backgrounds and cultures
- Ethical and sustainable sourcing of thrifted clothing items to promote social responsibility and environmental consciousness.

System Analysis Phase Report

6.0 Fact Finding

A market analysis was conducted to gain insights into the current state of the online fashion retail industry and identify opportunities for Tryvogue to establish a unique and competitive position. Interviews were also conducted with current and potential customers to understand their needs and preferences when shopping for sustainable clothing and accessories. Additionally, data was collected on the various fabrics and materials used by Tryvogue to manufacture its products, as well as the company's commitment to sustainability and eco-friendliness. This information will be used to inform the design and development of Tryvogue's website, with the aim to provide customers with an intuitive and user-friendly shopping experience that promotes sustainability and responsible consumerism.

6.1 *Customers Can Browse and Search Products*

Requirements:

- Customers must be able to search for products by categories, such as clothing, accessories, shoes, etc.
- The platform must provide filters for attributes like size, color, brand, price, and more.
- A recommendation system should be implemented to suggest products based on user preferences and browsing history.

Integration:

- Tryvogue will integrate with the product catalogs of participating fashion brands and e-commerce platforms, ensuring real-time updates on product availability and pricing.
- Social Media Integration: Integrate the website with social media platforms such as Instagram and Facebook to allow customers to browse and purchase products directly from the social media pages.

Improvements Made:

- Visual Search: Implement a visual search feature that allows customers to upload an image of a product they are looking for or take a picture of an item they like, and the platform will search for similar products in the catalog.
- Personalization: Offer personalized product recommendations based on a customer's past purchases, browsing history, and preferences. This can be achieved through machine learning algorithms that analyze customer data and provide tailored recommendations.
- Multi-Language Integration: Implement multi-language support that allows customers to view the website and manage their account information in their preferred language. This can help Tryvogue Clothing reach a broader audience and increase sales in international markets.

6.2 *Customers Can Create Accounts and Manage Personal Information*

Portfolios can be created after the user account is created.

Requirements:

- Customers must provide their name, email address, and password to create an account.
- Users should be able to manage their shipping addresses, billing information, and order history.

- A wish list feature should be implemented, allowing users to save items they're interested in for future reference.

Integration:

- Tryvogue will integrate with social media platforms, such as Facebook and Google, for a faster account creation process through social logins.

6.3 Customers Can Place Orders and Make Payments

Employers can use these accounts to create job postings.

Requirements:

- Customers must be able to add products to their shopping cart and review their orders before checkout.
- The platform must support multiple payment methods, including credit/debit cards, PayPal, and other popular payment services.
- Users should receive order confirmation emails and can track their packages.

Integration:

- Tryvogue will integrate with various payment gateways and shipping carriers to streamline the checkout process and provide real-time shipping updates.
- To enhance security, Tryvogue will integrate with security services, such as SSL/TLS encryption and fraud detection tools, to protect customer data and prevent fraudulent transactions.

6.4 Integration with Instagram for Product Promotion

Requirements:

- The platform should allow users to connect their Instagram accounts and share their favorite products with their followers.
- Brands should be able to create shoppable posts, allowing customers to purchase products directly from Instagram.

Integration:

- Tryvogue will integrate with the Instagram API to facilitate seamless sharing and purchasing experiences.
- Instagram Ads: Tryvogue can integrate with Instagram Ads to promote products and reach a larger audience. Brands can target specific demographics and interests to increase the effectiveness of their advertising campaigns.
- Instagram Live Integration: Tryvogue can integrate with Instagram Live to showcase products and engage with customers in real-time. Brands can host live Q&A sessions, product demonstrations, and other interactive events to drive sales and increase engagement.

6.5 Virtual Assistant for Customer Support

Requirements:

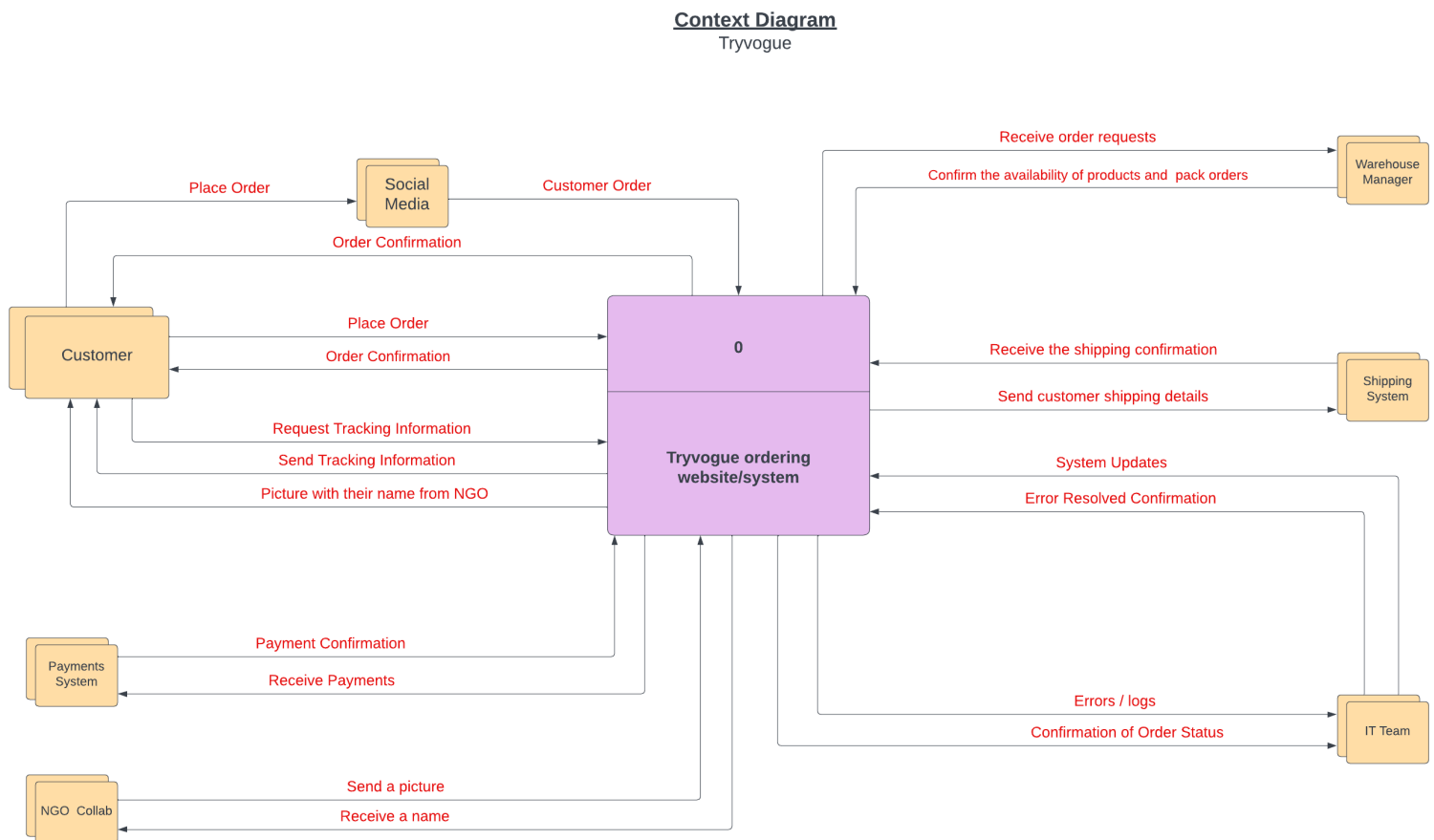
- A chatbot should be available to assist customers with their inquiries, such as product information, order status, and return policies.
- The chatbot must be able to escalate complex issues to human customer support representatives when necessary.

