**TailTales Website - Implementation Phase**

**Project Overview (Winter 2025)**

**Project Information**

* **Project Name:** TailTales
* **Course:** PRJ666 - Winter 2025
* **Project Duration:** 1 Semester
* **Team Number:** 02
* **Team Members:**
  + Aryan Tuwar
  + Haroon Bajwa
  + Vivian Liu

**Implementation Phase – Documentation**

**1. Introduction**

The **TailTales Website** is currently in the **Implementation Phase**, where the project team is working on integrating core functionalities. This document outlines the **current progress, upcoming tasks, and milestones** for the development and deployment of the platform.

**2. Development Roadmap**

**✅ Completed Features**

1️ **Navbar & Global Navigation**

* **Implemented a responsive navbar** using **Framer Motion** for smooth transitions.
* Includes links to **Shop, Book Appointment, Check Appointment, Our Story, Contact, Cart, and Profile**.

2️ **Hero Section**

* **Component Skeleton ready, need implementation**

3️ **Trending Products Section**

* **Component Skeleton ready, need implementation**

4️ **Appointment Booking**

* **Component Skeleton ready, need implementation**

5️ **Blog Section**

* **Component Skeleton ready, need implementation**

6️ **Signup Section**

* **Component Skeleton ready, need implementation**

7️ **Footer**

* **Component Skeleton ready, need implementation**

**3. Upcoming Implementation Goals**

**🛠️ Features in Progress**

* **Cart & Checkout System** 🛒
  + Allow users to **add products** to their cart and manage their purchases.
  + Implement **checkout process** (payment gateway integration in later phase).
* **Profile & Authentication System** 👤
  + Implement **User Login / Signup system**.
  + Add a **dashboard** to manage appointments, orders, and preferences.
* **Backend API Development** ⚙️
  + Set up **Node.js & Express backend** for handling user authentication and data.
  + Implement **MongoDB** to store **appointments, products, and user data**.
* **Appointment Booking Functionality** 📅
  + Enable users to **select available time slots** and confirm appointments.
  + Send **email confirmations & reminders** (using a mail service like SendGrid).

**4. Technical Documentation Updates**

**Required Documents for Implementation Phase**

✅ **System Architecture Document**

* Define **frontend-backend interaction**.
* API Endpoints, Database Schema, and Data Flow.

✅ **Database Design & ERD**

* **Entity-Relationship Diagram (ERD)** to showcase database tables and relationships.

✅ **API Documentation**

* **List of API endpoints**, request methods, and responses.

✅ **Frontend-Backend Integration Guide**

* Steps for integrating **React frontend** with **Node.js backend**.

✅ **Testing Plan & QA Documentation**

* Unit testing & API testing plans.

✅ **Deployment Strategy**

* Steps for **deploying the app** on a server or cloud platform.

5. Project Structure

A screenshot of a computer

AI-generated content may be incorrect.