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Van Hamlin

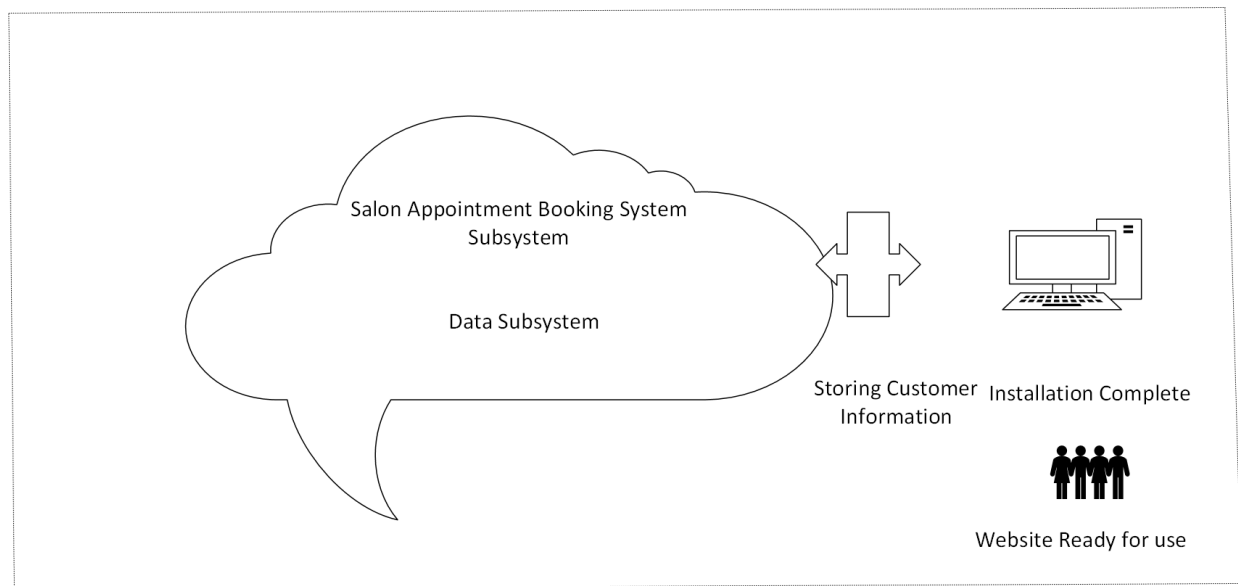
Jasmine Morgan

Bryce Pittman

CIS-330

03/17/25

1. System of Interest



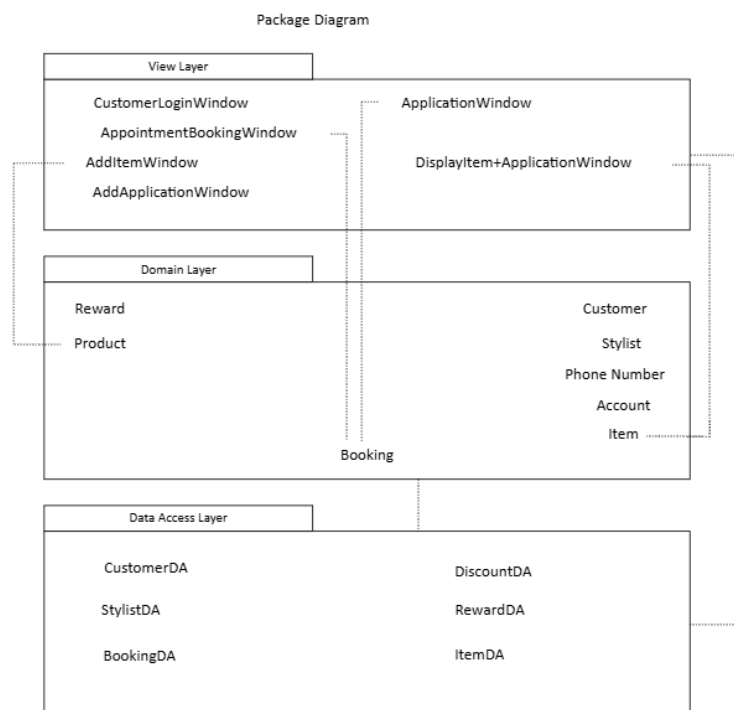
The diagram represents a Salon appointment booking system which allows customers to schedule and reschedule and to cancel the appointment booking. Which consists of two subsystems the Salon Appointment Booking System and the Data Subsystem. The data subsystem will hold customer information and will also be able to keep track of appointment history. The booking system will be able to send notifications to customers about upcoming appointments. When the system is installed, it will be available on our website for customers to use, to be able to access booking and cancelation for appointments.