Integration:

- Tryvogue will utilize AI-driven chatbot technology to provide an efficient and personalized customer support experience.
- Social Media Integration: The chatbot can be integrated with social media platforms to provide support and engage with customers on social media channels.
- Email Integration: The chatbot can be integrated with Tryvogue's email system to support customers via email.

7.0 Data Model Diagrams

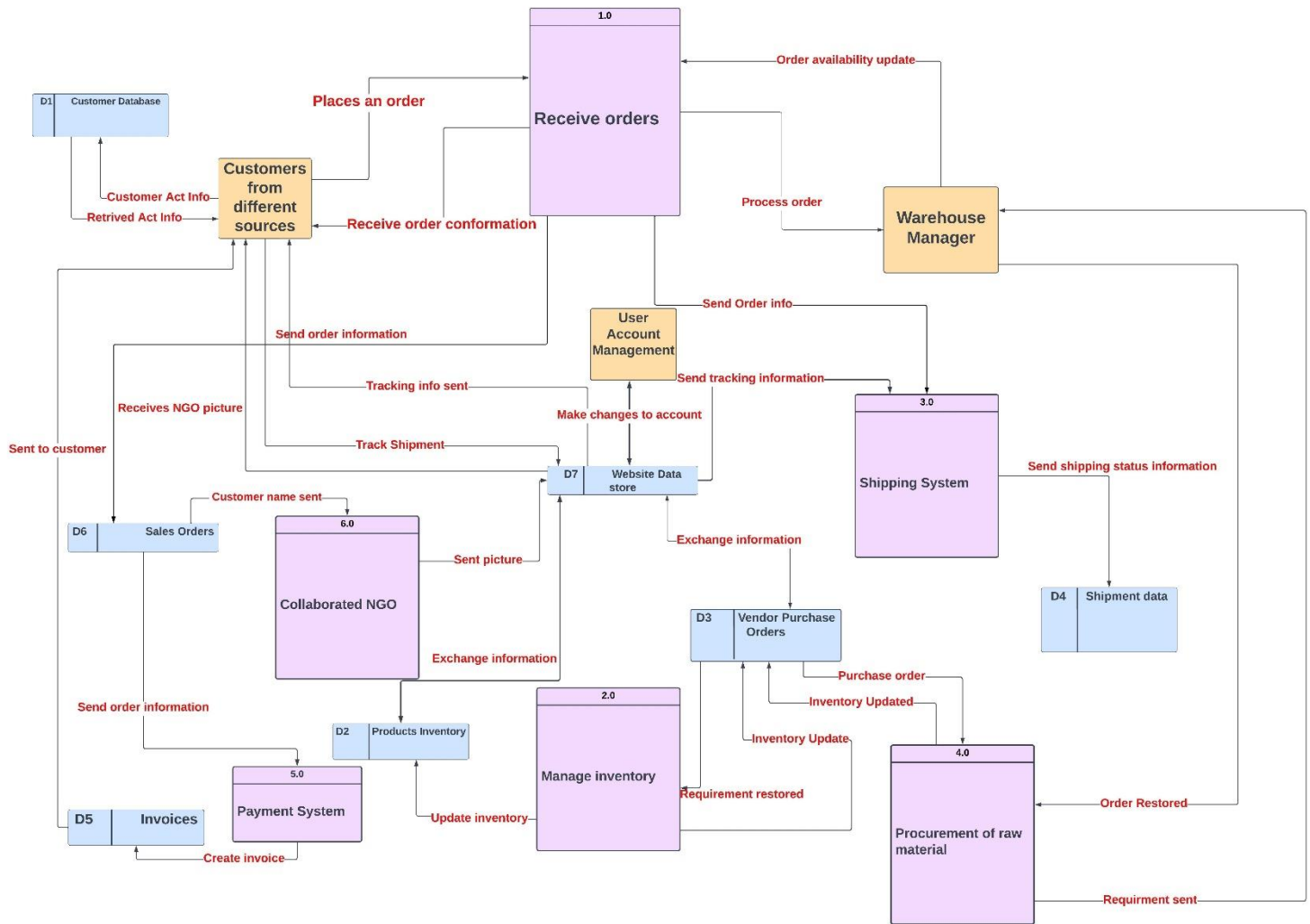
7.1 Context Level Diagram



External Entities:

- 7.1.1 **Customer:** A person who is looking to buy products from the website. A customer can land directly on the website or come from a social media platform.
- 7.1.2 **Social media:** Represents all the social media applications where Tryvogue has its presence.
- 7.1.3 **NGO Collab:** Represents it's the NGO that the company collaborated with donates money everytime a purchase is made
- 7.1.4 **Payments:** Represents a system that generates payment invoices when an order is made.
- 7.1.5 **Warehouse Manager:** Represents an individual who manages the warehouse. Takes orders from the website and also procures the requirement needed for the company.
- 7.1.6 **Shipping System:** Represents a simple shipping system that takes in an order and ships it to the concerned customer
- 7.1.7 **IT Team:** Represents a team responsible for all the IT related operation

7.2 Level 0 Diagram



Description:

This Level 0 Diagram shows different entities and their relationships in a Tryvogue's data management system.

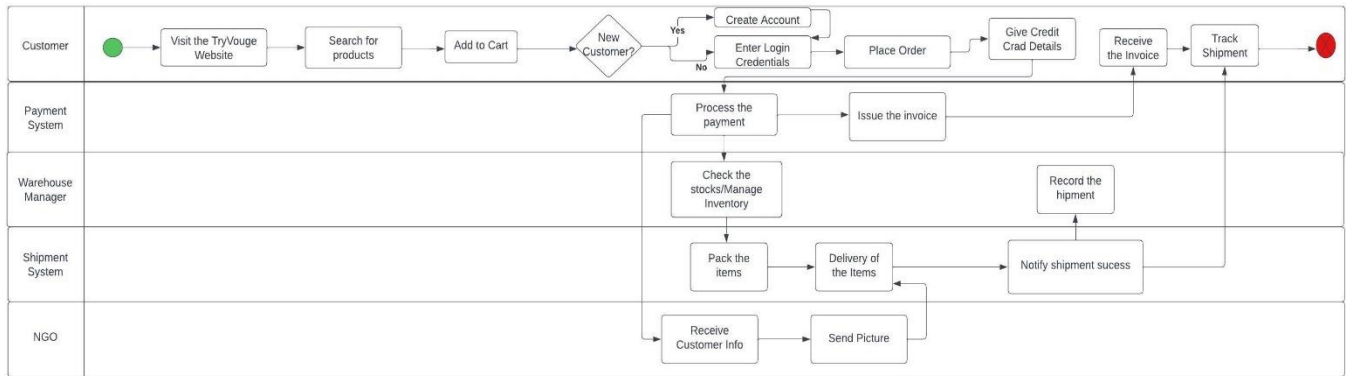
The "Customer Database" stores customer information, order details, and tracks shipments. The "Website Data Store" is responsible for managing website-related data such as customer names, order information, and tracking information.

