



جامعة جدة  
University of Jeddah

# SMART HOTEL GATE



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# Outline:



## 1- Planning Phase

- Problem
- Project idea of SHG
- Objective

## 2- Analysis Phase

- Requirement

## 3- Design Phase

- Software Tools
- Navigation scheme

## 4- Implementation Phase

- Class diagram
- Sequence diagrams
- Work performed



# Planning Phase

- Problem
- Project idea of SHG
- Objective



## Problem



The complex procedures take time and might cause a delay in accommodating guests.



## Project Idea Of SHG



A website where guests can view, select and book hotels also receive room **key 24 to 12 hours** before you arrive



without wasting time in check-in and check-out procedures.



# Objective



To Achieve Maximum Customer Satisfaction



To Allow Customers to Make Easily Reservations



To Maximize Profitability.



# Analysis Phase

- Requirement

# Requirement



**By:**  
**Questionnaire  
Techniques**



**We collected the  
requirements for our  
project**





# Design Phase

- Software tools
- Navigation scheme



# Software Tools



**HTML**



**CSS**



Java Script

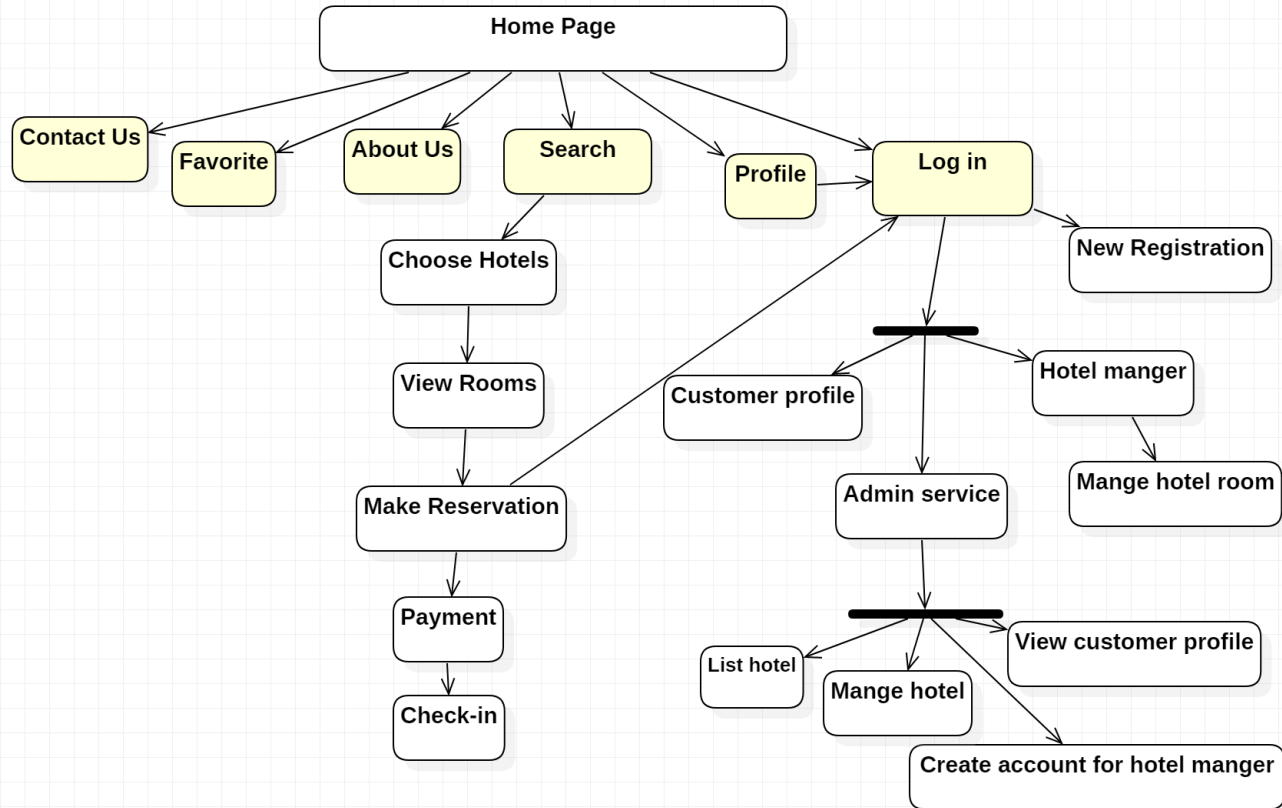


WampServer



Web browser

# Navigation Scheme

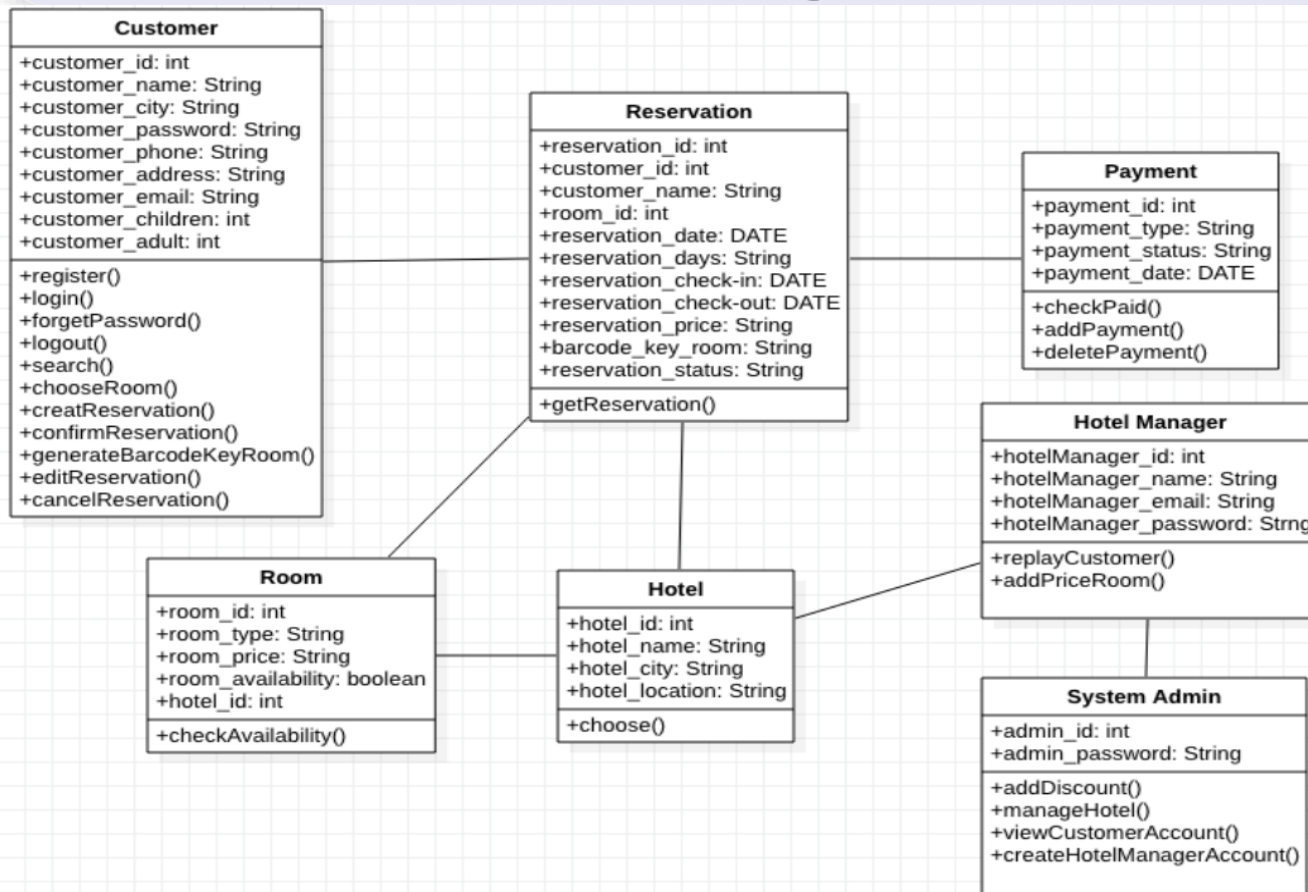




# Implementation Phase

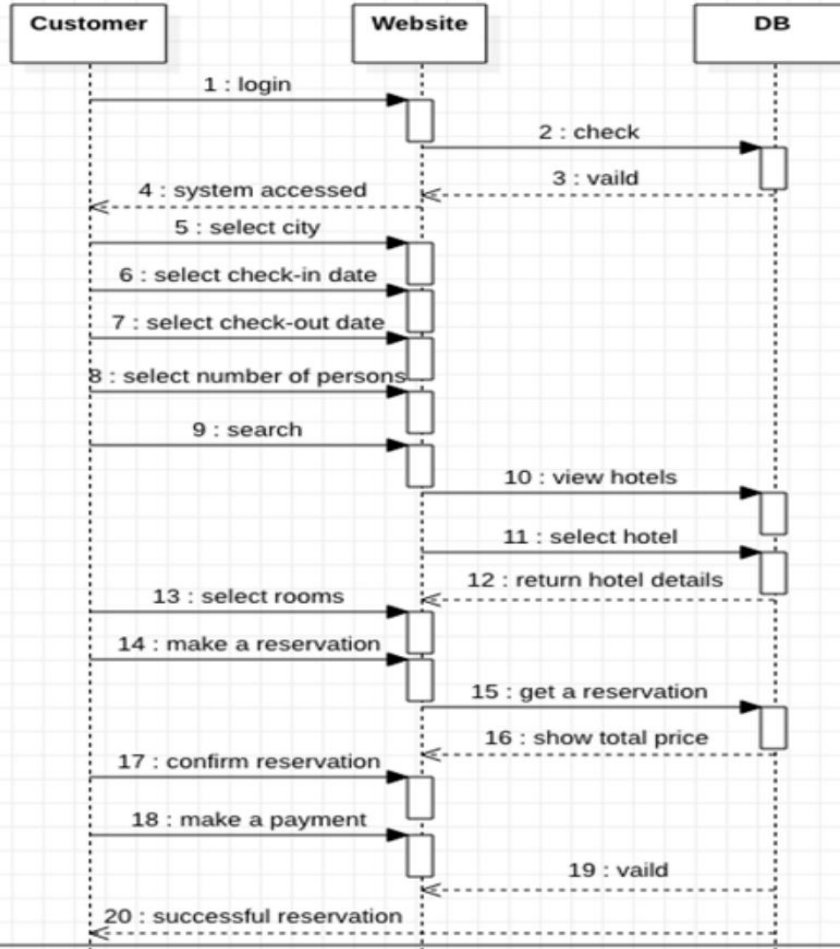
- **Class diagram**
- **Sequence diagrams**
- **Work performed**

