

Project: Hotel Management System (HMS)

Goal: Our goal is to create a fast and efficient management system to automate a hotel's business processes and routine tasks.

Some features that the HMS may include are:

- Handling of reservations and bookings. The HMS allows users to add or change dates, change rooms, assign multiple rooms to a guest, add or remove additional services, or cancel reservations.
- Payment management. The HMS allows guests to choose between paying with cash or a card.
- Management of hotel units. Amenities, inventory, and rate adjustment are included.
- Overview of room status. The HMS allows users to see whether a room has any upcoming check-ins, check-outs, cleanings, etc. There will also be a calendar view which will allow for users to view whether a room is vacant or occupied on any given day.
- Hotel membership. The HMS allows multiple levels of membership, each coming with their own premiums, such as discounted room price and additional services.
- Employee menu. The HMS allows employees to see their own personal information, job titles, days working, and wages.
- Manager menu. The HMS allows hotel managers to overview who is working on any given day, along with the features included in the employee menu.
- Reports. The HMS stores reports for hotel sales, daily, weekly, and monthly stats. It retrieves and prints guest invoices, as well as employee payroll.