"Sales Orders" manages information related to the sales order process, such as exchanging information and sending pictures. The "Shipping System" handles shipping status information and tracking information.

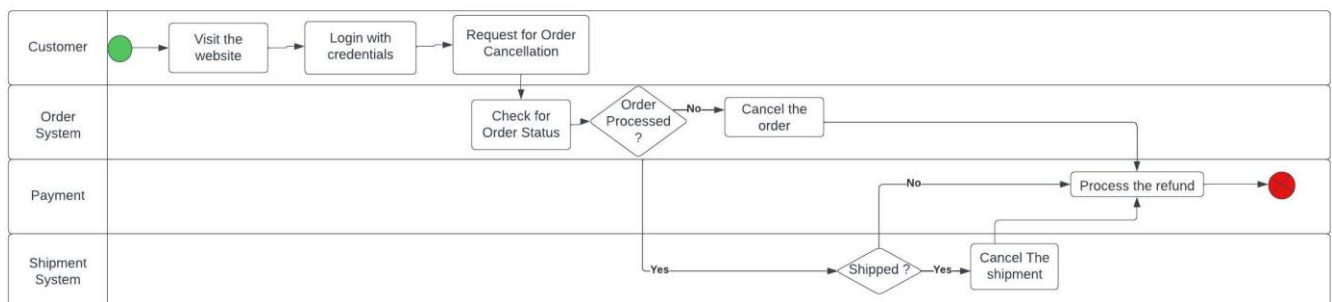
The "Vendor Purchase Orders" is responsible for managing vendor purchase orders, while "Shipment Data" tracks shipment-related data. The "Products Inventory" manages inventory-related data, such as inventory updates and purchase orders.

The "Invoices" entity manages invoice-related data, while the "Payment System" handles payment-related data and updates inventory accordingly. The "Manage Inventory" entity manages inventory-related data and tracks requirements, while the "Procurement of Raw Material" handles the procurement of raw material and restores orders.

7.3 Swimlane Diagrams

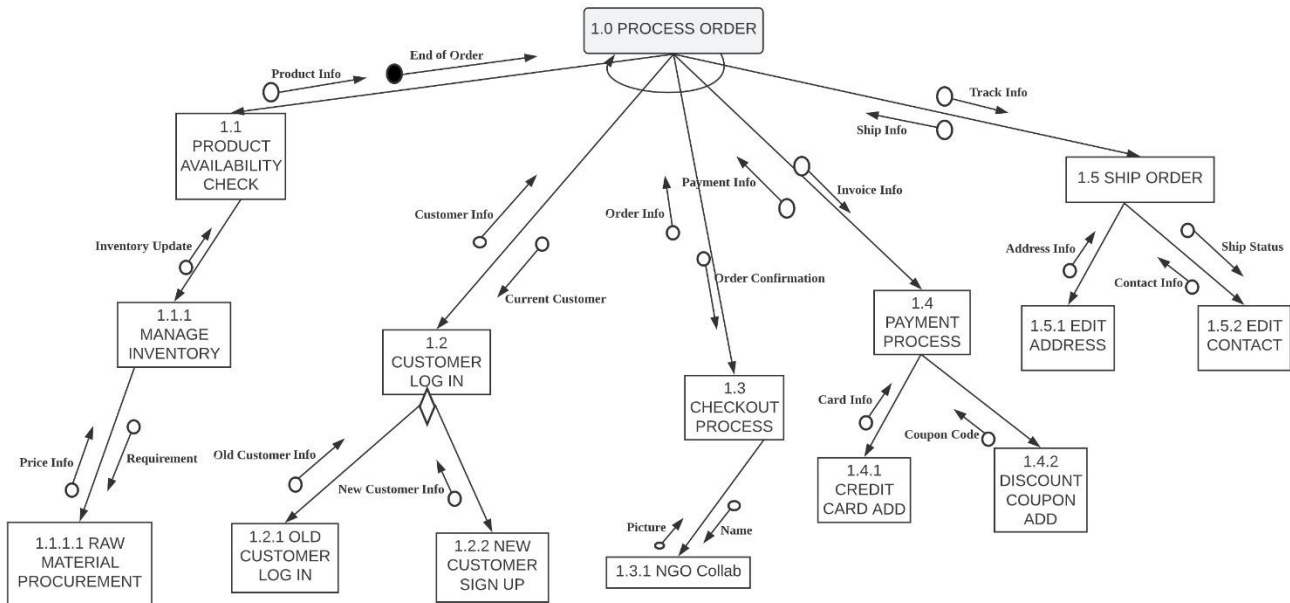


This swimlane diagram illustrates the various steps involved in the order processing of online shopping platform "TryVouge". This represents the activities performed by different entities involved in the process, such as Customer, Payment System, Warehouse Manager, Shipment System, and NGO. Initially, the Customer visits the TryVouge website and searches for products according to their requirements. Once the customer selects the products, they add them to the cart, and they can either create a new account or enter login credentials if they are an existing user and provide credit card details for payment. The Payment System processes the payment and issues an invoice for the order. The Warehouse Manager then checks the inventory and manages stocks before recording the shipment. The Shipment System packs the items and delivers them to the customer. The system also notifies the customer about the shipment status.



This swimlane diagram depicts the process of canceling an order in an online shopping platform. The entities involved in the process include the customer, the order system, the payment system, and the shipment system. The process begins with the customer visiting the website and logging in with their credentials. If the customer decides to cancel an order, they can submit a request for order cancellation. The order system checks for the status of the order and if it has not been processed yet, the order is canceled. The payment system then processes the refund, and the shipment system is checked to see if the order has been shipped. If the order has not been shipped, the shipment is canceled. If the order has already been shipped, the customer receives the shipment and can then initiate a return or refund process.

