### **Architecture and User Interface Design**

#### **Traffic Citation and Reporting System**

Prepared by Lefan Wang, Alexzander Mazzuca, Peter Kastias, Aquan Morgan,

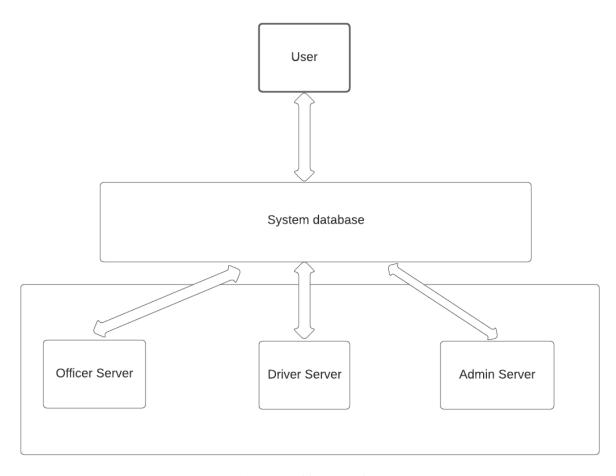
**COSC/ITEC 3506N Software Engineering** 

**Algoma University** 

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#### **Software Architecture**

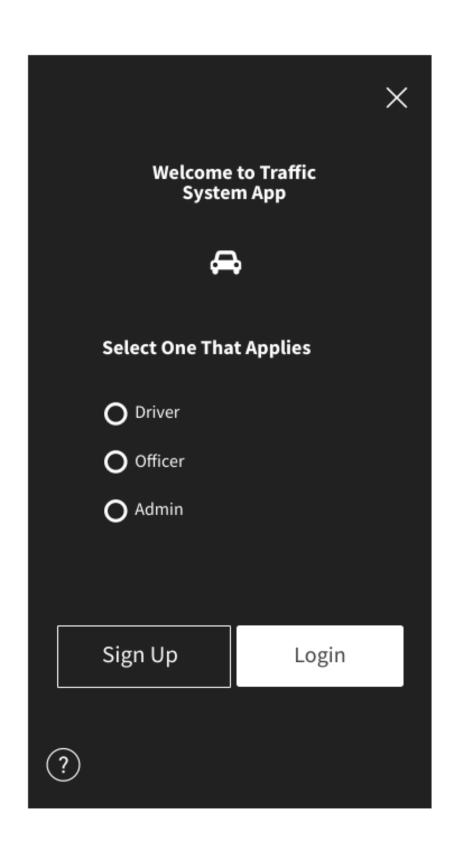
For this application, we find the broker pattern fits the best with our program's logic. The system database is the broker of our program, all the steps including log in, sign up, check received tickets, etc. all go through the system database. For example, when a driver logs into the application, the system database compares the account and password provided by the driver, if it matches the system database will give all the driver's accesses to this account.



Software Architecture Diagram

# **User Interface Design**

### Front page



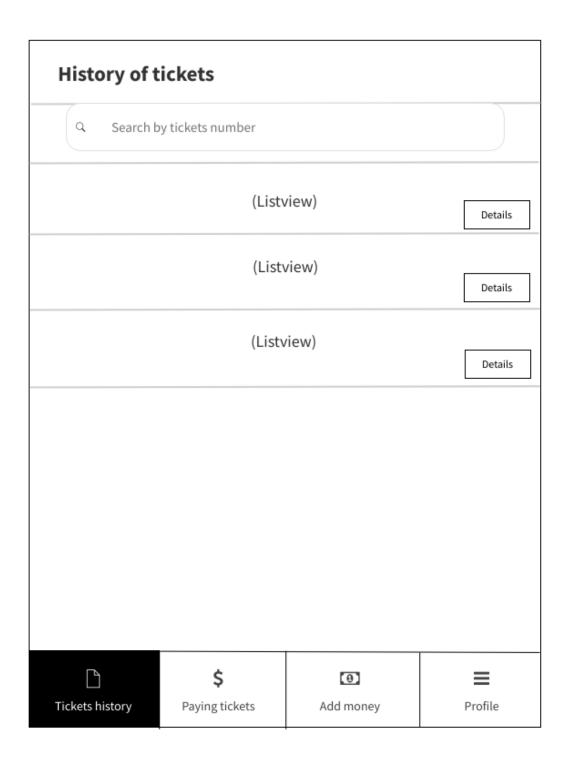
# Login page

<b>~</b>		
Login		

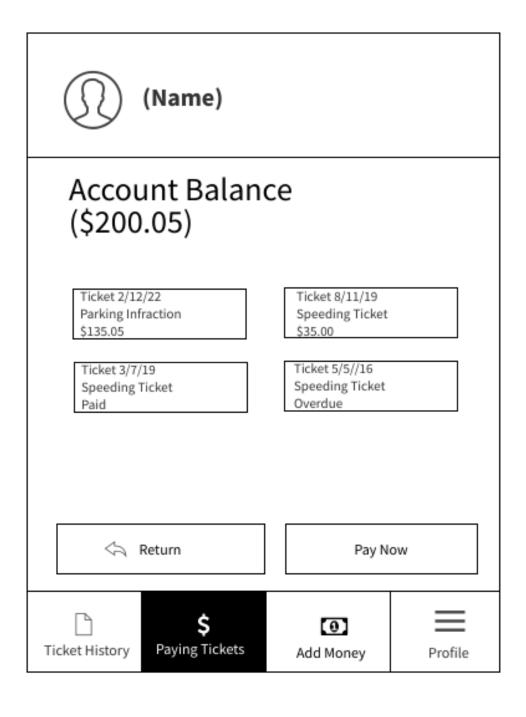
# Sign up page

Welcome! ♣		
♣ Driver sign up		
First name		
Last name		
License No.		
Email address		
Create password		
	► Sign up	

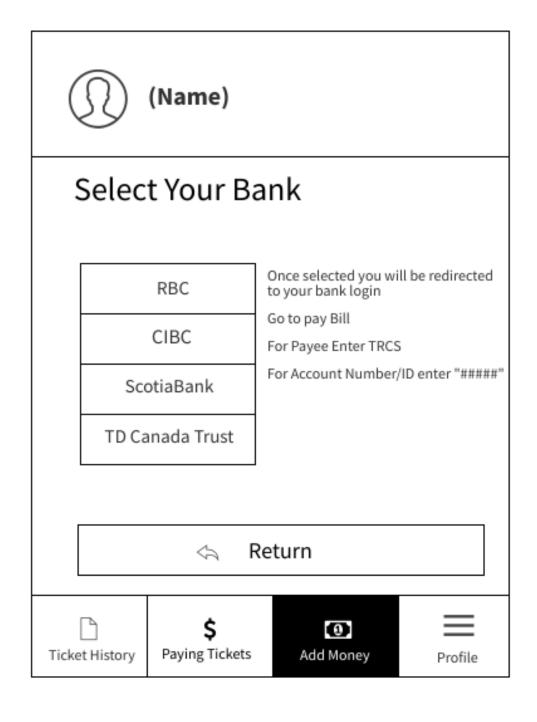
# Ticket history page



#### Paying tickets page



#### Add money page



# Profile page