2. Describe the Environment

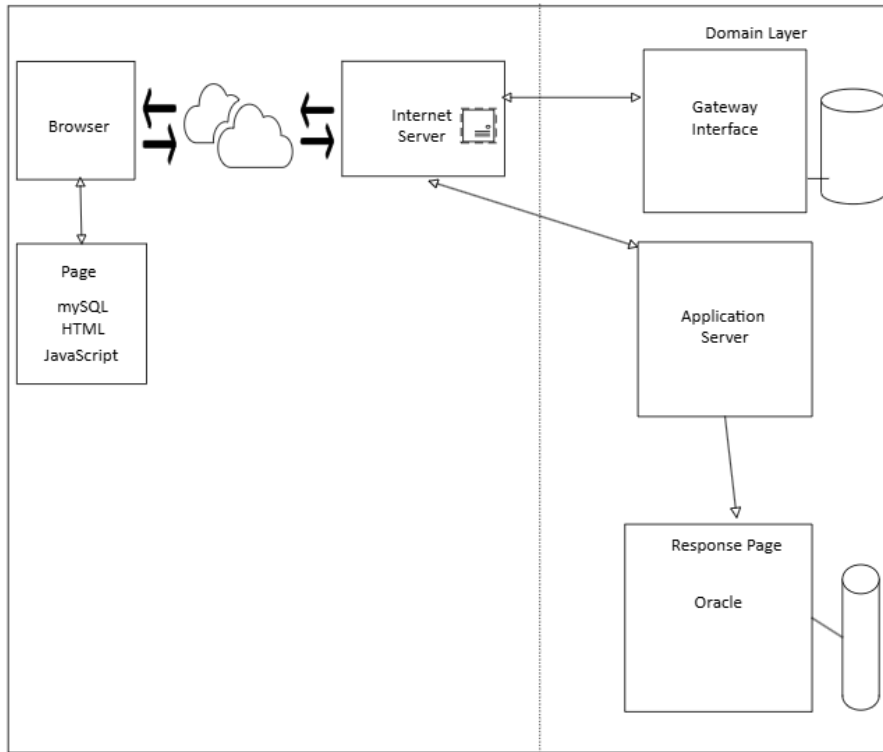
The system will start off with allowing the user to sign up for an account or log in. If the user decides to sign up for an account, the user will be prompted to enter their phone number. The system will then send a 6-digit verification code to the user's phone number for verification. The user will then be prompted to create a password for their account and lastly the user will be able to log in with their new or existing account.

After the user logs into their account, the system will then greet the user with a dashboard for creating and managing appointments. The user can choose to modify/cancel an existing appointment where the user can change the date and time from a dropdown menu to ensure that valid data is provided by the user. After a valid time is submitted by the user, the user will be greeted with an "appointment confirmed" message. If the user decides to cancel the appointment, the user can simply press "cancel appointment" to cancel the selected appointment. Once the appointment is cancelled, the user will be greeted with a message saying, "appointment cancelled." If the user wants to create a new appointment, the user will select "select appointment" instead of "modify/cancel" appointment. This is where the user can choose the service, date, and time of the appointment. Once valid input has been submitted using the drop-down menu, the user will be greeted with the same "appointment confirmed" message mentioned before.