7.4 Structure Chart

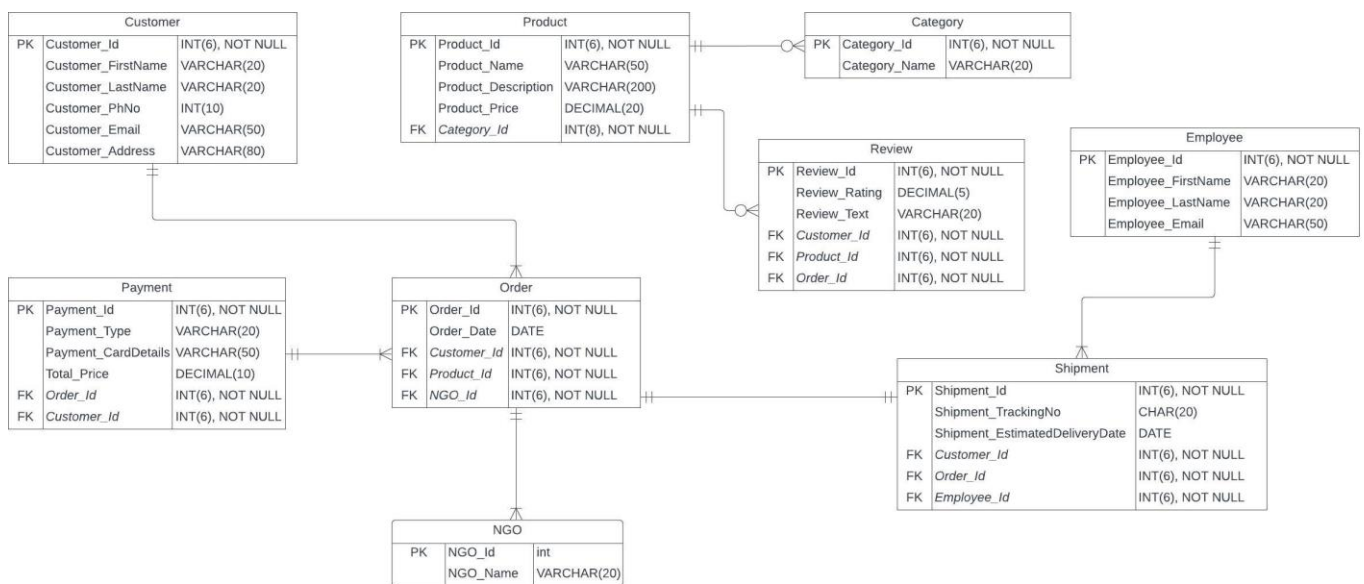


Description: The module being referred to is a visual representation of the steps involved in processing an order. The control module is called Progress Order, which means it is responsible for overseeing the order's progress from start to finish. The other modules are subordinate or library modules, which means they are smaller parts of the larger process and are called upon as needed.

The sequence of invoking the module refers to the order in which the modules are executed. The process starts from the top module and moves down to the next module, and then from left to right within each module. This sequence ensures that the process flows smoothly and that each module is executed in the correct order to successfully process the order.

System Design Phase Report

8.0 Physical ERD



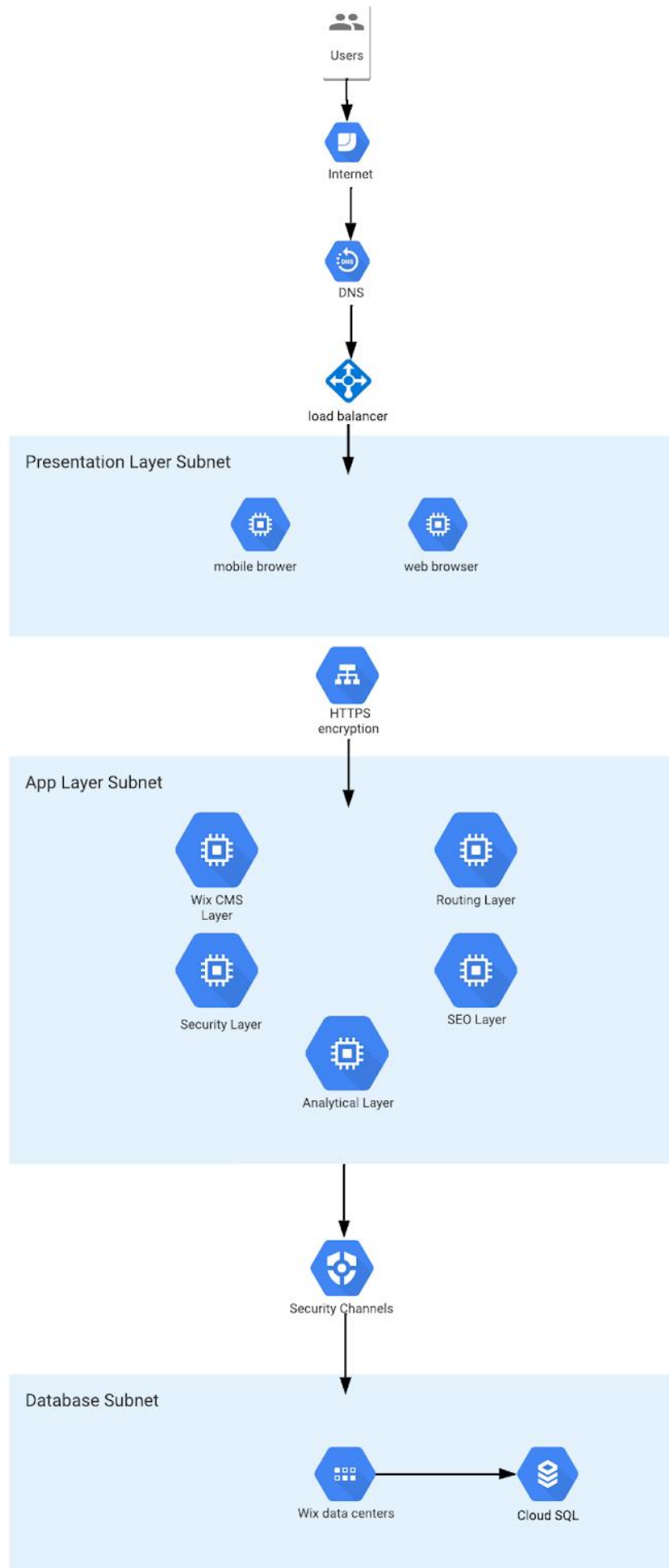
Description: The given database schema represents a model for **Tryvogue Online Clothing Store** that enables customers to purchase products from anywhere in the world. The schema includes entities such as Customer, Product, Category, Review, Employee, Payment, Order, Shipment, and NGO. Customers can create an account and browse through the available products listed on the website. They can view the product details, add them to the cart, and proceed to checkout. Payment can be made using various methods such as credit/debit cards, PayPal, etc. Once the order is placed, the customer receives an estimated delivery date and a tracking number to track the shipment. Customers can also leave reviews for the products they have purchased. The website also employs a virtual assistant to provide customer support. The schema also includes entities such as Employee and NGO, who are responsible for managing the orders and shipments.

- **Customer (PK = Customer_id)** Contains information about the customer including their first name, last name, phone number, email address, and home address.
- **Product (PK = Product_id)** Contains information about a product including its name, description, price, category id.
- **Category (PK = Category_id)** Contains information about the category of a product including the category name.
- **Employee (PK = Employee_id)** Contains information about an employee working for Tryvogue including their first name, last name, and address.
- **Payment (PK = Payment_id)** Contains information about a payment transaction including the payment type, card details, total amount, the Order ID of order the payment is against, and the customer who placed the order.
- **Order (PK = Order_id)** Contains information about an order including the date it was placed on, the customer who placed it, the products that are in the order and the NGO that is looking over it.
- **Shipment (PK = Shipment_id)** Contains information about the shipment including its tracking number estimated date of delivery, the customer id, order id and employee id.
- **Review (PK = Review_id)** contains the information of a review posted on a product, its rating, the customer who posted it by.
- **NGO (PK = NGO_id)** contains information about the NGOs.

