**Hotel Reservation system**

Problem Description

A hotel needs a system to support its core business which is managing the room reservation process.

Customers should be able to make reservations after browsing available rooms, select preferred rooms and create a reservation.

A customer provides personal details when making a reservation. A customer can also cancel a reservation.

A hotel receptionist can log into the system and view all customer reservations. When a customer arrives at the hotel, the receptionist records the check-in. When the customer leaves, the receptionist records the check-out.

A receptionist is also able to manage rooms in the system. A room can be of different types: single, double, and twin rooms.