**Project Status Report**

[1. Project Information 1](#_Toc1500772335)

[2. Key Milestones 2](#_Toc531989109)

[3. High Priority Issues 4](#_Toc756621738)

[4. Conclusion 5](#_Toc1147611400)

## **1. Project Information**

**Project Name:** TailTales

**Project Manager:** Aryan Tuwar

**Project Members:** Haroon Ahmed Bajwa, Vivian Zhonghui Liu, Mrinaal Nagpal

**Report Date:** 11/02/2025

**Project Start Date:** 23/01/2025

**Planned End Date:** 16/04/2025

### **1.1 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.

### **1.2 Performance During the Last Period**

Our team did a lot in the last while to build the project's base. We successfully made a **responsive navbar** with Framer Motion. It gives people a smooth way around the website, with links to essential parts. We also finished all the technical documents we needed for this project stage. These include how the system works, how the database is set up, details about the API, how to connect the front and back ends, a plan for testing, and how we'll put the project online.

However, many of the important parts of the website, like the **Hero Section**, **the Trending Products Section**, **Appointment Booking**, **the Blog Section**, **the Signup Section**, and **the Footer**, have only started. They're just basic frameworks. So, we still have a lot of work to do to make these parts work fully.

## **2. Key Milestones**

The **TailTales project** has a bunch of essential steps. Our team already finished one big step: they made a responsive navbar using Framer Motion. Now, people can quickly move around the website to places like the Shop or to Book an Appointment. But there's still a lot of work to do. Other parts of the website, like the Hero Section, the area for Trending Products, the Appointment Booking feature, the Blog Section, the Signup part, and the Footer, aren't done yet. Right now, they're just basic frameworks.

There are more big steps coming up. We must build the Cart and checkout System so people can manage their purchases. We must also create a profile and authentication system to let people sign in. Building the Backend API with Node.js, Express, and MongoDB is another essential job. They must improve appointment booking by letting people confirm appointments and getting email reminders.

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone** | **Planned Date** | **Actual Date** | **Status** |
| Navbar & Global Navigation implementation | 15/01/2025 | 23/01/2025 | Achieved |
| Hero Section implementation | 23/01/2025 | Not completed | In Progress |
| Trending Products Section implementation | 23/01/2025 | Not completed | In Progress |
| Appointment Booking implementation | 23/01/2025 | Not completed | In Progress |
| Blog Section implementation | 23/01/2025 | Not completed | In Progress |
| Signup Section implementation | 23/01/2025 | Not completed | In Progress |
| Footer implementation | 23/01/2025 | Not completed | In Progress |
| Cart & Checkout System implementation | 23/01/2025 | Not completed | In Progress |
| Profile & Authentication System implementation | 23/01/2025 | Not completed | In Progress |
| Backend API Development | 23/01/2025 | Not completed | In Progress |
| Appointment Booking Functionality implementation | 23/01/2025 | Not completed | In Progress |
| Completion of all required technical documentation | 23/01/2025 | 23/01/2025 | Achieved |

## **3. High Priority Issue Log**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Issue** | **Date Reported** | **Impact** | **Status** | **Resolution Plan** |
| Component Implementation Delays | 11/02/2025 | Risk of overall project delay | Open | Allocate sufficient resources and set clear timelines for completing components.  Regularly review progress and adjust resource allocation as needed. |
| Integration Challenges | 11/02/2025 | Difficulty in integrating frontend and backend components, especially for Cart & Checkout System, Profile & Authentication System, and Appointment Booking Functionality | Open | Foster close communication between frontend and backend developers.  Conduct regular cross-team meetings to discuss integration points and address issues promptly. |
| Testing and Quality Assurance | 11/02/2025 | Potential for undetected bugs in new features | Open | Follow the defined testing plan. Conduct thorough unit and API testing during development.  Set up a staging environment for pre-production testing. |

## **4. Conclusion**

The **TailTales project** is an essential part of getting built. We did a good thing by making the responsive navbar. It shows we can do the critical design stuff. But right now, many parts of the website are just basic beginnings. So, we still have a lot of work to do.

We've planned some features like the cart and checkout, the profile and login system, and building the backend API. These are super important for the website to work well. If we can get these things done fast and well, **TailTales** could be a great website that's easy for people to use.

But we need to watch out for problems. Sometimes, different parts of the website might not work together properly. We also must make sure we test all the new features thoroughly. If we work hard and plan carefully, we can finish the project by the end of the semester.

### **4.1 Planned Work for Next Period**

* **Cart & Checkout System:** Complete the implementation to allow users to add products to the cart, manage purchases, and finalize the checkout process (excluding payment gateway integration for now).
* **Profile & Authentication System:** Finish implementing the User Login/Signup system and add a dashboard for users to manage appointments, orders, and preferences.
* **Backend API Development:** Finalize the Node.js & Express backend setup for user authentication and data handling. Integrate MongoDB to store appointment, product, and user data.
* **Appointment Booking Functionality:** Enable users to select available time slots and confirm appointments. Implement the feature to send email confirmations and reminders using a service like SendGrid.
* **Component Completion:** Finish implementing the Hero Section, Trending Products Section, Appointment Booking, Blog Section, Signup Section, and Footer components.