9.0 Design Architecture

9.1 Cloud Architecture

1. Users can access the website through their desktop or mobile device.
2. The website is hosted on Wix, which is a cloud-based web development platform that provides hosting and content management services.
3. Wix uses a three-tier architecture design, with a Presentation Tier, an Application Tier, and a Data Tier.
4. The Presentation Tier provides the user interface for the website and consists of the user's device and web browser. Communication between the Presentation Tier and the Application Tier is encrypted using HTTPS.
5. The Application Tier of your website consists of the following layers, which work together to implement your website's business logic and functionality:
 - a. Wix CMS Layer: This layer provides the tools for creating, managing, and publishing website content. It includes a drag-and-drop editor, customizable templates, and built-in SEO tools to help optimize your content for search engines. The Wix CMS Layer also supports the integration of third-party apps and plugins to enhance the functionality of your website.
 - b. Routing Layer: The Routing Layer is responsible for mapping your website's domain name to its IP address and providing CDN capabilities to improve website performance. It uses Wix's proprietary routing algorithms to optimize traffic routing and minimize latency.
 - c. Security Layer: The Security Layer is responsible for implementing various security measures to protect your website and its data from unauthorized access, hacking, and other cyber threats. It includes 2-factor authentication, access control, intrusion detection, and encryption mechanisms to ensure that your website is secure and compliant with industry standards.
 - d. Business Logic Layer: The Business Logic Layer is where your website's custom functionality and processes are implemented. This layer is responsible for processing user requests, handling data input and validation, executing business rules, and performing other operations that drive your website's core functionality.
 - e. Data Access Layer: The Data Access Layer provides access to the Data Tier of your website, allowing your application to read and write data to the database. This layer uses the Wix platform's built-in data storage and retrieval mechanisms to ensure that data is stored securely and can be accessed quickly and efficiently.
 - f. Analytics Layer: The Analytics Layer provides website owners with insights into their website's traffic, user behavior, and performance. It includes tools for tracking website metrics, analyzing user behavior, and generating reports that can help you make data-driven decisions about your website's design, content, and marketing strategies.
6. The Data Tier stores the website's data and is hosted in Wix's data centers. It communicates with the Application Tier via secure channels and provides high availability, redundancy, and disaster recovery capabilities.
7. The website is designed to be public-facing, but with back-end servers that are not publicly accessible for security purposes.
8. Security features are managed by Wix, providing protection against common web security threats such as cross-site scripting (XSS), SQL injection, and distributed denial-of-service (DDoS) attacks.
9. The subnets in the Application Tier interact with the Data Tier through Wix's internal routing system.
10. All the website's data is stored in Wix's corporate data centers, providing a secure and reliable storage solution.
11. Wix's data centers are scalable, ensuring that the website can handle increased traffic and data storage needs as the website grows.



10.0 User Interface

10.1 Home Screen



This is the home screen of the website. The name of the website is Tryvogue. Whenever a user searches for Tryvogue, they will land on this home screen. The home screen has multiple functionalities (Buttons):


1. **Shop Now:** This button allows users to access all available products for purchase.
2. **Tryvogue logo link:** The logo link button, typically located in the header section of the website, allows users to return to the home page from any other page within the website.
3. **Search:** The search button enables users to search for specific items within the website.
4. **Cart:** This button allows users to view and manage their cart status.
5. **Chatbot:** The chatbot feature facilitates interaction between users and a virtual assistant for assistance with any queries.
6. **Log In:** The login button enables users to access their personal accounts.
7. **Hamburger Menu:** The hamburger menu button gives users quick access to the website's menu, where they can navigate different sections or pages.


10.2 Login and Sign-Up Screens

×

Sign Up

Already a member? [Log In](#)

 Sign up with Google

 Sign up with Facebook

or


Sign up with email


☒ Sign up to this site with a public profile. [Read more](#)

×

Log In

New to this site? [Sign Up](#)

 Log in with Google

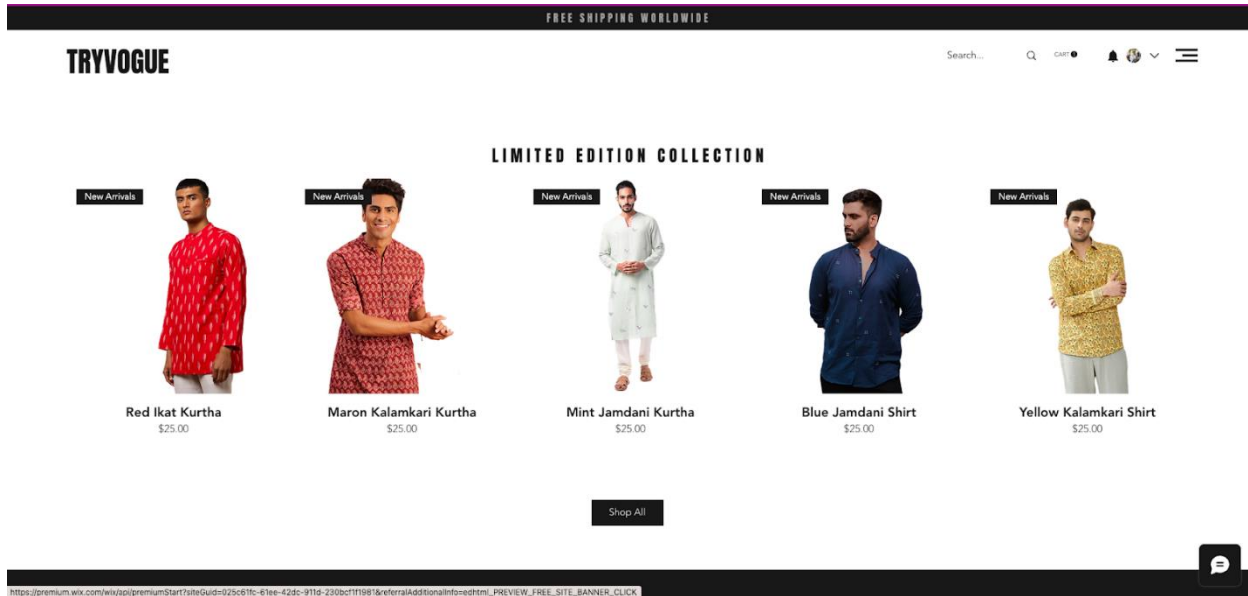
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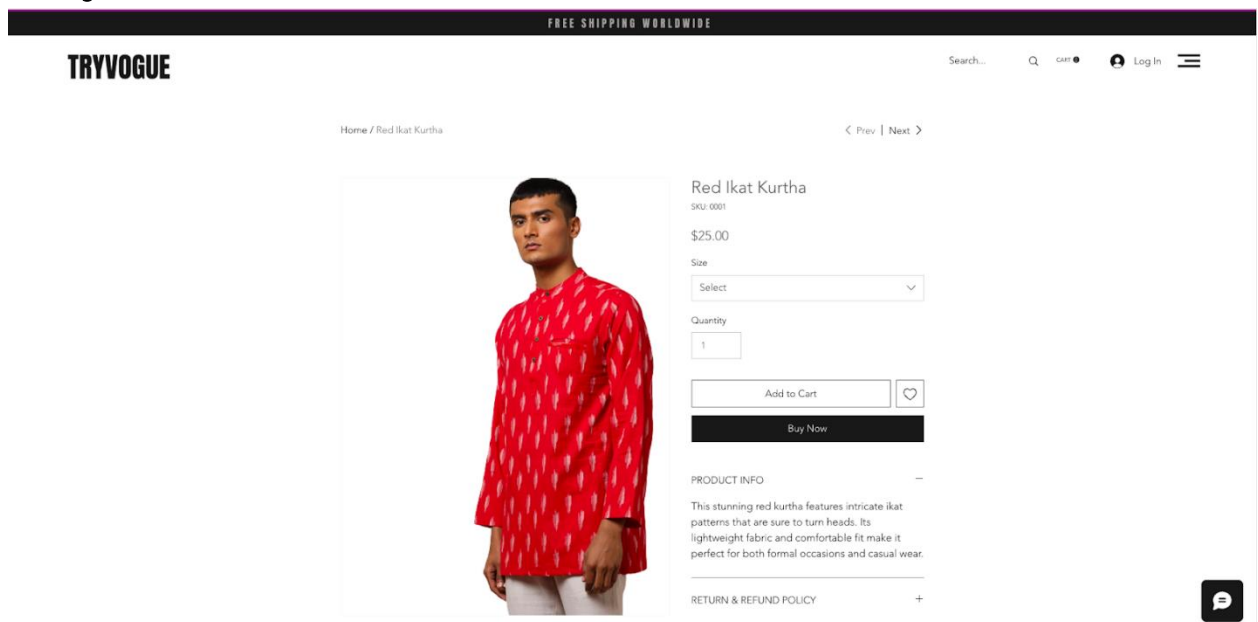
The website includes separate Sign Up and Login screens that allow users to create a personal account. Existing users can sign in with their credentials, while new users can sign up using their Gmail, Facebook, or email account.