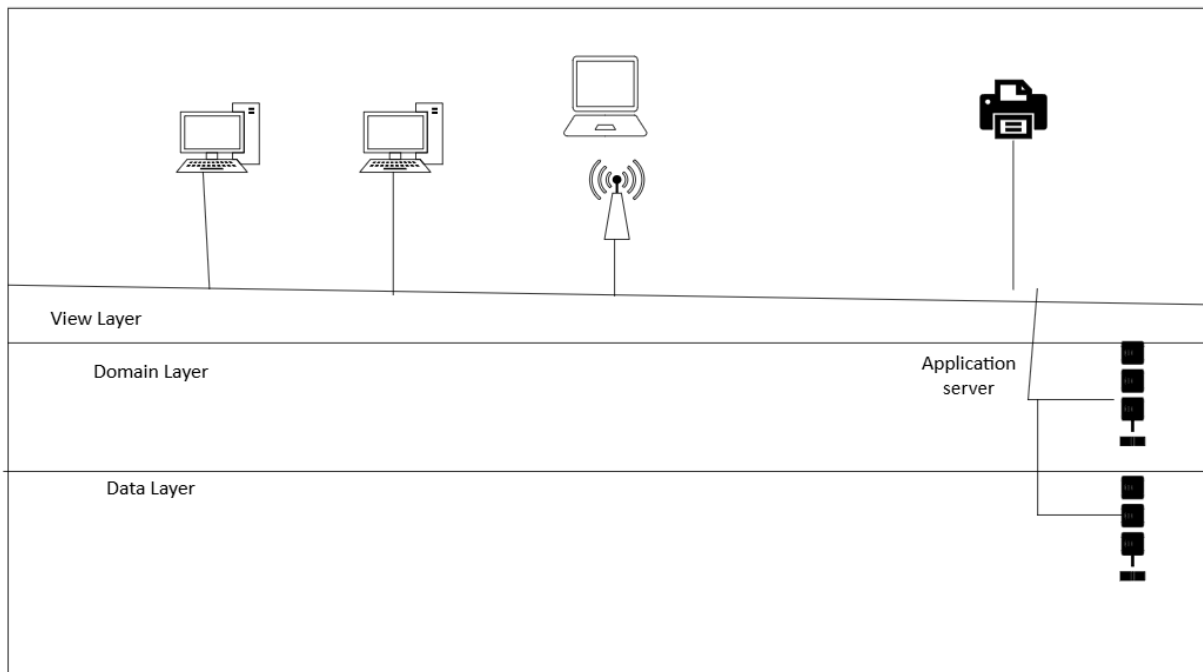
3. Application Components



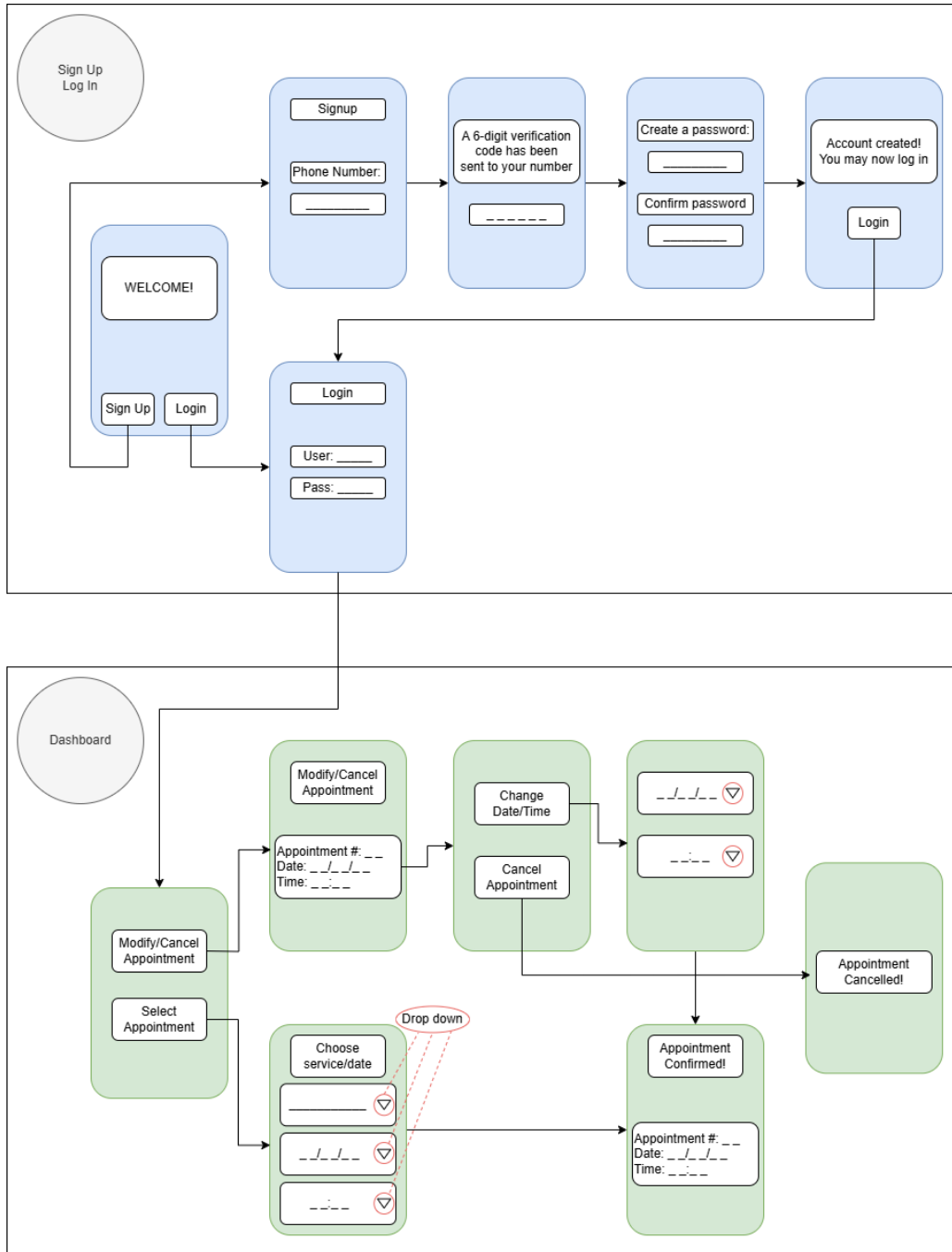
Component Diagram



