

19 March 2025

Linda's Holiday Store - Website Design Project Plan

Group Members:

1. Amir Tondrow
2. Sithila Jithnuka Batagoda
3. Darsh Parmar
4. Mohit Cheema
5. Chetan Arora

Project Overview:

The objective of this project is to design a customer-facing website for Linda's Holiday Store. The project is divided into a Group Component (scheduling feature) and an Individual Component (class diagram and sequence diagram design).

Group Component - Scheduling Feature

All group members will collaborate to design a scheduling system that allows customers to book holiday-related services or appointments (e.g., gift-wrapping, personalized consultations, holiday event bookings).

Responsibilities:

- [Darsh Parmar]: Research and draft an overview of scheduling feature requirements.
 - [Mohit Cheema]: Design wireframes/mockups for the scheduling system.
 - [Chetan Arora]: Develop workflow diagrams for the scheduling process.
 - [Amir Tondrow]: Identify potential integrations (Google Calendar, email confirmations, etc.).
 - [Sithila Jithnuka Batagoda]: Prepare documentation and presentation for the group meeting.
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Individual Component - Class and Sequence Diagrams

Each group member is responsible for designing a specific part of the class and sequence diagrams for the website:

Class Diagram Assignments:

- [Darsh Parmar]: Loyalty and rewards system (LoyaltyProgram class, tracking points, membership tiers, and reward redemption).

- [Mohit Cheema]: Subscription-based purchasing system (SubscriptionManagement class, handling plan creation, auto-renewal, and payments).
- [Chetan Arora]: Delivery and tracking system (ShippingTracker class, managing order tracking, delivery status, and shipping options).
- [Amir Tondrow]: Customer interaction system (ReviewManagement class, overseeing customer reviews, ratings, and support tickets).
- [Sithila Jithnuka Batagoda]: Promotional system (PromotionHandler class, managing discounts, campaigns, and coupon codes).

Sequence Diagram Assignments:

- [Darsh Parmar]: Managing customer loyalty program (LoyaltyManagement).
- [Mohit Cheema]: Processing subscription renewals and modifications (SubscriptionProcessing).
- [Chetan Arora]: Tracking and updating order deliveries (OrderTracking).
- [Amir Tondrow]: Handling customer feedback and support tickets (CustomerSupport).
- [Sithila Jithnuka Batagoda]: Applying promotional discounts and coupon codes (PromotionApplication).

Each member will document their class and sequence diagrams, including a short explanation of their design choices and how their section integrates with the overall website architecture.

Scheduled Meetings & Deadlines

Date	Meeting Objective	Participants
Week 1	Initial Planning Meeting	All Members
Week 2	Scheduling Feature Draft Review	All Members
Week 3	Finalizing Group Component	All Members
Week 3	Class & Sequence Diagram Review	All Members
Week 4	Meeting with Professor	All Members