10.3 Limited Editions Screens



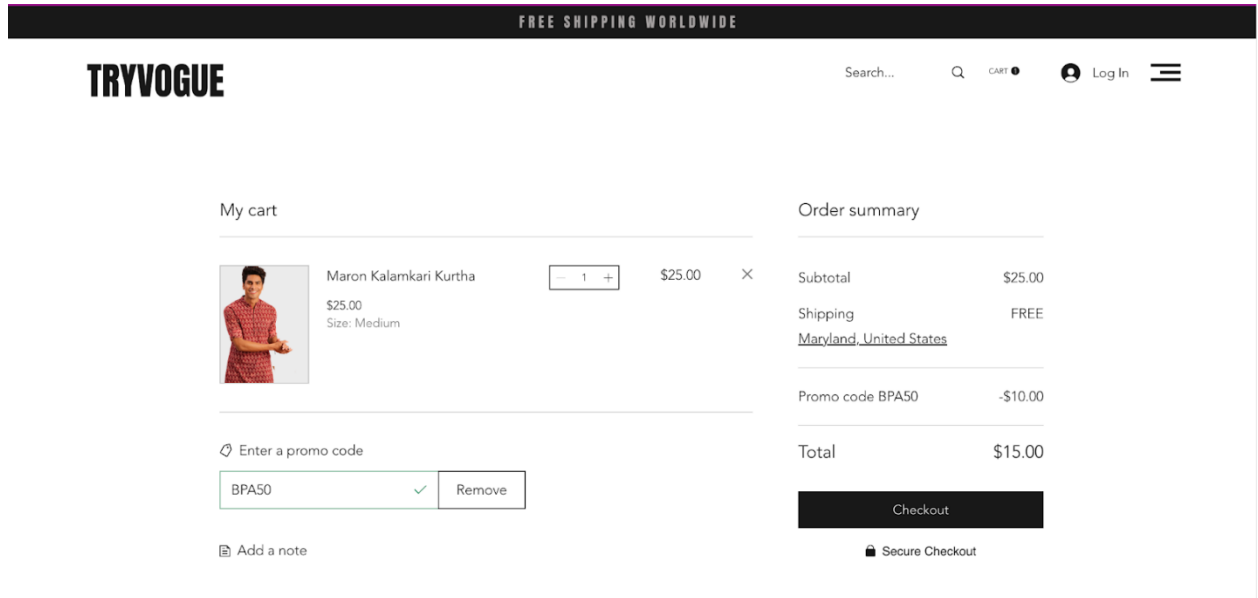
On the homepage, users can scroll down to access the Limited-Edition Collection screen. This section showcases the top 5 limited edition collections of Tryvogue, allowing users to add their preferred collection directly to their cart or select a product to learn more about it.

10.4 Product Page



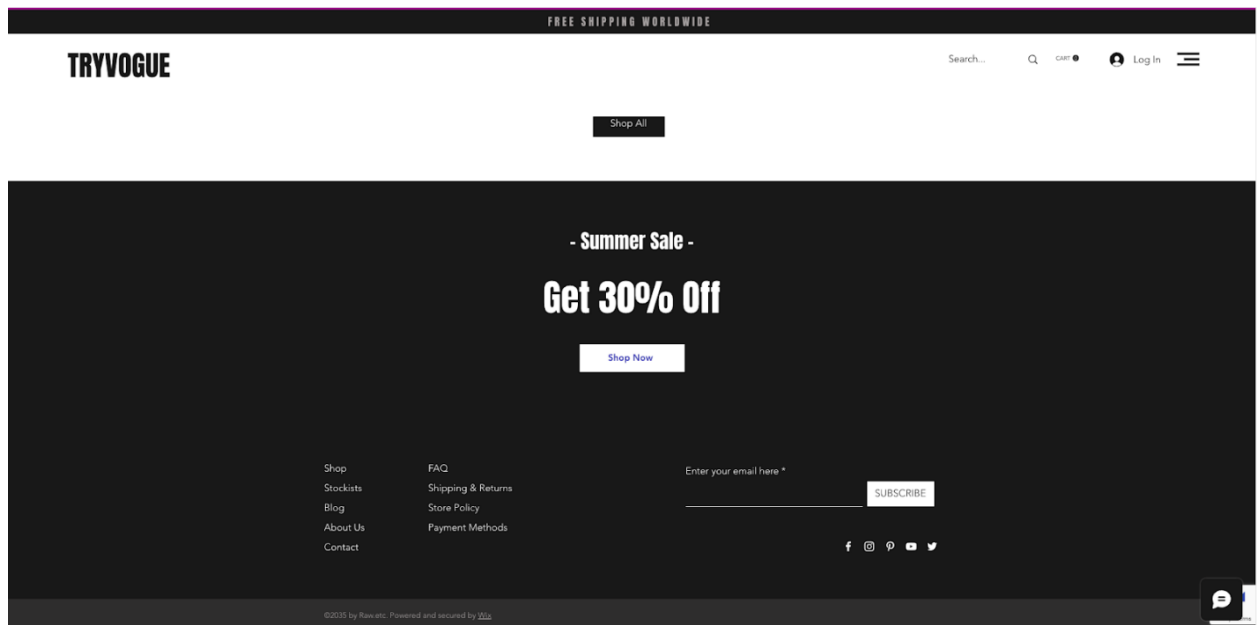
The Product page presents a detailed view of a particular product, including its name, product ID, cost, and size selection options. Users can increase or decrease the quantity of the product and add it to their cart or purchase it directly. The page includes product information, a brief product description, and the return and refund policy for the product.

