



My app

Functional Requirements

1. **User Roles and Authentication:** Users can create accounts via email, social media, or Google, Secure login using email and password or OAuth.
2. **Role-Based Access Control:** admin can view, manage appointments, add/edit services, and manage user accounts. User can book appointments, view booking history, and view the digital portfolio.
3. **Appointment Booking:** A calendar interface for users to view available slots.
4. **Booking Management:** Select services, time slots, and confirm bookings, appointment availability is updated in real-time.
5. **Booking Validations:** Users cannot book appointments in the past, Prevent overlapping bookings by checking availability in real-time, Limit the number of appointments per month if needed.
6. **Appointment Reminders:** Users can reschedule appointments, with notification emails for changes.

7. **Digital Portfolio:** Section where clients can view past branding projects, with categories like logos, posters, and social media designs.
8. **Email Notifications:** Confirmation email to clients upon booking, email notification to the admin with appointment details, reminder emails for upcoming appointments.
9. **Responsive Design:** Easy navigation and touch-friendly design for mobile users.
10. **Admin Dashboard:** Booking Overview(A dashboard with an overview of appointments (upcoming, completed, or canceled)), User Management (View, edit, and deactivate user accounts), Service Management (Add, edit, or remove services offered in the booking app), Analytics(Basic analytics to view total bookings, popular services, or peak booking times), **Package Creation** (Allow admin to create multiple services as a **package**, offering discounts or special deals).
11. **Digital Portfolio Management: Portfolio Uploads:** Admin can upload branding projects with categories (e.g., logos, posters, social media designs). **Portfolio Updates:** Admin can edit or remove past projects to keep the portfolio current. **Categorization and Tagging:** Admin can categorize portfolio items for easier browsing by clients.
12. **User Profile:** Users can edit their contact information, change their password, and view their booking history.
13. **Admin Settings:** Admin can set business hours, holidays, or unavailable days directly in the app.
14. Data encryption, particularly for sensitive user information, Protection against common vulnerabilities (e.g., SQL Injection, Cross-Site Scripting).
15. **Portfolio Reviews:** Allow customers to leave comments or reviews on specific portfolio projects (only appear to admins to enhance the services).
16. **Availability Status:** Allow clients to see the admin's current availability status (e.g., "Currently Available," "Busy," or "Out of Office") in real-time.
17. **File Sharing Feature:** Let clients upload relevant files (e.g., reference designs, brand guidelines) directly within the booking form, streamlining pre-appointment communication.

18. **Detailed Booking Confirmation Summary:** Include appointment details, service descriptions, admin contact info, and cancellation policy links in the booking confirmation email.