

## **“Ayur Sutra – Panchakarma Patient Management and Therapy Scheduling Software”**

**Abstract:** The growing global recognition of Panchakarma, a traditional Ayurvedic detoxification and rejuvenation therapy, highlights the need for efficient digital management systems that uphold both therapeutic authenticity and modern operational efficiency. Despite the Ayurveda industry’s projected growth to USD 16 billion by 2026, most Panchakarma centres still rely on manual scheduling, paper-based documentation, and inconsistent patient tracking methods. This results in inefficiencies, human errors, and reduced patient satisfaction. The proposed system, “Ayur Sutra – Panchakarma Patient Management and Therapy Scheduling Software,” is designed to bridge this gap by offering an integrated digital solution for Panchakarma centres. The software automates therapy scheduling, ensuring optimal utilization of resources and preventing overlapping sessions. It features a pre- and post-procedure notification system that alerts patients about necessary precautions, thereby improving adherence to therapeutic guidelines. Innovative components such as real-time therapy tracking, visual progress dashboards, and an integrated feedback loop allow both patients and practitioners to monitor recovery, visualize improvements, and make data-driven adjustments to treatment plans. By combining Ayurveda’s traditional healing wisdom with modern healthcare IT solutions, Ayur Sutra aims to enhance therapy efficiency, ensure consistent quality across centres, and promote patient-centric care. Ultimately, this project demonstrates how technology can revitalize traditional healthcare systems by transforming Panchakarma management into a smart, automated, and patient-focused digital experience.

**Keywords:** *Panchakarma, Ayurveda Digitization, Therapy Scheduling, Patient Management, Healthcare Automation, Real-Time Tracking, Smart Notifications, Feedback System.*

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