10.5 Cart and Order Summary Page



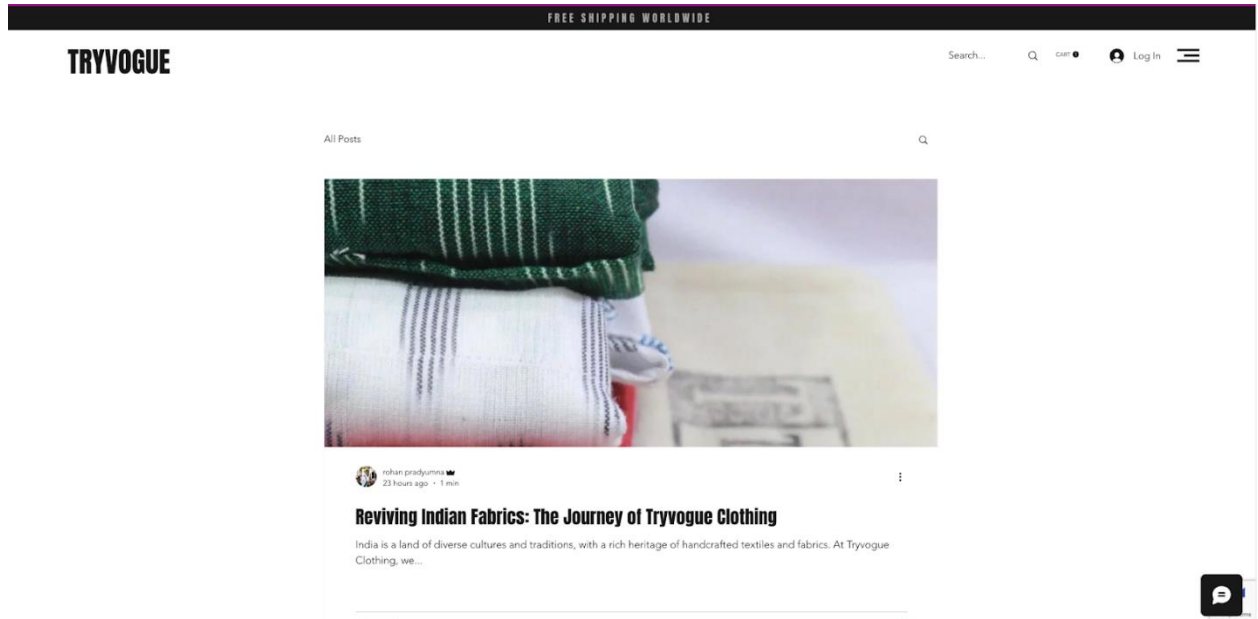
The My Cart page displays a comprehensive overview of the items in the user's cart. Users can edit or remove orders as required and apply a promo code (e.g., BPA50) to receive a set discount. They also have the option to add a note for delivery personnel. The left-hand section of the screen presents an order summary that includes the subtotal, shipping fee, shipping address, applied promo code (if applicable), and order total, along with a checkout button for completing the purchase.

10.6 Website Footer



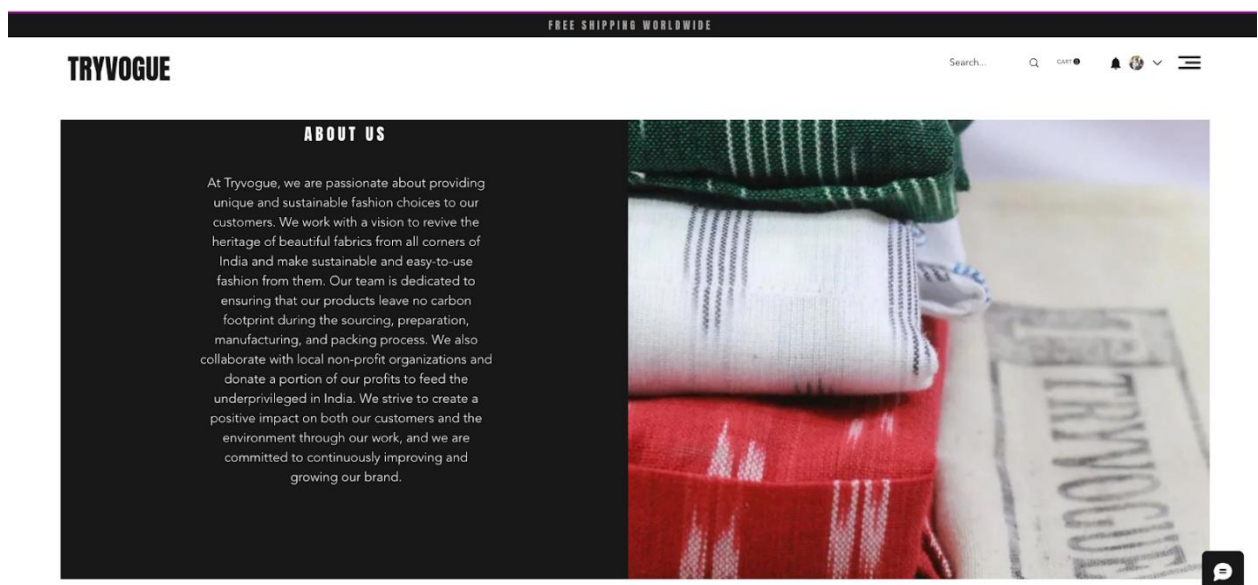
The website footer is a crucial component of the website, providing easy access to critical elements such as the Shop, Blog, About Us, FAQ, and more. In addition, users can enter their email addresses to subscribe to updates from the website. The footer also includes links to Tryvogue's social media accounts on popular platforms such as Facebook, Instagram, Pinterest, YouTube, and Twitter, allowing users to connect with the brand on multiple channels easily.

10.7 Blog



A blog is a section of a website that contains articles, news, and other written content related to the website's topic or niche. In the case of Tryvogue, the blog may include posts about sustainable fashion, the history and cultural significance of different types of fabrics, tips for styling outfits, interviews with designers and artisans, and updates on new collections and products. Visitors to the website can browse through the blog and read articles that interest them or search for specific topics using keywords or categories. The blog is a valuable resource for customers who want to learn more about Tryvogue and stay up to date on the latest developments in the fashion industry.

10.8 About Us



The "About Us" page on Tryvogue's website provides a brief overview of the company, its mission, and values. It highlights the company's commitment to sustainable and eco-friendly fashion, its dedication to providing unique and high-quality products, and its partnerships with local non-profit organizations to give back to the community. The page also includes information about the team behind Tryvogue and their expertise in the fashion industry.

11.0 Testing Plans

11.1 Unit Testing

| Test Case # | Test Case Name | Test Case Description | Inputs | Expected Output |
|-------------|---|---|--|--|
| 1. | Account Creation | Checking if the user can create an account | Valid email, valid password | Account created successfully |
| 2. | Account Login | Checking if the user can log into a created account | Valid email and matching password | User login completed successfully |
| 3. | Item Search | Checking if user can successfully search for a specific item | Search query for item | User must see results of their search displaying all relevant items |
| 4. | Add Item to Cart | Checking if user can successfully add an item to cart with selected size and quantity | Item chosen, quantity, and size | User must see correct item, size, and quantity reflected in the cart |
| 5. | Input Shipping Information | Checking if the user can successfully enter shipping address | Valid shipping address | User must receive confirmation of shipping address being recorded successfully |
| 6. | Complete Cart Checkout with payment information | Checking if user can successfully purchase their cart by entering payment information | Selected items for purchase (including size and quantity), as well as valid shipping address | User must see confirmation of their order reflecting correct order information |
| 7. | Order History | Checking if user can successfully access order history | Valid user account | Display order information (details and date) |
| 8. | Order Canceling | Checking if a user can successfully cancel an order | Valid account and relevant order | Display confirmation of order cancellation |

