



Semester Project

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COURSE NAME

- Software Construction and Development (SCD)

SECTION

- BSSE 5B (MORNING)

**NATIONAL UNIVERSITY OF MODERN LANGUAGES
ISLAMABAD**

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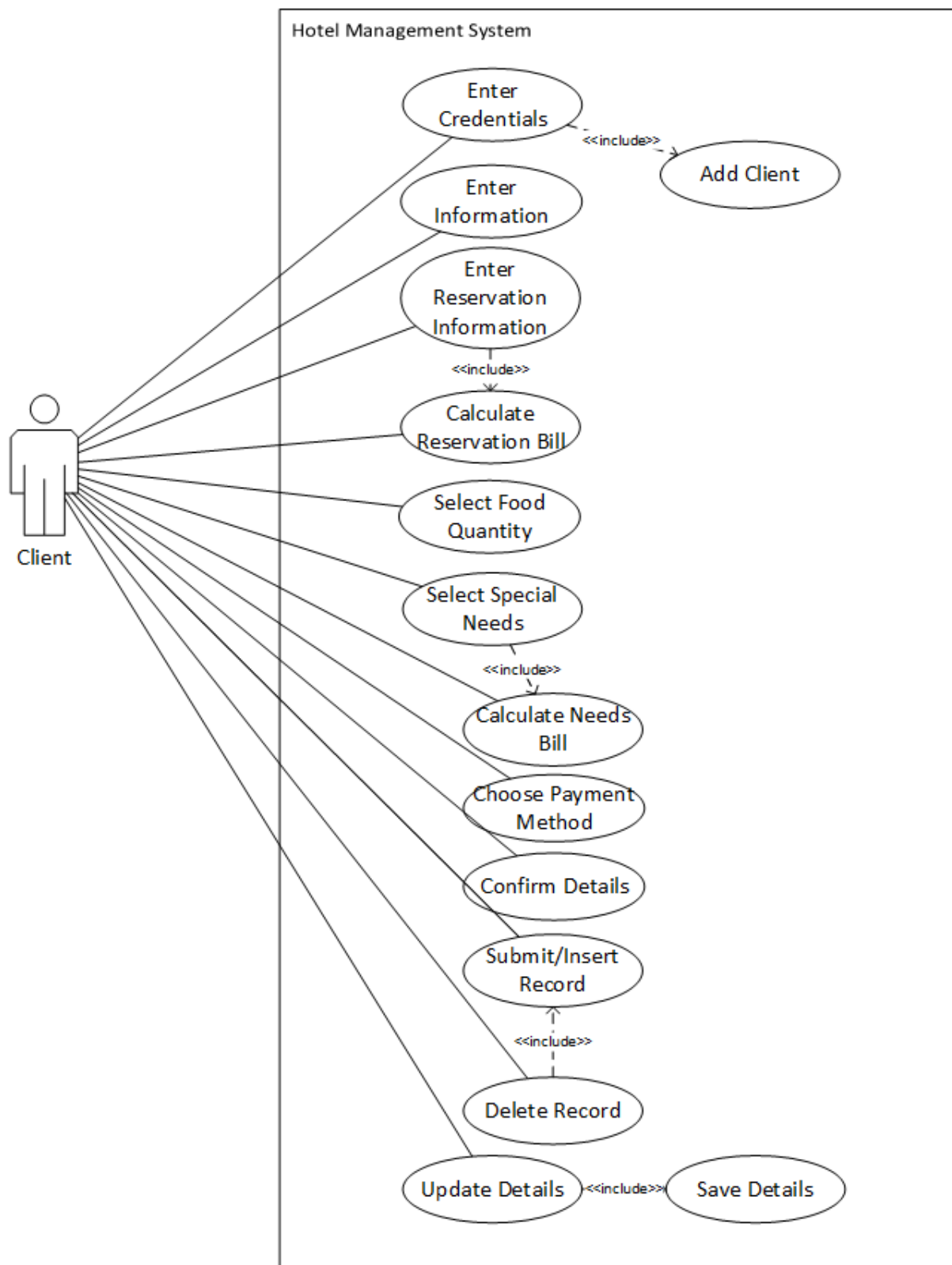
HOTEL MANAGEMENT SYSTEM

The Hotel Management System in C# is an application developed for Hotels. It is an application developed in C# which is used to let clients reserve rooms to stay in hotel. It stores information related to Client, Room Reservation, Food, and final payment. The database used is SQL Server. The objective of developing such a system was to reduce the errors that creep in the system and would hinder the client's easiness to reserve their stay in a hotel. It provides a user-friendly interface where client is given full access to reserve their stay in a relaxed manner.

FEATURES

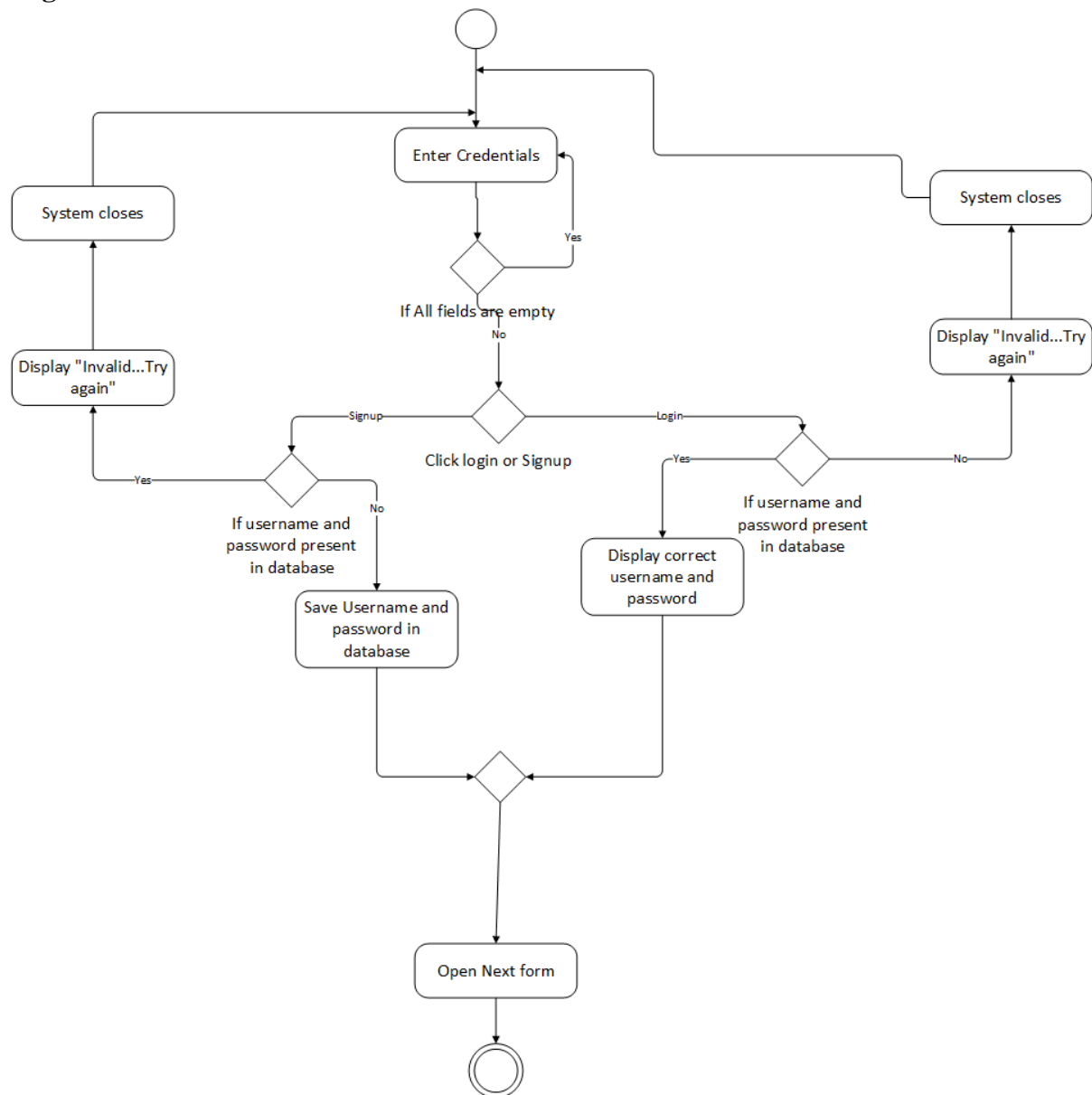
- Login and Signup
- Add Client's Detail
- Add Reservation Details
- Food and needs selection
- Finalize payment
- Insert/Save records
- Update Records
- Delete Records

