

MedWise: Revolutionizing Healthcare Management

Simplifying medical record-keeping and enhancing communication between healthcare stakeholders.





Introducing MedWise

Digital Medical History

Centralized patient records for seamless access.

Prescription Management

Streamlined medication tracking and refill reminders.

Patient and Doctor Portals

Improved communication and collaboration.

Developing MedWise

1

Requirements Analysis

Identifying user needs and system objectives.

2

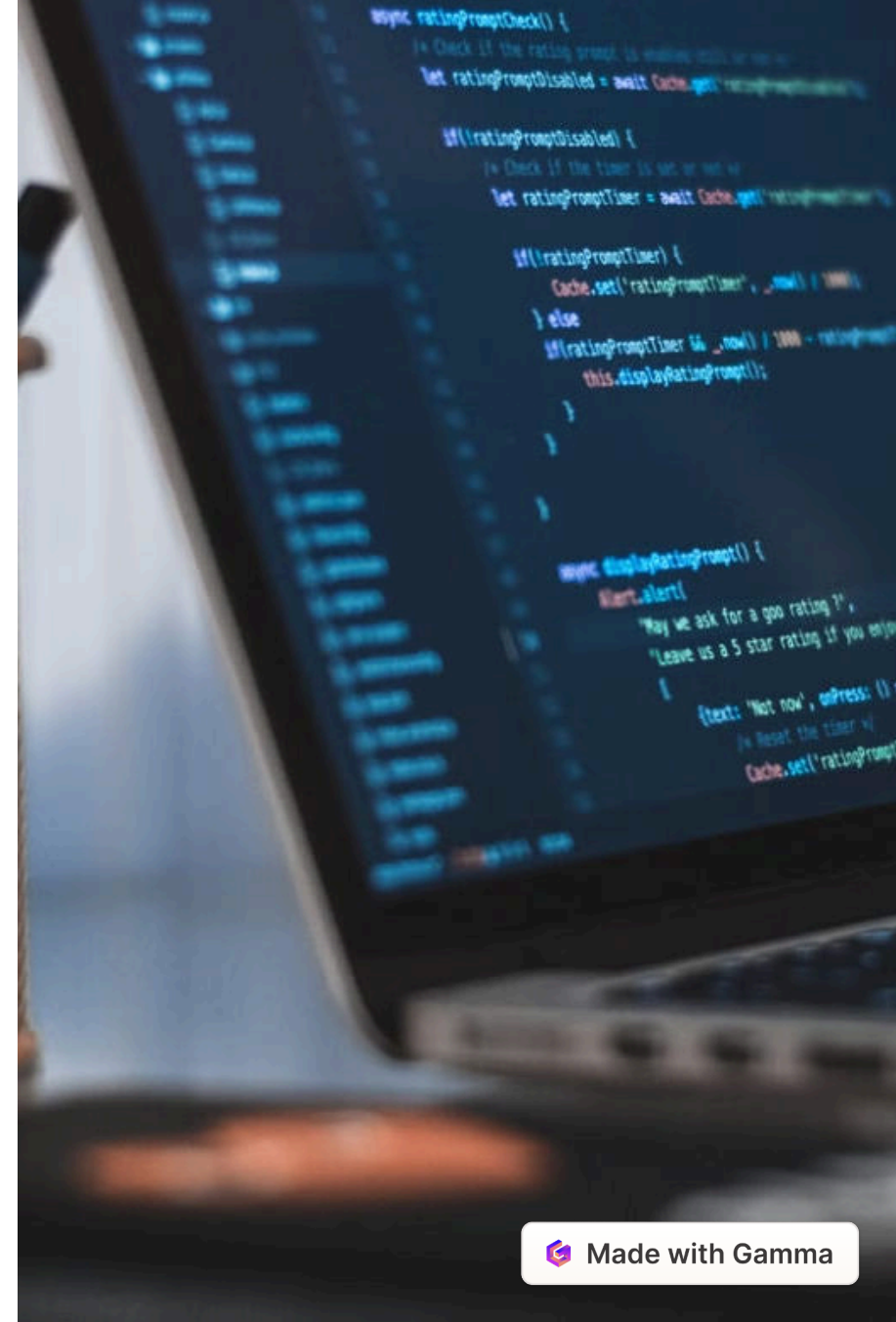
System Design

Defining the MERN-based architecture.

3

Implementation

Coding the frontend, backend, and database.



MedWise's Technology Stack

1 Languages

JavaScript, HTML, CSS :

JavaScript: Manages client-side interactivity and functionality.

2 Backend

Node.js, Express.js, MongoDB :

Node.js: Server-side JavaScript runtime environment.

MongoDB: NoSQL database system for storing and managing data in JSON-like documents.

