



KAR Beauty and Hair Salon Application

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BS Information Technology – NW2E

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I. Background and Description

KAR Beauty and Hair Salon Application was created to make business management easier. This application has a capable system to exhibit and establish a queue for salon services selected by the customer. Additionally, it offers the flexibility for customers to choose from various payment methods. The system then computes the total payment, encompassing all selected services, providing a seamless and comprehensive transaction experience for the customer, as well as login credentials for different cashiers of the business to determine if ever there is an overcharging or shortage of cash. Our system can effectively handle the flow of users by giving each one a specific queue number. This can help in setting priorities. The power of the queue number system resides in its capacity to effectively monitor and handle customers. Hence, guaranteeing a well-organized system for customer service. The application still has its limitations, our system may only queue a maximum of 10 customers, based on my research most huge parlors and salons can only accommodate ranging 8 to 10 people at the same time regardless of the services the salons offer. Limitations in the reservation and scheduling system may result in difficulties for customers in securing desired appointment times. And limited payment option systems only to G-Cash, Maya, and PayPal, also the system doesn't have the option to apply discounts for seniors or PWD. Also, there is no database linked to our system to store user data. Therefore, it means that any adjustments or details submitted may be discontinued if the admin logs out. Aside from all this, the system looks great and is very reliable in all circumstances of the business. We are to make improvements to the system in the future depending on the client's needs and design preferences as we all know different salons offer different services and prices.



II. Program Structure

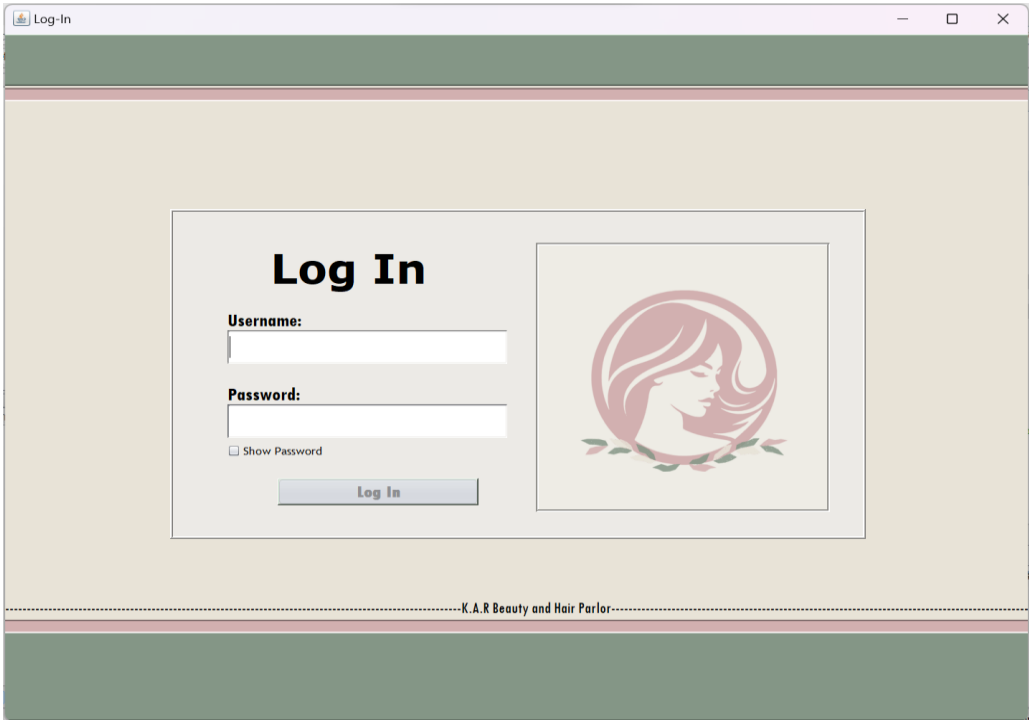


Figure 1. Login Page

Figure 1 shows that this frame contains a login page where the admin can access the system.

