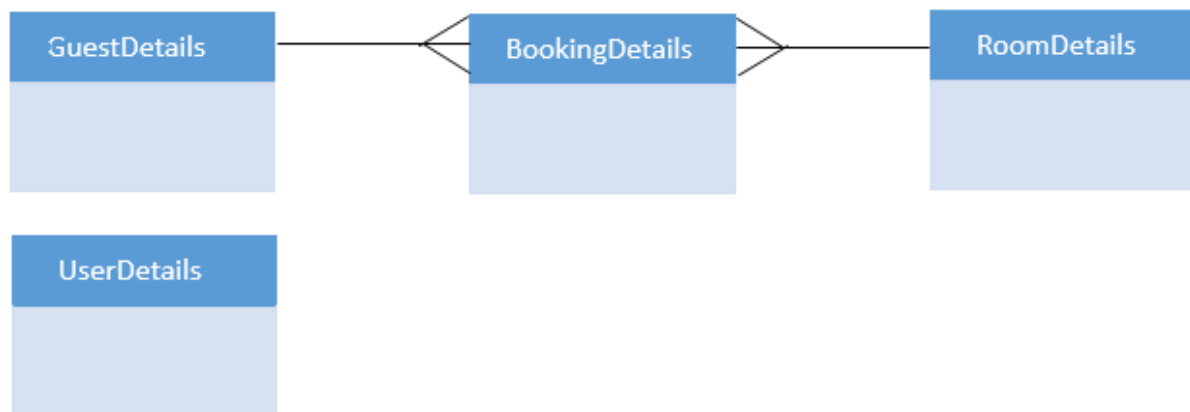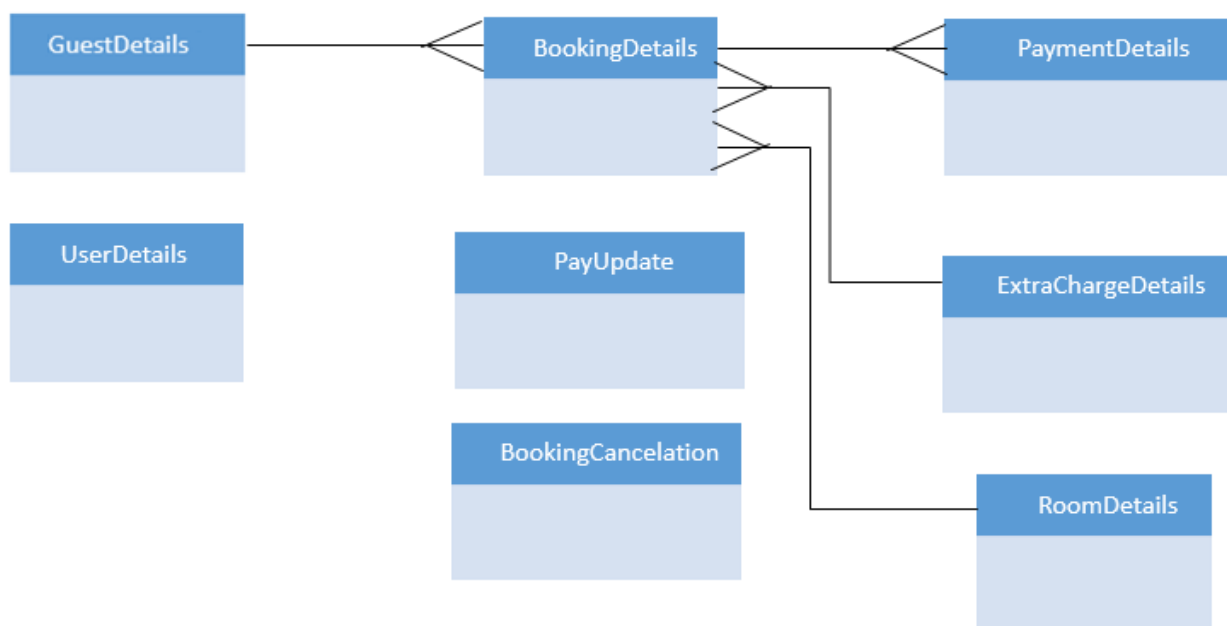Initial Entity Relationship Diagram

- The above ERD is the initial design. This design shows the entities and the relationship links between each other. The entities are Guest Details, Booking Details, Room Details and User Details. There is a one to many relationship link from Guest Details Table to Booking Details Table, this is because one guest can have many bookings. There is a one to many relationship link from Room Details Table to Booking Details Table, this is because one room can have many bookings.

Final Entity Relationship Diagram

- This design is the final entity relationship diagram. By doing the normalisation process, I have come up with this final ERD. The entities are Guest Details, Booking Details, Payment Details, ExtraCharge Details, Room Details, Booking Cancelation, PayUpdate and User Details. A guest can have many bookings, so there is a one to many relationship link from Guest Details Table to Booking Details Table. A booking can have many payments, so there is a one to many relationship link from Booking Details Table to Payment Details Table. A room can have many bookings, so there is a one to many relationship link from Room Details Table to Booking Details Table. An extra charge can have many bookings, so there is a one to many relationship link from ExtraCharge Details Table to Booking Details Table.