3 Frontend

React framework:

JavaScript library for building user interfaces, used in MedWise for creating interactive and dynamic frontend components.

4 Tools

VS Code, Postman:

VS Code: A lightweight, fast, and versatile source code editor developed by Microsoft.

Postman: A collaboration platform for API development used for testing APIs, creating and managing API requests, and monitoring API performance.

Designing for User Experience

User-Friendly Interface

Intuitive navigation and interactions.

Scalable Architecture

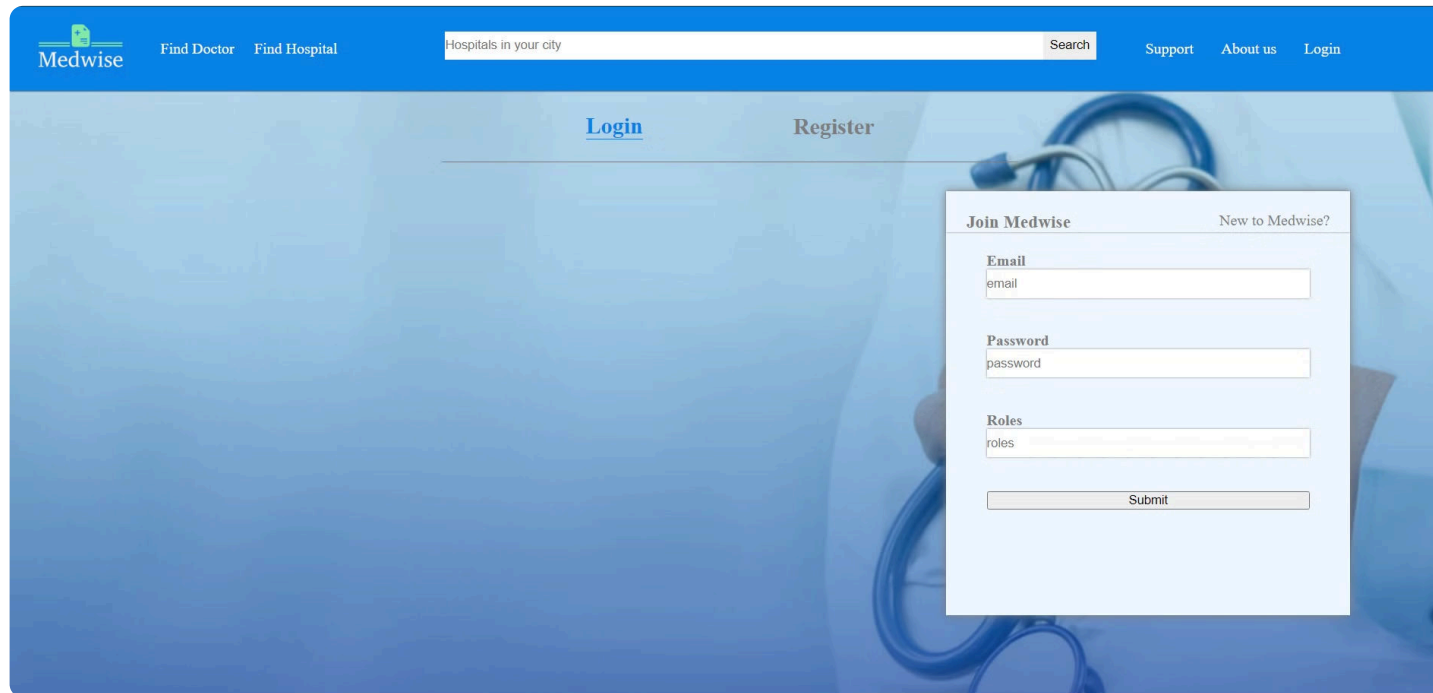
Efficient MERN-based system design.

Secure Data Management

Effective handling and storage of medical data.



A Snapshot of our Website



The screenshot displays the Medwise website interface. The top navigation bar is blue and contains the Medwise logo, links for 'Find Doctor' and 'Find Hospital', a search bar with the placeholder text 'Hospitals in your city' and a 'Search' button, and links for 'Support', 'About us', and 'Login'. Below the navigation bar, the main content area has a light blue background with a faint image of a doctor. It features two links: 'Login' and 'Register'. A registration form is overlaid on the right side of the page. The form has a title 'Join Medwise' and a link 'New to Medwise?'. It contains three input fields: 'Email' (with placeholder text 'email'), 'Password' (with placeholder text 'password'), and 'Roles' (with placeholder text 'roles'). A 'Submit' button is located at the bottom of the form.

Medwise Find Doctor Find Hospital Hospitals in your city Search Support About us Login

[Login](#) [Register](#)

Join Medwise [New to Medwise?](#)

Email
email

Password
password

Roles
roles

Submit



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1

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2

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