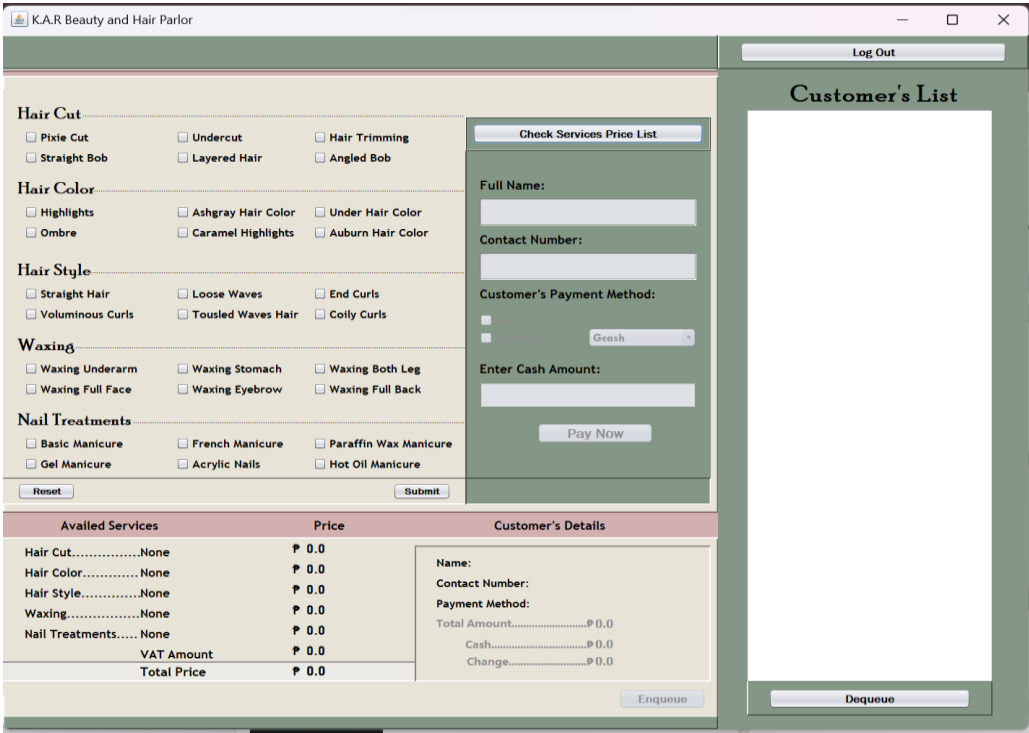


Figure 2. Home Page

Figure 2 shows that after login, the system will now go to the services that the business offers. We made it a very user-friendly design and very basic to use so businesses won't need a cashier who is computer literate.



Figure 4. Sample Process (Before Queueing)

Figure 4, as you can see once we have to enqueue all the services that our customer requires the system will automatically reset and the customer list section will have that listed down.



The screenshot shows a web application window titled "K.A.R Beauty and Hair Parlor". The main area contains a service selection form with sections for Hair Cut, Hair Color, Hair Style, Waxing, and Nail Treatments. Each section has several checkboxes for different services. To the right of the form is a "Check Services Price List" button and a "Full Name:" input field. Below that is a "Contact Number:" input field and a "Customer's Payment Method:" dropdown menu with "Cash" selected. There is also an "Enter Cash Amount:" input field and a "Pay Now" button. At the bottom of the form is a table titled "Availed Services" with columns for "Service" and "Price". The table lists the selected services and their prices, all of which are currently set to "None" and "P 0.0". To the right of the table is a "Customer's Details" section with fields for Name, Contact Number, Payment Method, Total Amount, Cash, and Change. At the bottom right of the form is an "Enqueue" button. On the far right, there is a "Log Out" button and a "Customer's List" section. The list shows two customers in the queue. The first customer is "Rhiccel Tan" with contact number "09123456789". The second customer is "Krizel Angeleen" with contact number "09987654321". Below the list is a "Deque" button.

Availed Services	Price
Hair Cut.....None	P 0.0
Hair Color.....None	P 0.0
Hair Style.....None	P 0.0
Waxing.....None	P 0.0
Nail Treatments.....None	P 0.0
VAT Amount	P 0.0
Total Price	P 0.0

Figure 5. Multiple Queues

Figure 5 shows an example of multiple queues of the enlisted in the system it can go up to 10 queues maximum since a salon can only accommodate 8-10 people at a time.

This screenshot is identical to the one in Figure 5, showing the same service selection form, price list, and customer queue. The queue currently has two customers: "Rhiccel Tan" and "Krizel Angeleen". The interface allows for selecting services, calculating the total price, and managing the queue of customers waiting for service.

Figure 6. Dequeueing

Figure 6 shows that once a customer is finished, we can dequeue the customer and the system will show now who's next on the line.