USE CASE DIAGRAMS

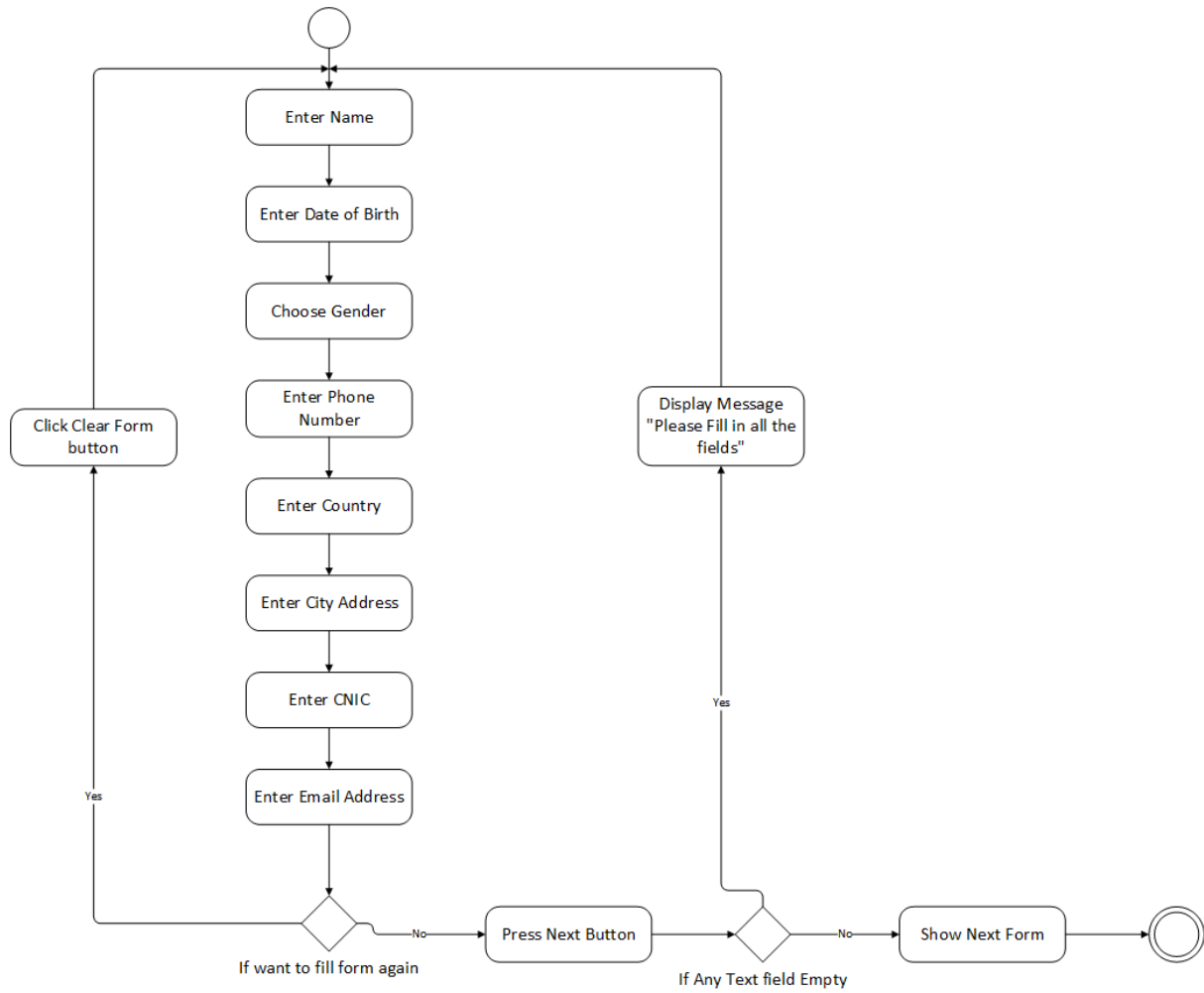


ACTIVITY DIAGRAMS

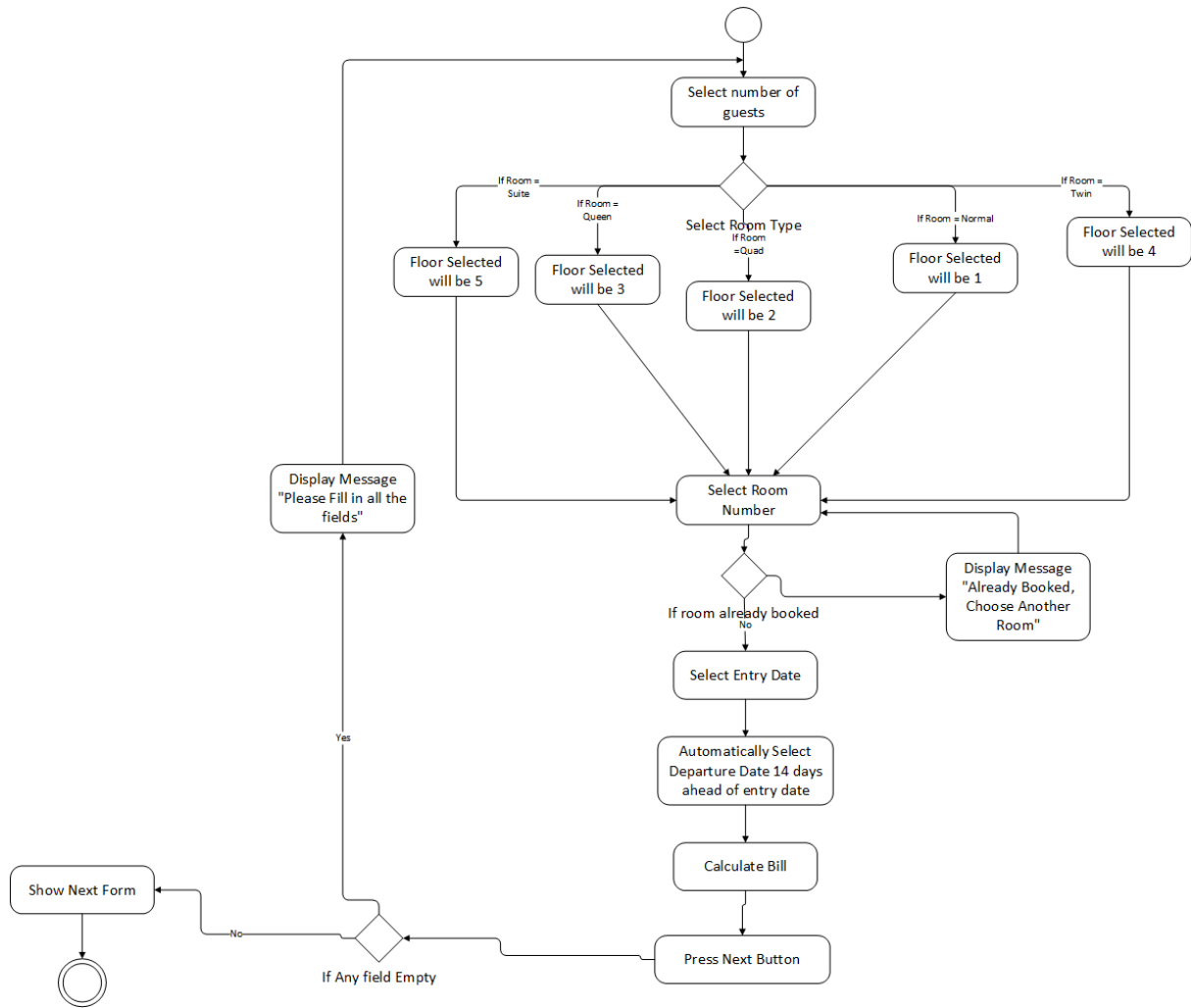
Login



