

Agile Methodology in HamroDental with Kanban

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Agile Methology in HamroDental with

Welcome to our presentation on developing a seamless dental appointment system using Agile and Kanban. Our goal is to create an effortless booking and scheduling experience for both patients and staff.





Project Vision and Agile Approach

Our objective is to build a robust platform for dental appointment booking and scheduling. We're embracing an Agile methodology with a Kanban twist, prioritising speed, flexibility, and focused development to deliver value iteratively.

Meet the Development Team



Spandan: Frontend Developer

Crafting responsive, intuitive interfaces for both patients and dental staff, ensuring a smooth user experience.



Rajiv & Sangam: Backend Developers

Building robust APIs, managing secure databases, and ensuring all business logic flows seamlessly behind the scenes.

Our skilled team is dedicated to bringing this vision to life, leveraging their expertise in design and development.



Kanban Workflow: Visualising Progress

1

To Do

Features and tasks ready for development.

2

In Progress

Tasks currently being worked on, limiting work-in-progress.

3

Testing

Features undergoing rigorous quality assurance and bug fixing.

4

Done

Completed and deployed features, ready for user adoption.

Our Kanban board ensures clear visibility of tasks, minimises bottlenecks, and promotes rapid iteration.

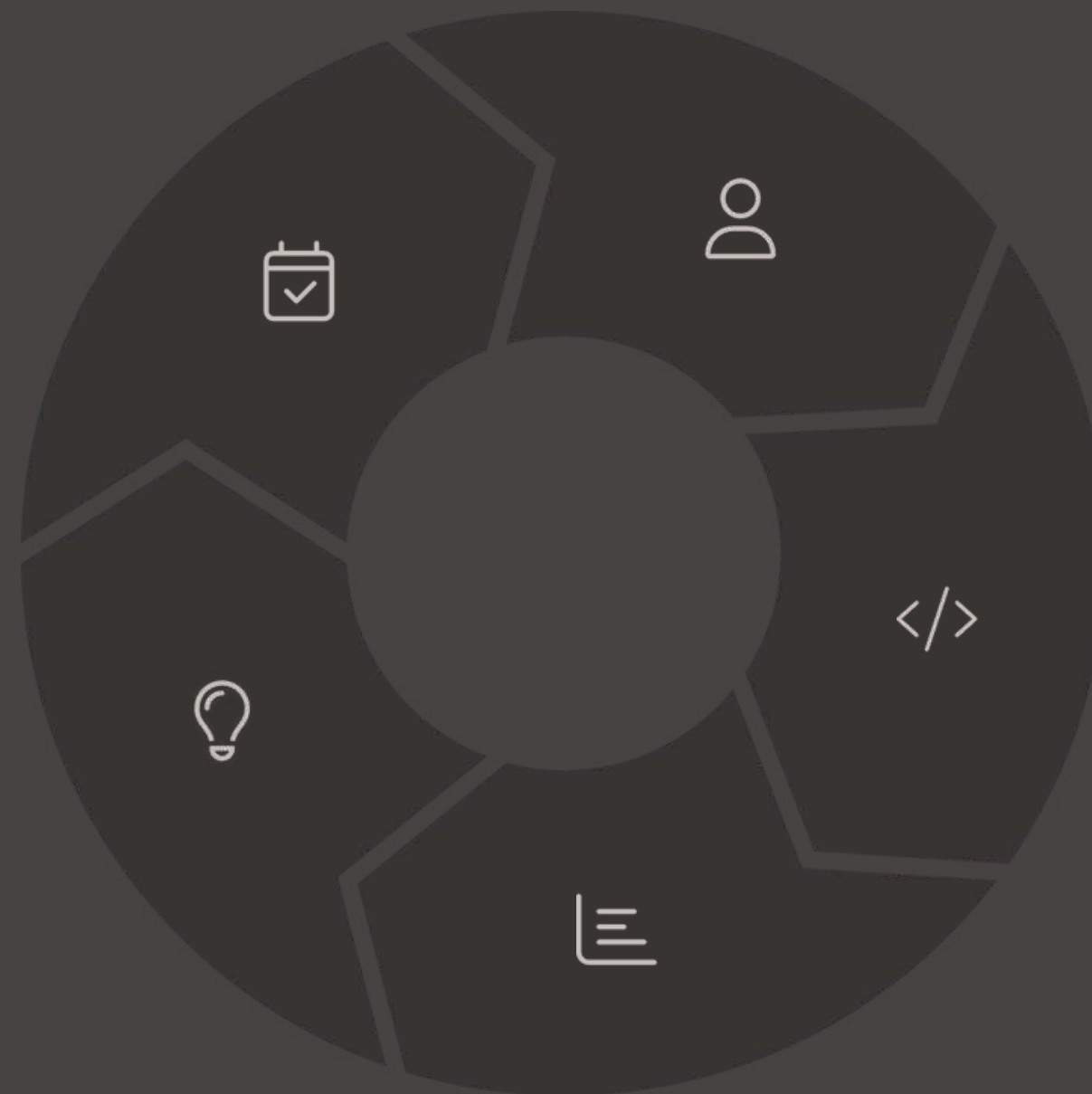
Agile Development Phases

Sprint Planning

Defining the backlog and user stories for the upcoming sprint.