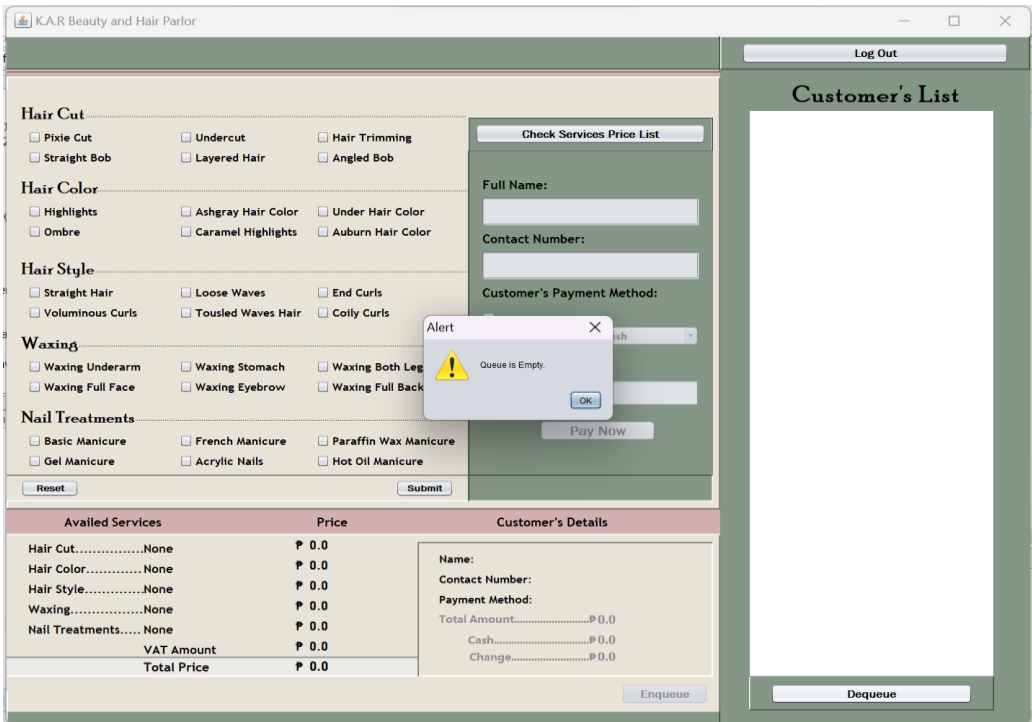


Figure 7. Empty Queue

Figure 7 shows when the user attempts to dequeue from an empty queue, the system will display an alert stating: 'Queue is Empty.'

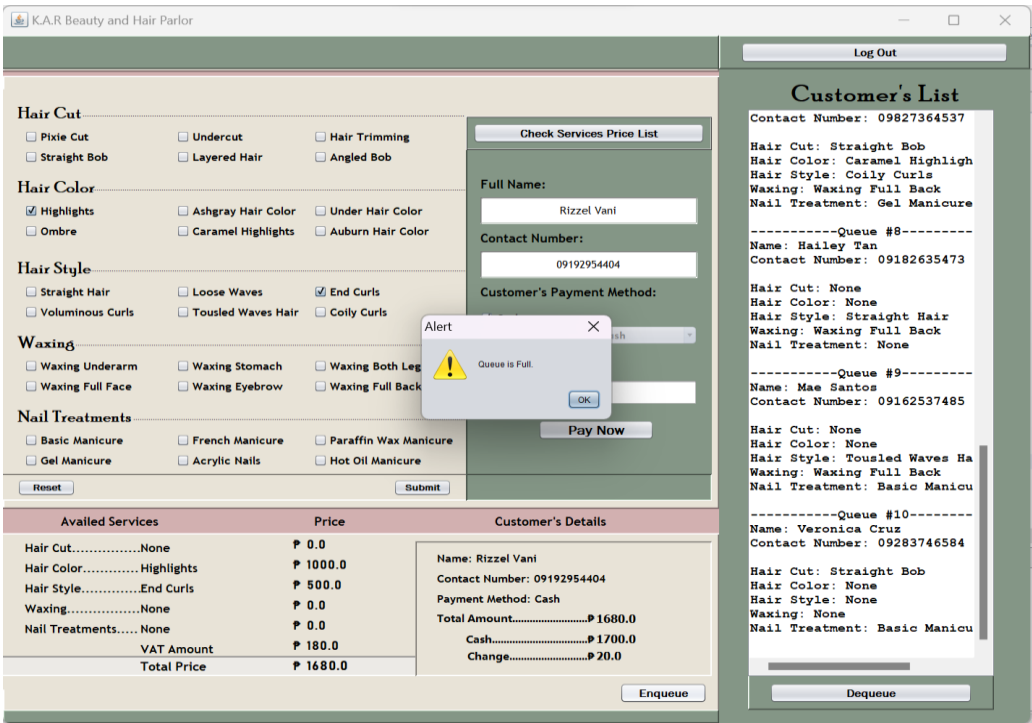


Figure 8. Full Queue

Figure 8 shows the frame where it displays an alert stating "Queue is Full" when the user attempts to enqueue customers beyond the queue's limitations.



III. Repository

Repository Name: [mansourasha/Salonserviceandpaymentapp-NW2E-ctcc0513](#)
