

# Web Application Development Project Proposal

Niccolo Gwyne C. Hilotin

Prepared for: SpaInfinity

Prepared by: NCHilotin Solutions

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## **Executive Summary**

SpaInfinity currently relies on traditional pen-and-paper methods to record bookings, track customer history, and manage staff schedules. While effective in the past, this approach is now time-consuming, prone to errors, and inefficient, especially as customer volume grows.

NCHilotin Solutions proposes the development of a modern, and user-friendly web application to replace manual processes with a fully digital booking and management platform. This system will streamline operations, eliminate miscommunication, prevent double-bookings, and ensure accurate customer records. It will also provide clients with the convenience of booking anytime, anywhere, while giving SpaInfinity full control over its business operations.

## Objectives

- Replace pen-and-paper logs with a secure digital booking and tracking system
- Reduce the time spent on manual coordination and allow staff to focus more on client care
- Display the list of services offered by the business, and show promotional offers in its services

## Scope of Work

## **1. Customer Interface**

### **Service Catalog**

- List of services offered with its description and prices

### **Booking Form**

- Selection of preferred service
- Selection of preferred schedule (Time and Day)
- Confirmation of booking details and total amount to pay before submission
- Generate confirmation receipt to be referenced in the management panel

## **2. Management Panel (accessed by admin, not shown in the customer interface)**

### **Dashboard Overview**

- Displays daily bookings and pending appointments (cancelled(if cancelled , approved (to remove it from the available timeslot), pending(

### **Booking Management**

- View/Approve/modify/ and cancel functionalities for customer bookings.

### **Service Management**

- Add/Edit/Remove functionalities for services and pricing

### **Timeline**

Week	Progress
Week 6	Setting up the development environment (Apache Tomcat configuration, Maven project setup, database initialization)
Week 7	Designing wireframes and mockups for the Customer Interface and Staff Panel
Week 8	Development of Customer Interface — Service Catalog and Booking Form
Week 9	Implementation of Booking Form
Week 10	Development of Management Panel — Dashboard and Booking Management
Week 11	Integration of Service Management, Staff Assignment, and Promotions Module
Week 12	Full System Testing, Debugging, and Client Feedback Review
Week 13	Final Deployment, Data Upload