11.2 Stress Testing

| Test Case # | Test Case Name | Test Case Description | Identify |
|-------------|---|---|---|
| 1. | Account Creation | Checking if the user can create an account | <ul style="list-style-type: none">• Maximum number of accounts that can be created• Maximum number of accounts that can be opened concurrently |
| 2. | Account Login | Checking if the user can log into a created account | <ul style="list-style-type: none">• Maximum amount of concurrent user login ins the system can handle |
| 3. | Item Search | Checking if user can successfully search for a specific item | <ul style="list-style-type: none">• Maximum number of concurrent search queries that can be handled by the system |
| 4. | Add Item to Cart | Checking if user can successfully add an item to cart with selected size and quantity | <ul style="list-style-type: none">• Maximum number of items that can be added to the cart• Maximum number of items that can be added by simultaneous users |
| 5. | Complete Cart Checkout with payment information | Checking if user can successfully purchase their cart by entering payment information | <ul style="list-style-type: none">• Maximum number of carts a user can check out• Maximum number of carts that can be simultaneously checked out |
| 6. | Order Canceling | Checking if a user can successfully cancel an order | <ul style="list-style-type: none">• Maximum amount of orders that can be canceled simultaneously |

11.3 Integration Testing

| Test Case # | Test Case Name | Test Case Description | Inputs | Expected Outputs |
|-------------|-------------------------------------|--|--|--|
| 1. | Payment Confirmation | Checking if payment confirmation is sent from the payment site to the relevant parties. | Click checkout button | Payment confirmation for both the customer and for the admin team. |
| 2. | Social Media Integration | Verify that external links posted to the website direct customers to appropriate social media platforms. | Click on a social media post | Redirect user to requested site |
| 3. | Google and Facebook integration | Verify that a user is able to link up their account with Google and Facebook | Click on the sign up with google and facebook button | Accounts getting linked with google or facebook |
| 4. | Integration with a shipping service | Verify if the shipping integration with the shipping service is working | Address entered and order placed. | Shipment tracking provided and order delivered. |

11.4 System Testing

| Test Case # | Test Case Name | Test Case Description | Prerequisite Function | Expected Output |
|-------------|------------------------------|---|---|--|
| 1. | Account Registration Process | New users are able to successfully create an account | Access website via internet or social media | Successful account creation directs user to the home page, error measure displayed upon failure |
| 2. | Account Login Process | Existing users are able to login with their credentials | Account registration process | Users are directed to the homepage if successful, failure prompts to re enter credentials |
| 3. | Item Search Process | Users are able to successfully filter and search through product offerings | Account Login Process | Relevant items displayed after successful search query, error message displayed if query is successful |
| 4. | Cart Building Process | Users are able to successfully add items to cart, specifying size and quantity | Item Search Process | Selected items are successfully added to and displayed within the users cart, if the item is unavailable then the users are notified accordingly |
| 5. | Checkout Process | Users are able to input shipping and payment information, and purchase their cart | Cart Building Process | Can view purchase amount total and pay through payment portal, if payment is unsuccessful then an error message is put forward to the user |
| 6. | Order Canceling Process | User should be able to successfully cancel an order | Checkout Process | Can view cancellation of order if successful, if the cancellation is failed then the appropriate message is shown |

11.5 Acceptance Testing

| Test Case # | Test Case Name | Test Case Description | Required User Sign Off |
|-------------|------------------------------|---|---|
| 1. | Account Registration Process | New users are able to successfully create an account. Accounts can be created by administrators on behalf of others | <ul style="list-style-type: none">• Customers• Admin |
| 2. | Account Login Process | Existing users are able to login with their valid credentials | <ul style="list-style-type: none">• Customers |
| 3. | Item Search Process | Users are able to successfully filter and search through product offerings | <ul style="list-style-type: none">• Customers |
| 4. | Cart Building Process | Users are able to successfully add items to cart, specifying size | <ul style="list-style-type: none">• Customers |
| 5. | Checkout Process | Users are able to input shipping and payment information, and purchase their cart | <ul style="list-style-type: none">• Customers |
| 6. | Order Canceling Process | Users and administrators are able to successfully cancel orders | <ul style="list-style-type: none">• Customers• Admin |

Change Management Guidelines

- **Involve key stakeholders in the change process:**
 1. Identify and engage employees, customers, and vendors who will be impacted by the change.
 2. Solicit feedback from stakeholders to identify potential issues and concerns.
 3. Address concerns and gain buy-in for the changes to increase the chances of success.
- **Communicate the change:**
 1. Clearly articulate the purpose and goals of the change to all stakeholders.
 2. Explain the expected impact of the change on stakeholders.
 3. Outline the plan for implementing the change and any potential disruptions that may occur.
 4. Provide opportunities for stakeholders to ask questions and provide feedback.
- **Provide training and support:**
 1. Assess the training needs of employees and stakeholders impacted by the change.
 2. Develop and provide training programs to help employees adapt to the changes.
 3. Offer support and resources to help stakeholders navigate any challenges that arise during the change process.
- **Monitor and evaluate the change:**
 1. Develop a plan to monitor the implementation of the change.
 2. Collect data on the effectiveness of the change and use it to make adjustments as needed.
 3. Identify any issues that arise during the change process and address them in a timely manner.
- **Celebrate successes and learn from failures:**
 1. Recognize and celebrate successes achieved through the change process.
 2. Use feedback from stakeholders and data collected during the change process to identify areas for improvement.
 3. Encourage continuous improvement and learning to improve future change efforts.

Conclusion

Overall, the project aims to create a comprehensive website for Tryvogue Clothing that will enable the company to expand its customer base and establish a global presence. By following a rigorous development process and adhering to best practices in project management and change management, the website will provide a seamless and enjoyable experience for customers while also improving the efficiency and productivity of the company's daily operations.

- **System Planning Phase Report:** This outlines the client and industry background, the opportunity that the website aims to capitalize on, and the project objective. It also defines the scope of work for the project and evaluates its feasibility in terms of technical, economic, and organizational factors. Finally, it introduces the project methodology that will be used to guide the development process.
- **Project Plan:** This section includes a detailed plan for the project, outlining the specific tasks that need to be completed, the timeline for completion, and the resources required to complete each task.
- **Requirements:** Outlines the various requirements for the website, including business requirements, user requirements, and functional and non-functional requirements. The section also specifies the process and informational requirements necessary to ensure that the website is easy to use and effective for Tryvogue Clothing's customers.
- **System Analysis Phase Report:** This section of the project focuses on fact-finding to determine the specific features and functionality required for the website. It outlines the various functions that customers will be able to perform on the website, including browsing and searching products, creating accounts, placing orders, and making payments. It also details the virtual assistant that will be available to help customers with their queries and concerns.
- **Data Model Diagrams:** This section of the project includes diagrams that illustrate the various components and data structures that will be included in the website. These diagrams help to provide a clear visual representation of the system and how it will function.
- **System Design Phase Report:** This section of the project outlines the design architecture of the website, including a physical ERD and user interface. It also includes detailed descriptions and screenshots of each of the different pages that will be included on the website, from the home screen to the blog and about us pages.
- **Testing Plans:** This section of the project outlines the different types of testing that will be conducted to ensure that the website is functioning as expected. This includes unit testing, stress testing, integration testing, system testing, and acceptance testing.
- **Change Management Guidelines:** This section provides guidelines for managing change in the development and implementation of the website. It outlines the key steps necessary to ensure that the changes are communicated effectively and that stakeholders are involved in the process.