Appointments Booking System Project

Team
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Data
An Appointment has
- Id
- Date and Time of appointment plus Duration
- Provider
- Client
- Cost / charge
- Description
- Flag to indicate if the client attended or not (for past appointments)

A Provider has
- Id
- Name
- Area of expertise
- (A provider could be an OT, a Physio, a Dentist, a Doctor, etc.)

A Client has
- Id and Name
- Address
- Contact phone number and email address

Key Features
- Register a provider
- Register a client
- Allow a client to book an appointment / change / cancel an appointment with a provider (note that provider must be free for the specified period of the appointment)
- List all Appointments
- List all Appointments for a provider
- List all appointments for a client

Extension points
- Notify a provider of any change in their schedule
- List all Appointments for a provider this may be current, all for today, in the past or between two specified dates
- List all appointments for a client this may be current, all for today, in the past or between two specified dates
- Show stats on the number of appointments

- o Cancelled
- o Missed
- o Per provider

The system should provide a web front end, with a service-based server tier and a MySQL database backend.