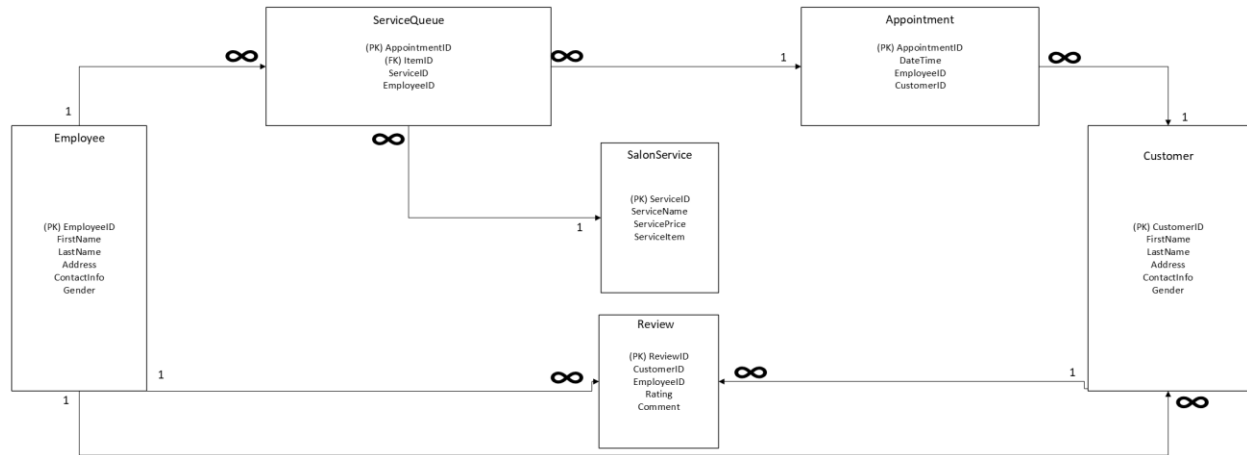
Deployment Diagram



4. User Interface



5. Database Design



6. Software Classes & Methods

