

Daniel Schroeder

Software Development 1

Project Proposal

For my project I would like to make a hotel reservation system. It would involve asking the user for the room requirements that they have including number of rooms, number of beds, dates to be booked, room type, and room placement. It will then take the information provided and match it to possible rooms available for booking. It will show what options are available and list the price of each option. If no rooms are available for the dates that the user inputs, or there are no rooms that match the specifications, then the program will let the user know and suggest rooms similar to what they requested. If the user finds a room they like then they will be asked to reserve the room and the program will log the reservation for future use. The hotel will have 60 rooms at the beginning with single bed rooms, double bed rooms, and penthouses. There will also be 6 floors of rooms. The hotel can be booked all year with no off season. There will be a way to pay online before arriving at the hotel or choosing to pay when you arrive. There will be a way to cancel a reservation by giving your name and phone number to cancel.