Retrospective

Reflecting on the sprint to identify improvements and adapt.



Daily Stand-ups

Brief team meetings to collaborate and identify any blockers.

Development & Testing

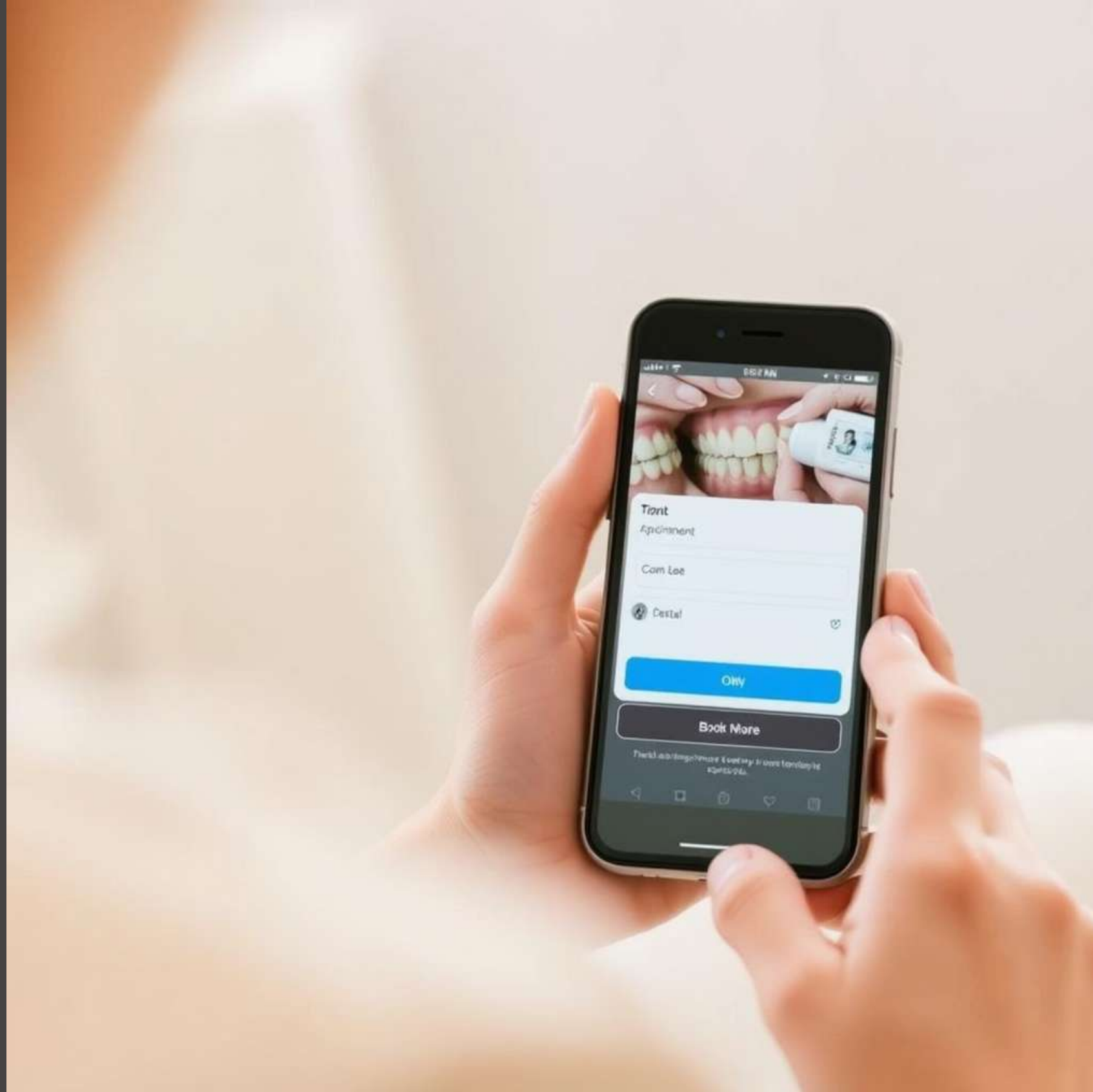
Coding features, running unit tests, and ensuring quality.

Sprint Review

Demonstrating new features and gathering valuable feedback.

This iterative approach allows us to continuously improve and deliver high-quality software.