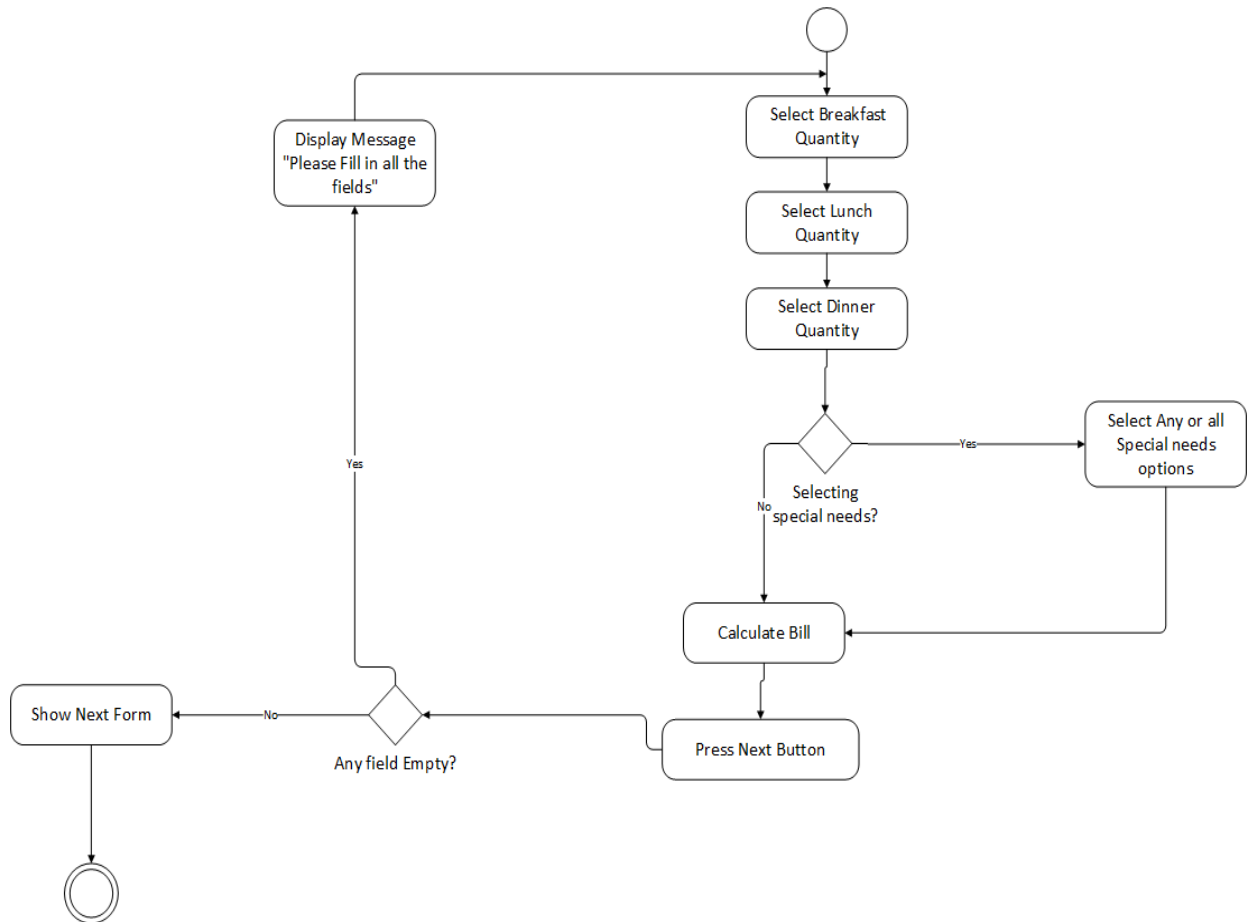
Client



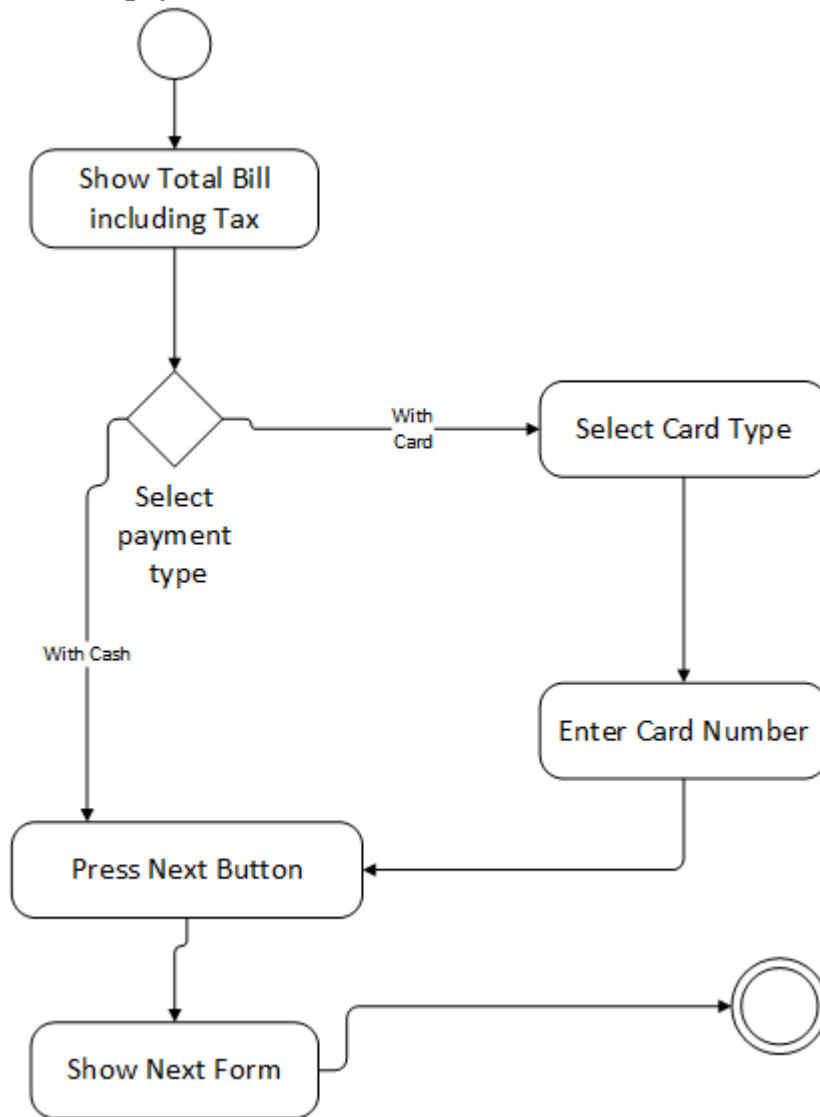
Reservation



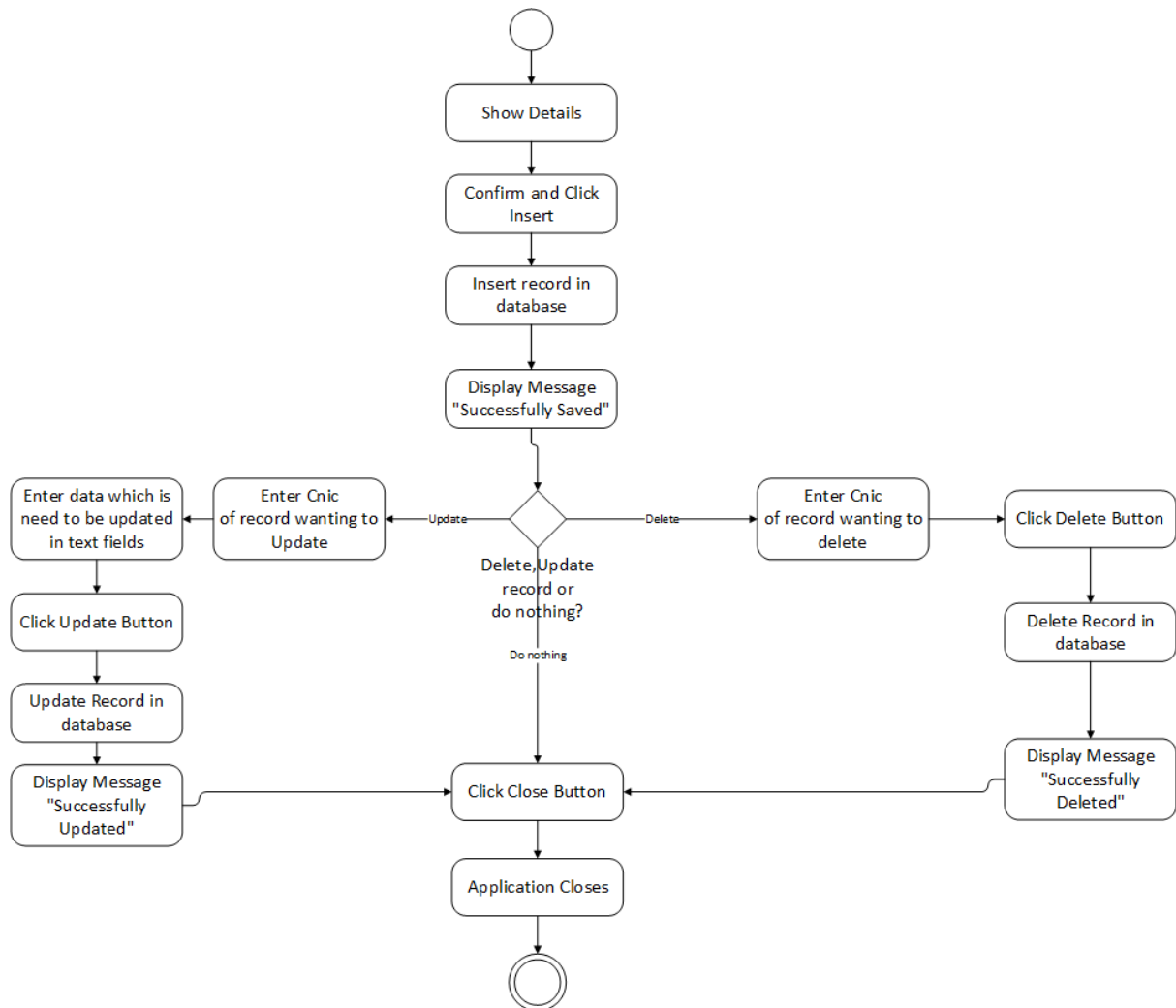
