Appointments Booking System Project

# Team

# 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
  + Cancelled
  + Missed
  + Per provider

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