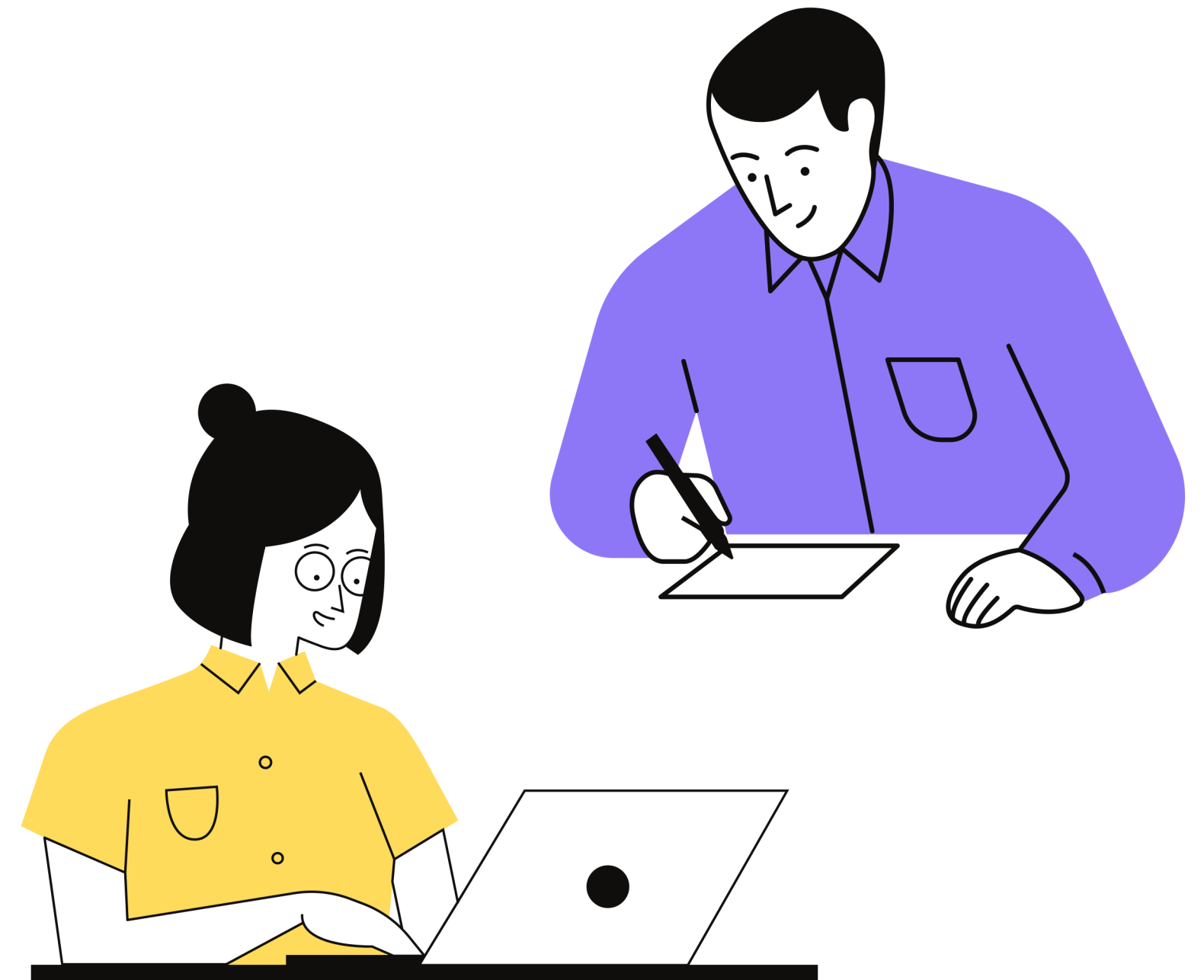# Appointment Scheduling System

Team Name: Web Gurus

Agenda

1. Overview

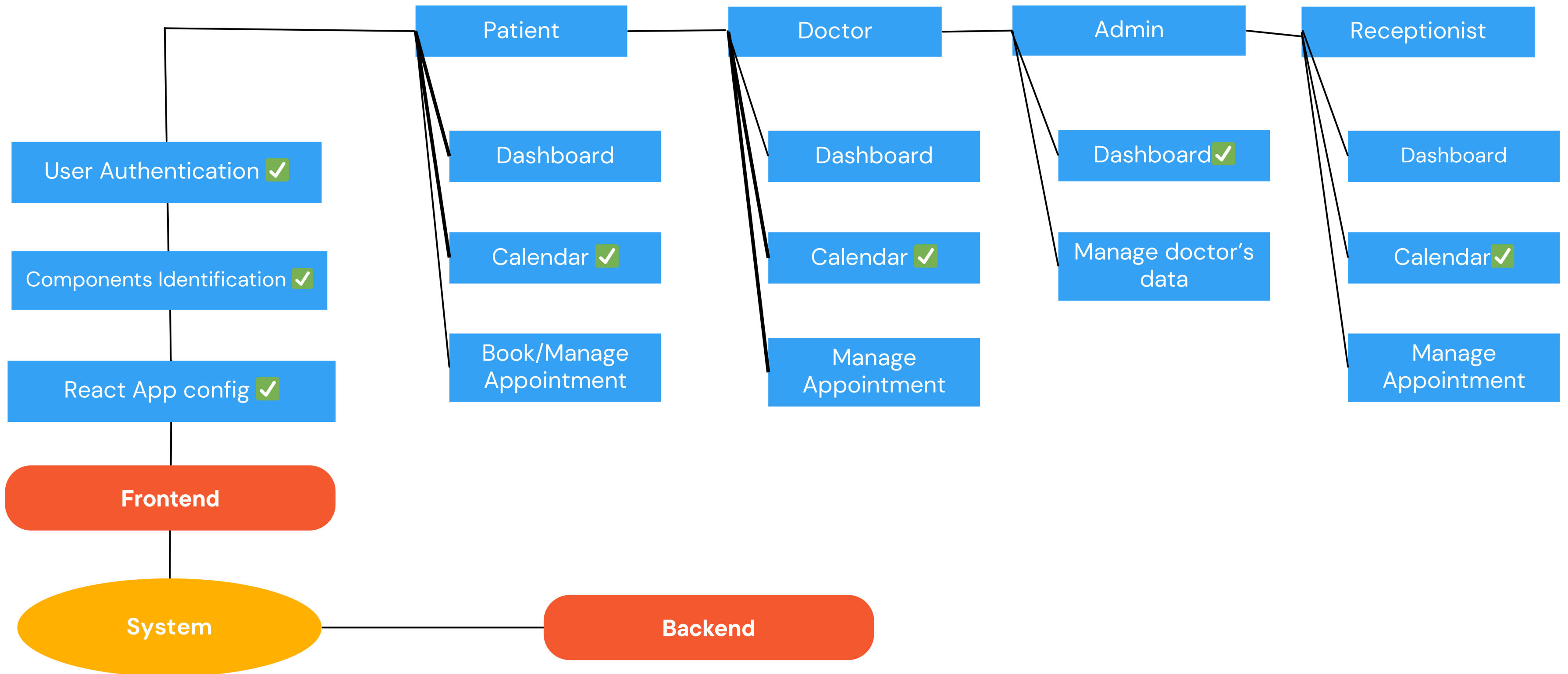2. Timeline/Roadmap

3. Current Progress

4. Next Tasks

Overview

Our system enhances the user experience by making it easy and convenient for patients to book, manage, and cancel appointments. The system addresses the critical need for efficient and streamlined clinic operations, reducing the administrative burden on staff.

The solution involves a full stack web application using MERN stack to meet the requirements and deliver the desired software.

Till now, we have accomplished creating whole Backend server including Routes, API and database configuration. Currently we are working on Frontend. The checked fields (✅) roadmap are successfully implemented.

Roadmap – Frontend

Patient
- Dashboard
- Calendar ✅
- Book/Manage Appointment

Doctor
- Dashboard
- Calendar ✅
- Manage Appointment

Admin
- Dashboard ✅
- Manage doctor's data

Receptionist
- Dashboard
- Calendar ✅
- Manage Appointment

- User Authentication ✅
- Components Identification ✅
- React App config ✅

Frontend

System

Backend

Roadmap – Backend

Backend

- Server Setup(NodeJS) ✅
  - REST API ✅
    - Authentication (JWT) ✅
      - Identifying/ Implementing Routes ✅
        - Controller Functions ✅
          - API Testing (Postman) ✅

- Database Config ✅
  - Database Schema ✅
    - Controller Functions ✅

- Error Handling ✅

Next Tasks

Next steps to deliver the desired software

Next Steps	
• **Remaining Dashboards**	The user interface of the patient, doctor and receptionist
• **Front-end for book/managing the appointments of the patient**	To book,update and cancel the appointments.
• **Front-end for managing the appointments of the doctor**	• Doctor can also cancel/reschedule the appointment. • Receptionist has the data of all the ongoing and scheduled appointments of all the doctors.
• **Merging the back-end and front-end together**	To complete the desired product
• **Testing and debugging**	Test the application and debug in case of any bug