Food Selection



Finalize payment

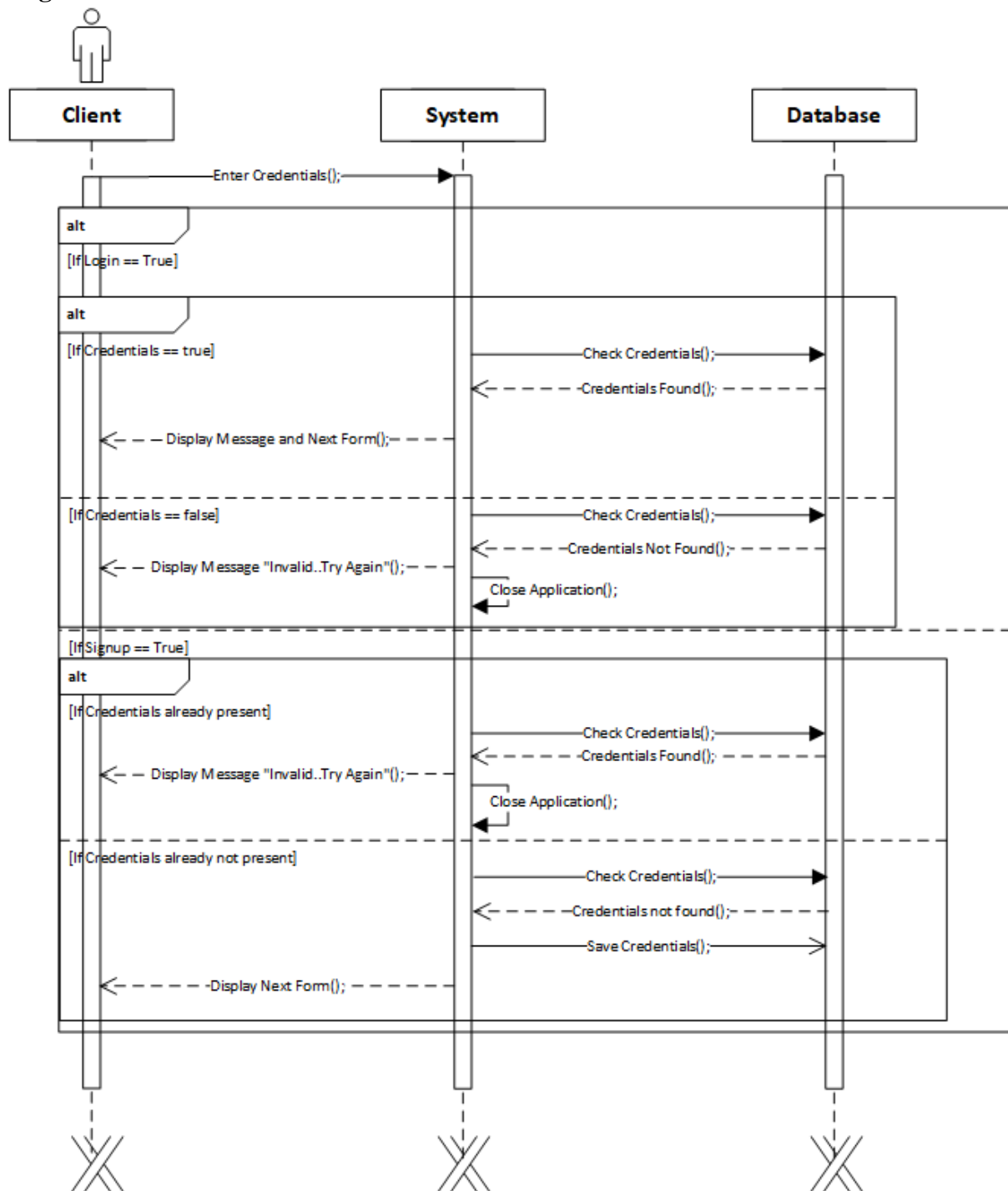


Confirmation

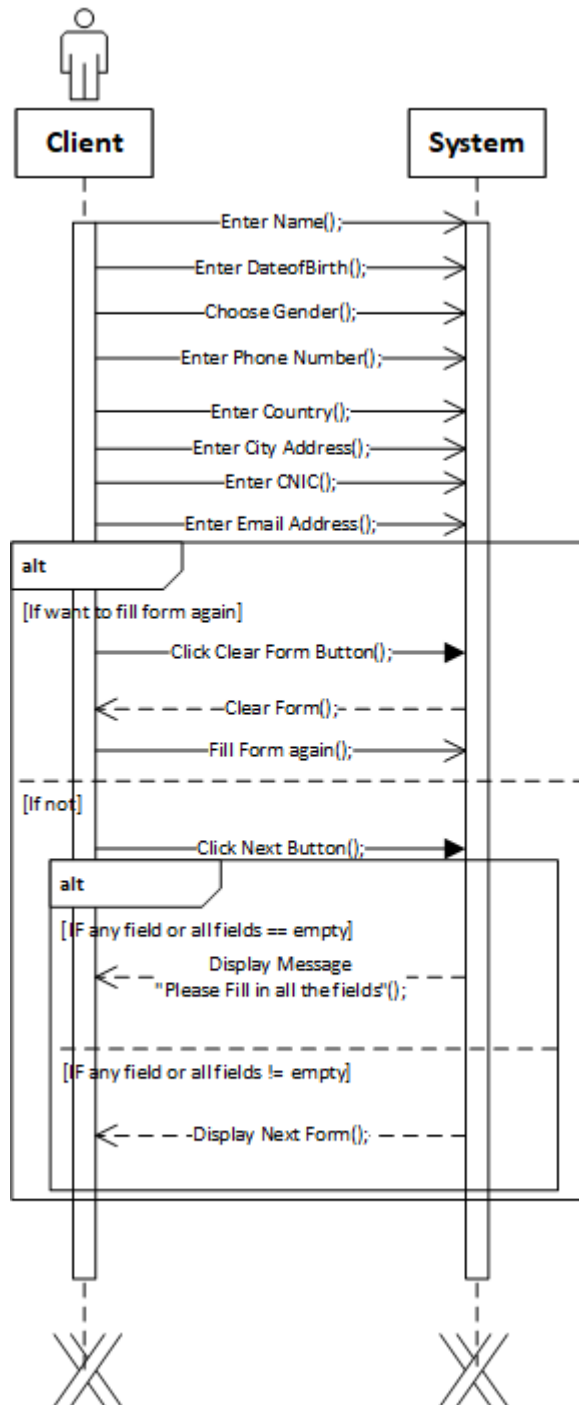


