

Project Specification

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1 Introduction

1.1 Project description

My project is going to be an appointment scheduler and manager for service providers. Some examples would be hairdressers, doctors, nail technicians, yoga teachers, etc. It keeps these providers' appointments in one place. Customers can reserve appointments anytime online.

1.2 Functionalities

Reservation for customers

Customers can browse available appointments. It is possible to filter the appointments by date, time, service, and service provider.

Schedule appointments

Service providers can create appointments. The appointments will have some customizable fields like, number of customers, place, price, duration, etc.

Calendar view

Users can view their appointments in calendar form.

2 Backend

2.1 Database

Tables

- Users: stores the client and service provider users
- Appointments: stores the data of appointments given by service providers
- Bookings: stores the appointment id and the user's id who booked the appointment

- Providers: stores additional information about service provider users

Relations

- Provider has many Appointments
- Booking has one User
- Appointments has many Bookings