# Class Diagram



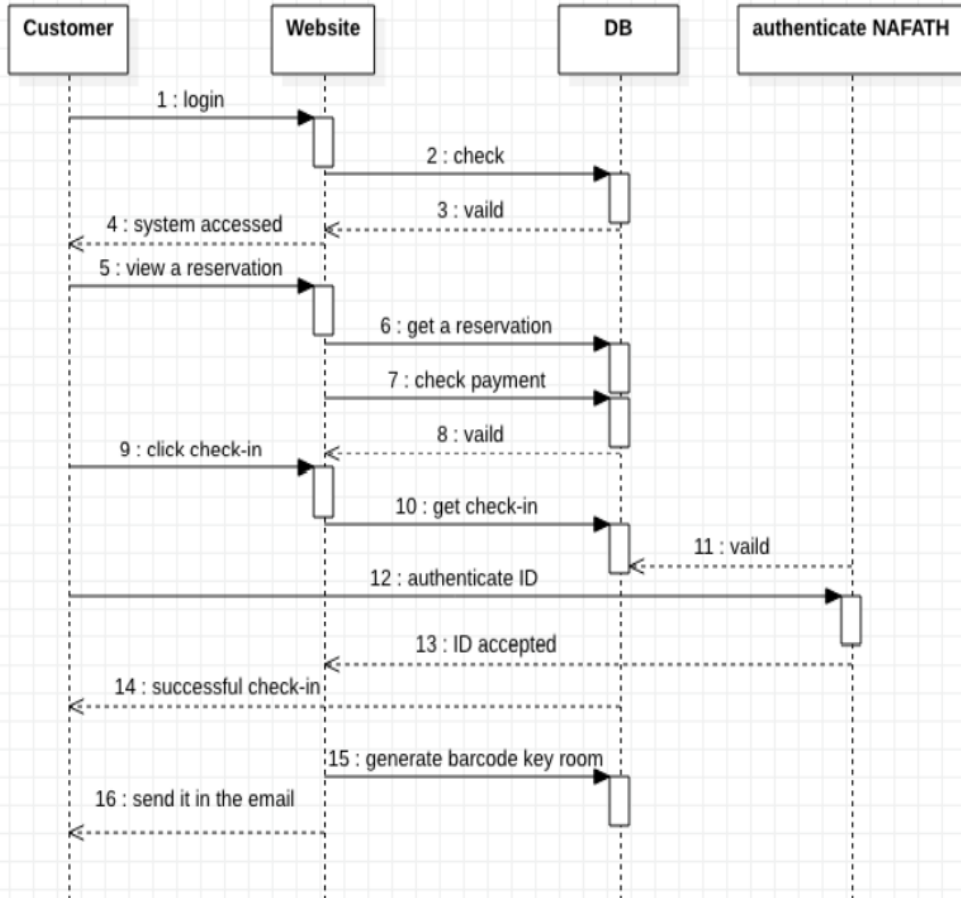
# Sequence Diagrams

# sd reservation process



## Customer Reservation Process

# sd check-in process



## Customer Check-in Process

The image features a stylized white web browser window with rounded corners, set against a background of purple and blue abstract shapes and leaf-like patterns. The browser window has a header bar with three colored window control buttons (black, blue, teal) on the left, a central address bar, and a home icon on the right. The main content area of the browser displays the text "Work Performed" in a large, bold, magenta font.

# Work Performed



# Conclusion

Providing hospitality for the guests has attracted  
our attention and we want to provide it  
efficiently.

Our ultimate goal is to satisfy guests.

# Acknowledgment

We would like to thank **Dr. Nourah Janbi** for her support, guidance, and patience in making everything simple, to completing our project was a great learning experience.

Also, I would like to take this opportunity to express my gratitude to **my group**, The project would not have been possible without their cooperation and involvement.

Finally, I extend my heartiest thanks to **my family, and friends**, for being with us and extending encouragement throughout the project.