SEQUENCE DIAGRAMS

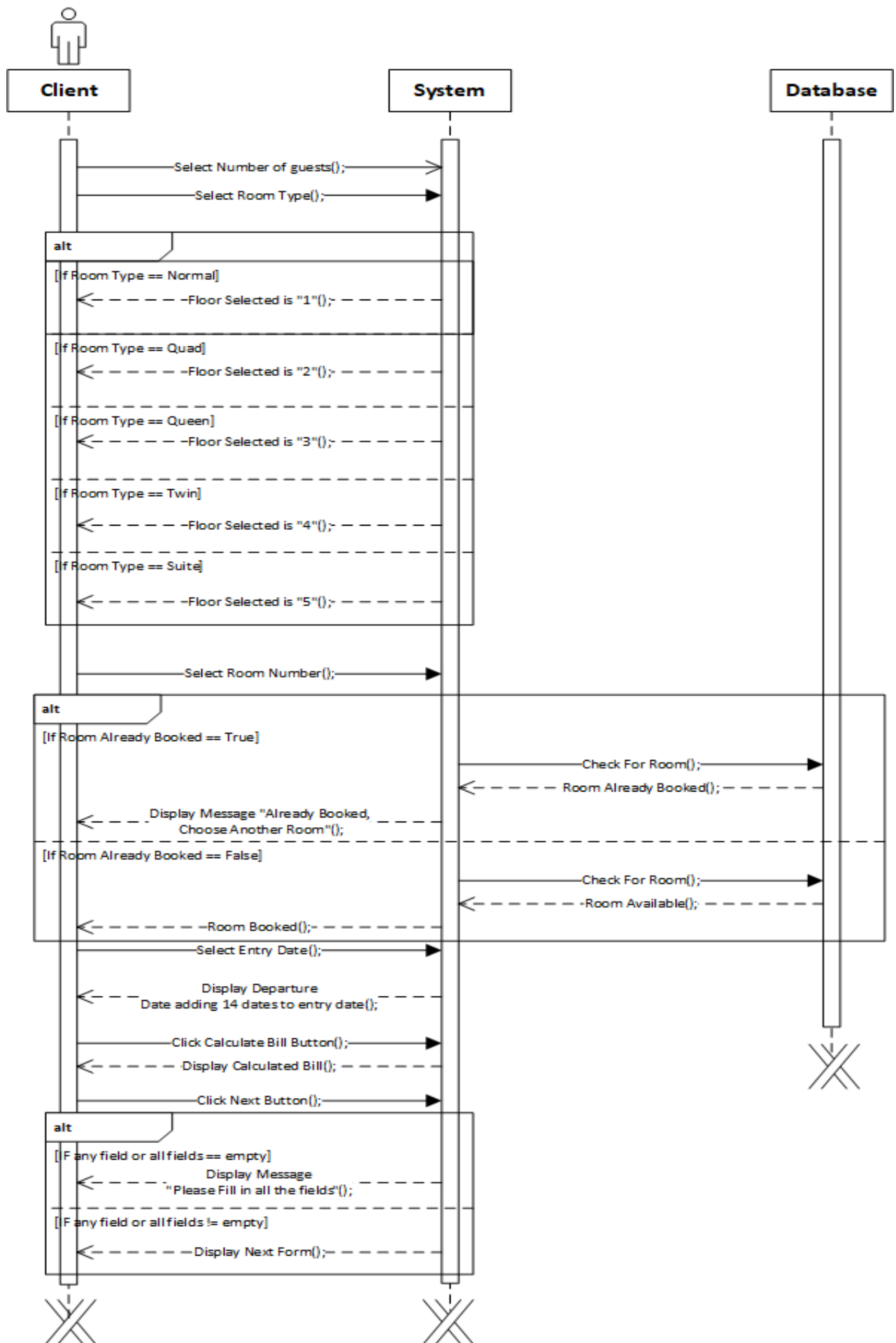
Login



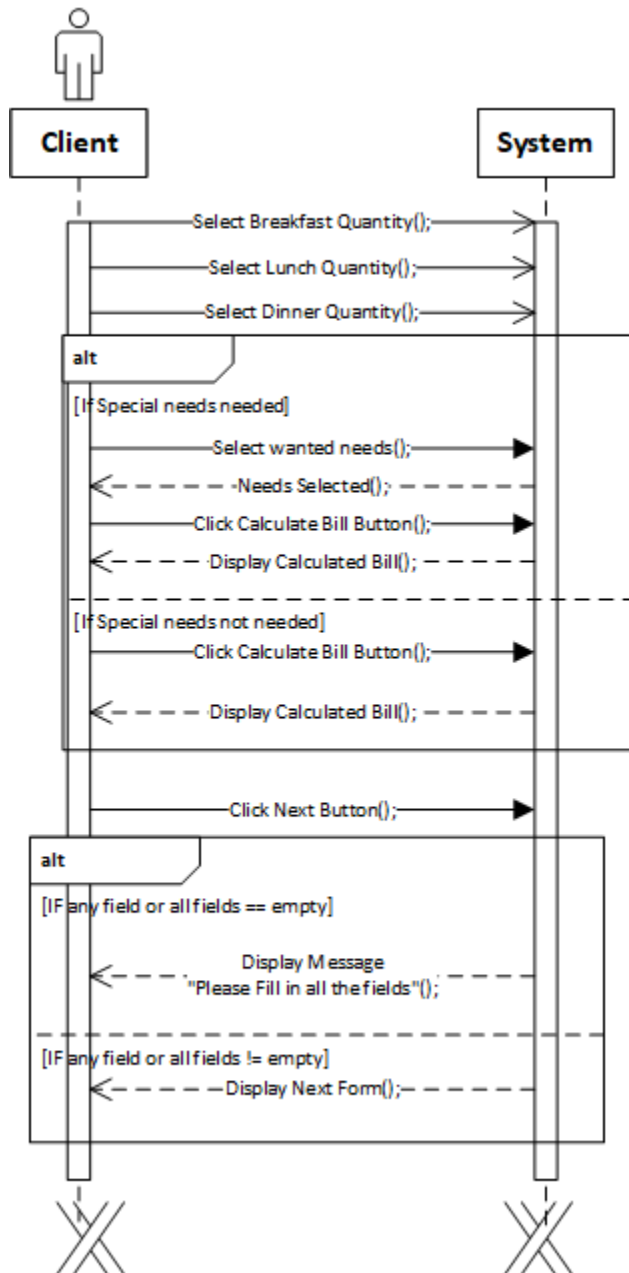
Client