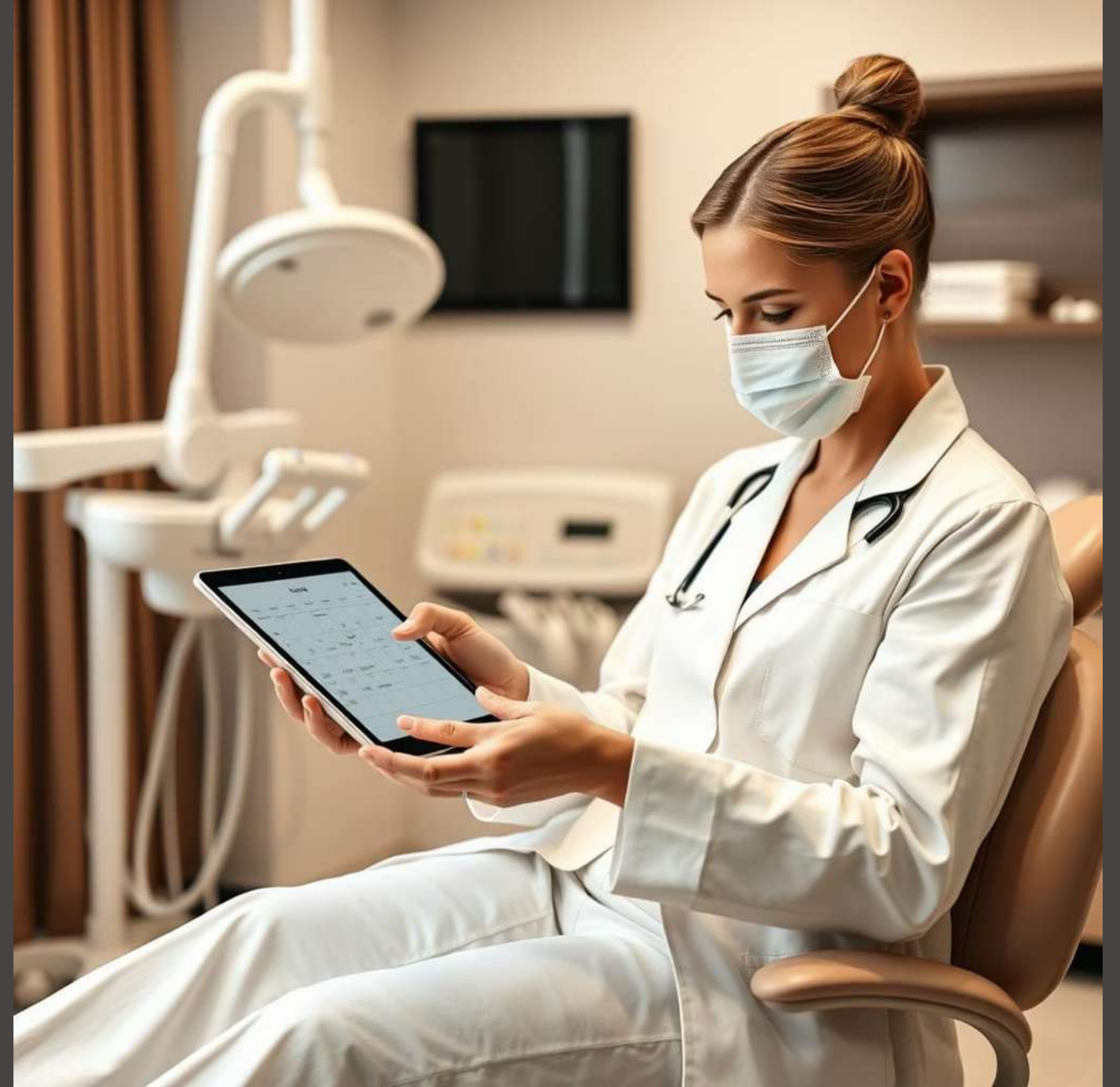
Key Features: Patient View

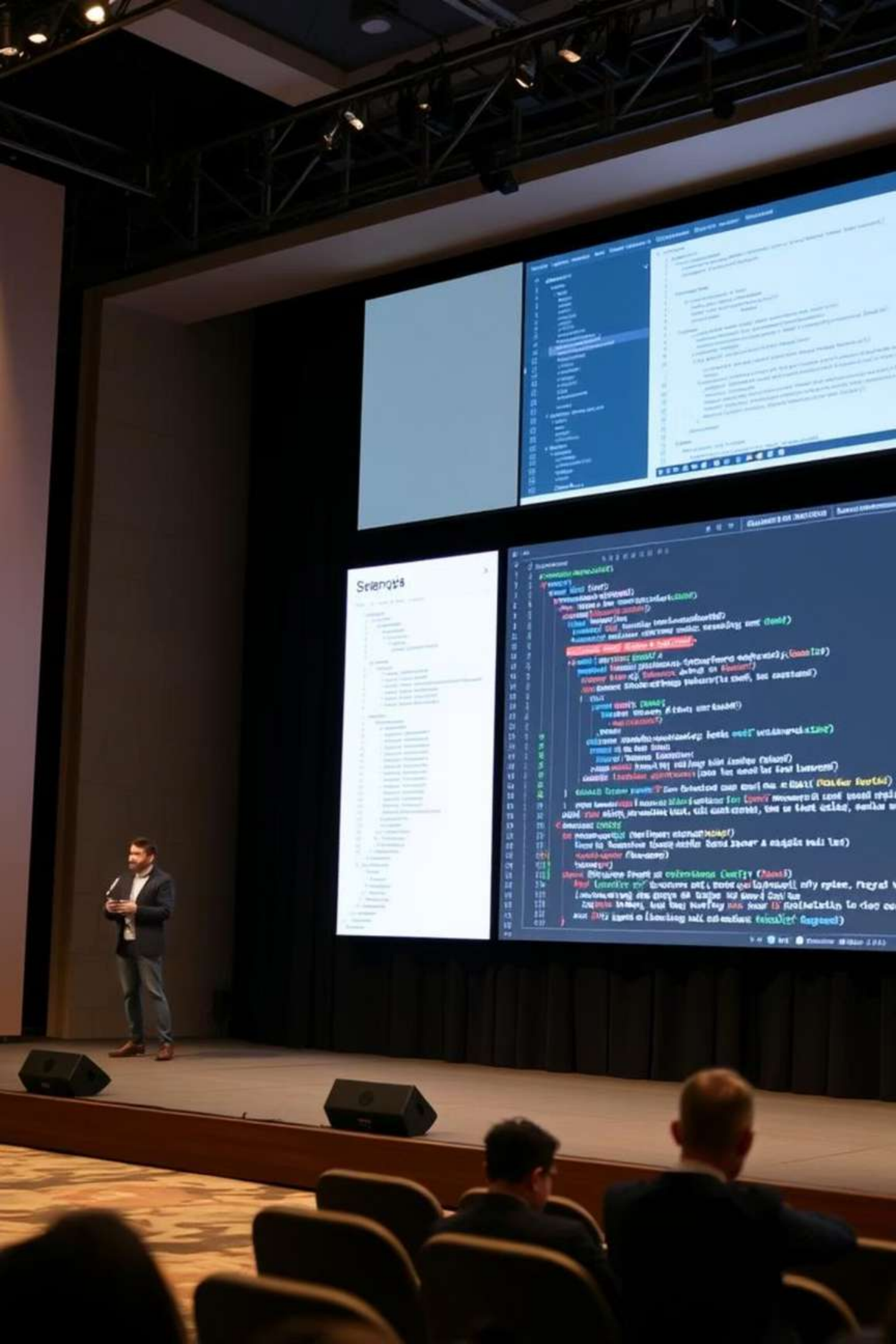


- Effortless login and registration
- Real-time dentist availability
- Book, modify, or cancel appointments
- SMS/email reminders for upcoming visits
- Comprehensive appointment and treatment history

Key Features: Dentist & Admin View

- Manage daily appointment queues efficiently
- View and edit comprehensive patient records
- Add follow-up notes and treatment plans
- Intuitive calendar-based scheduling
- Secure role-based system access





Future: Live Demo Walkthrough

During a future demonstration, we will showcase the system's functionality:

Spandan: Login Flow & UI

A walkthrough of the intuitive login process and calendar-based user interface.

Rajiv & Sangam: Backend in Action

Demonstrating the appointment API, secure data handling, and real-time availability synchronisation.



Roadmap: Next Steps to Success

Finalise MVP

Bringing the Minimum Viable Product to a polished, ready-to-test state.

User Testing

Conducting real-world testing with a local dental clinic to gather vital feedback.

Iterate & Refine

Implementing feedback and continuously improving the system based on user insights.

Cloud Deployment

Deploying the system on a secure cloud platform for widespread accessibility.

Our clear roadmap ensures a systematic approach to launch and ongoing enhancement.



Conclusion and Future Prospects

We are excited about the potential of this Agile-driven dental appointment system to revolutionise how clinics manage their schedules and patients book appointments. Our focus on user experience, robust backend, and iterative development ensures a high-quality, scalable solution.

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fix

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History

Name	Last commit message	Last commit date
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homepage.css	fix	yesterday
homepage.html	fix	yesterday
login.css	fix	yesterday
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Create a whiteboard to plan your workTRY...

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KAN-5Identify required tools and methodologiesTODO=

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**THANK
YOU**