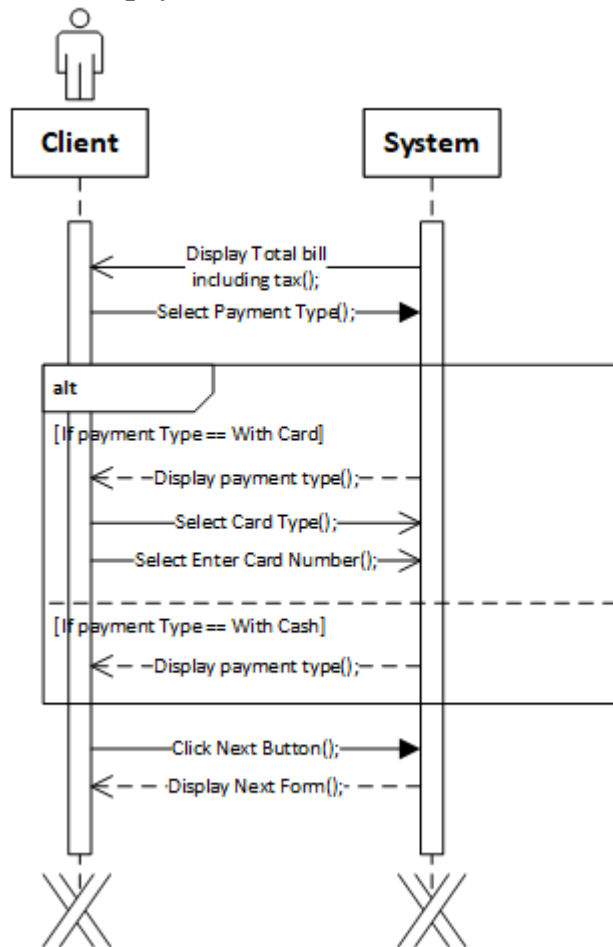
Reservation



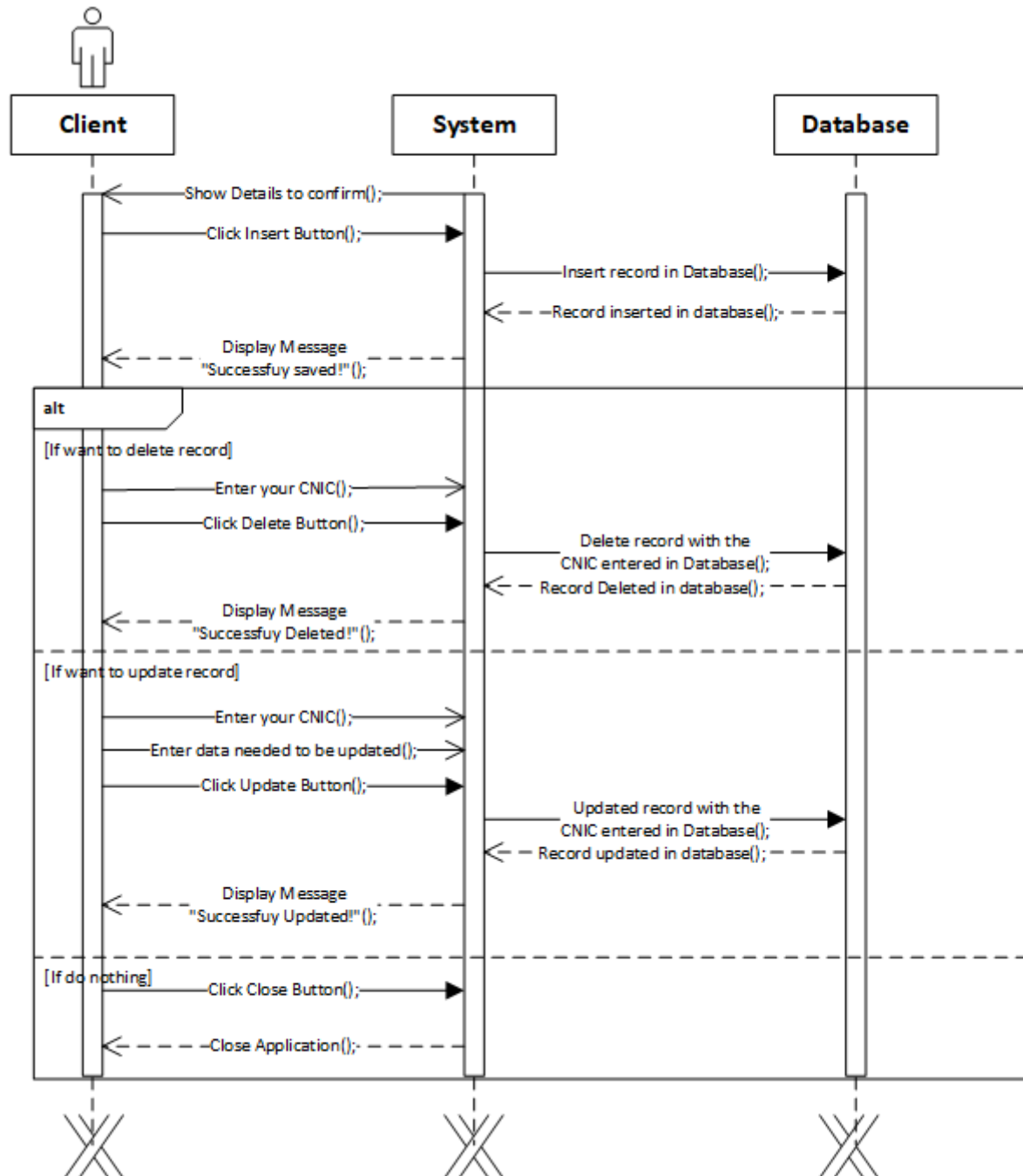
Food Selection



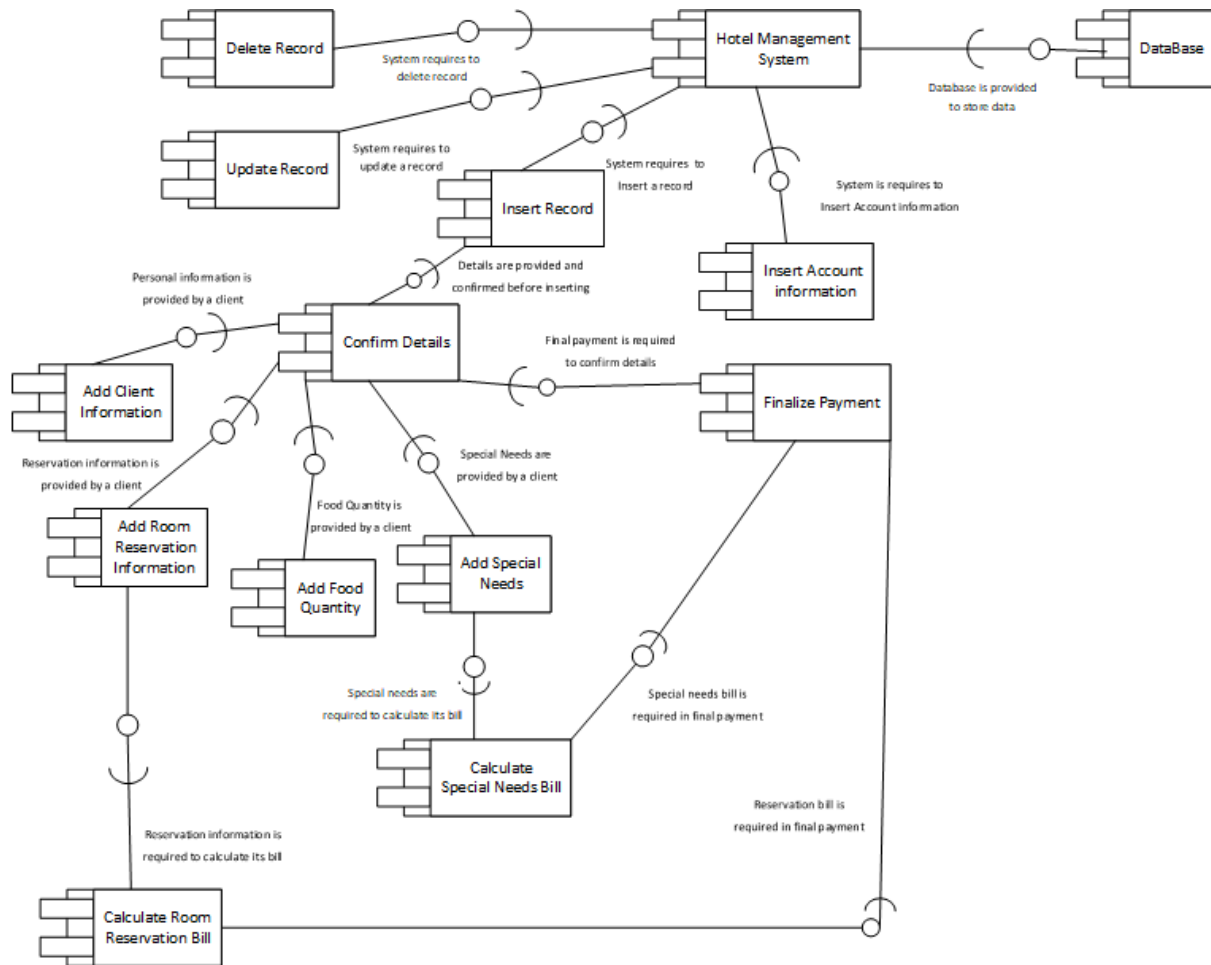
Finalize payment



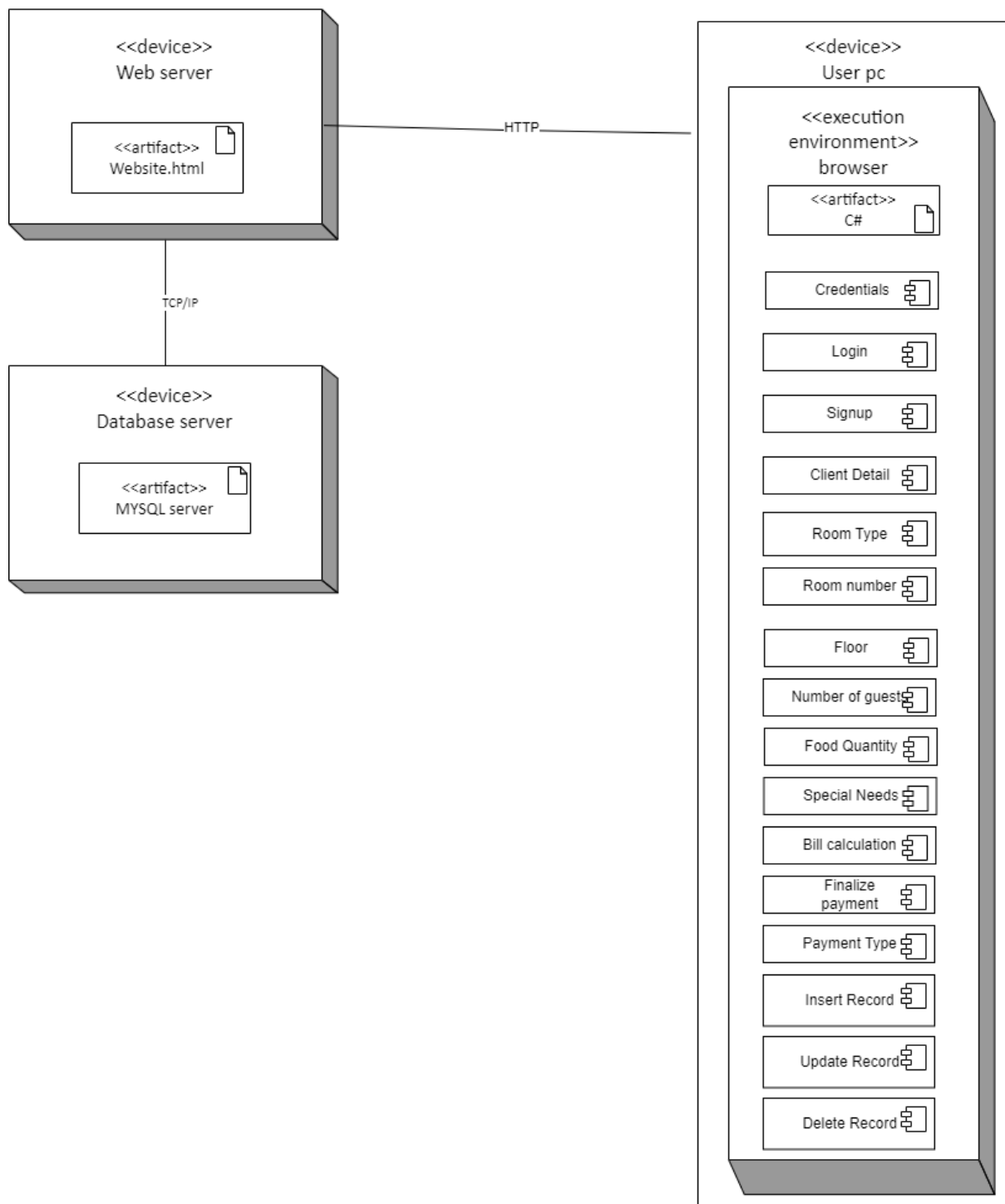
Confirmation



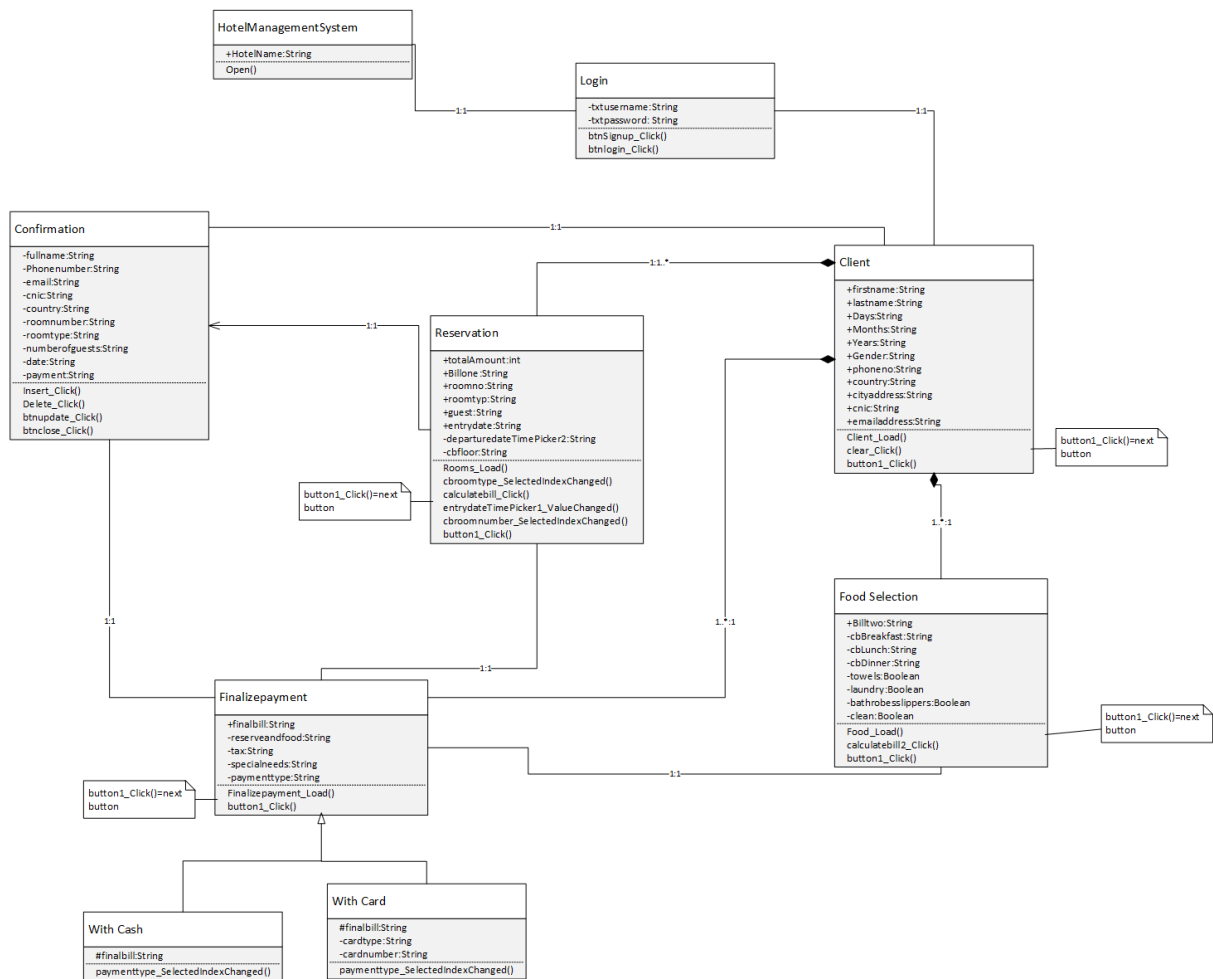
COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM



CLASS DIAGRAM



PETRINETTS

Hotel Management System Petri Nets

