

3<sup>rd</sup> Exam – IT 26 /L

Subject code:

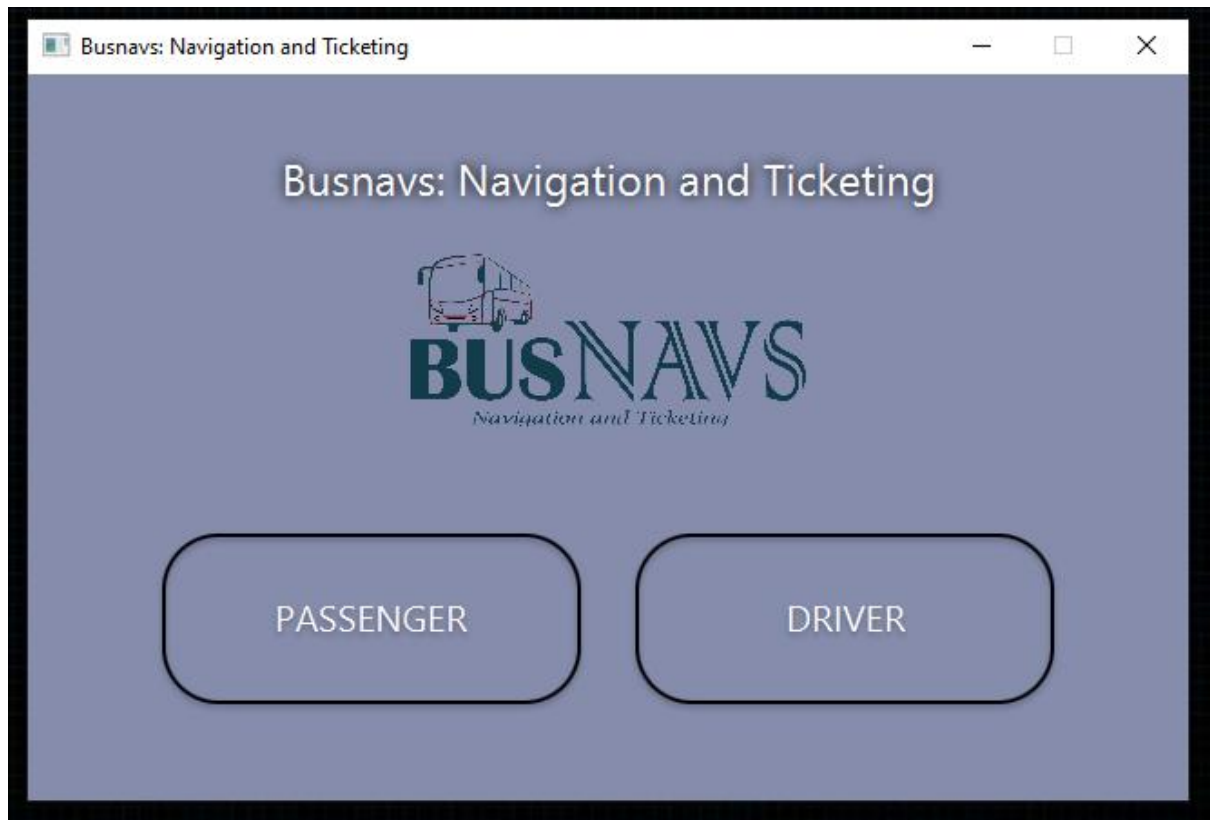


Busnavs: Navigation and Ticketing

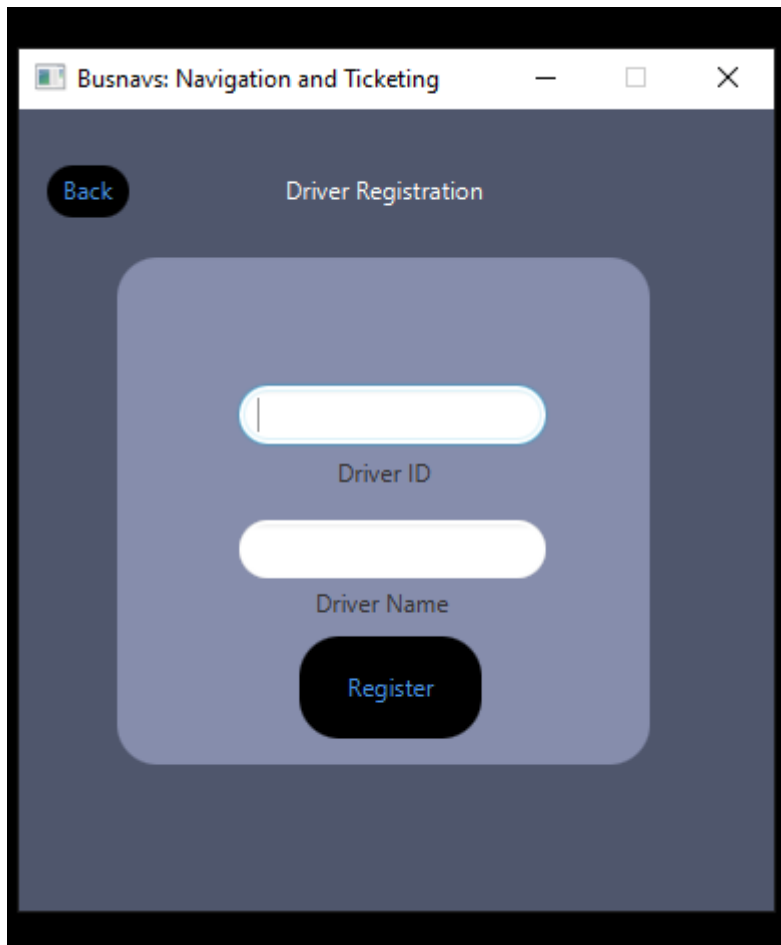
LEANDRO P. PANINSORO

May 2024

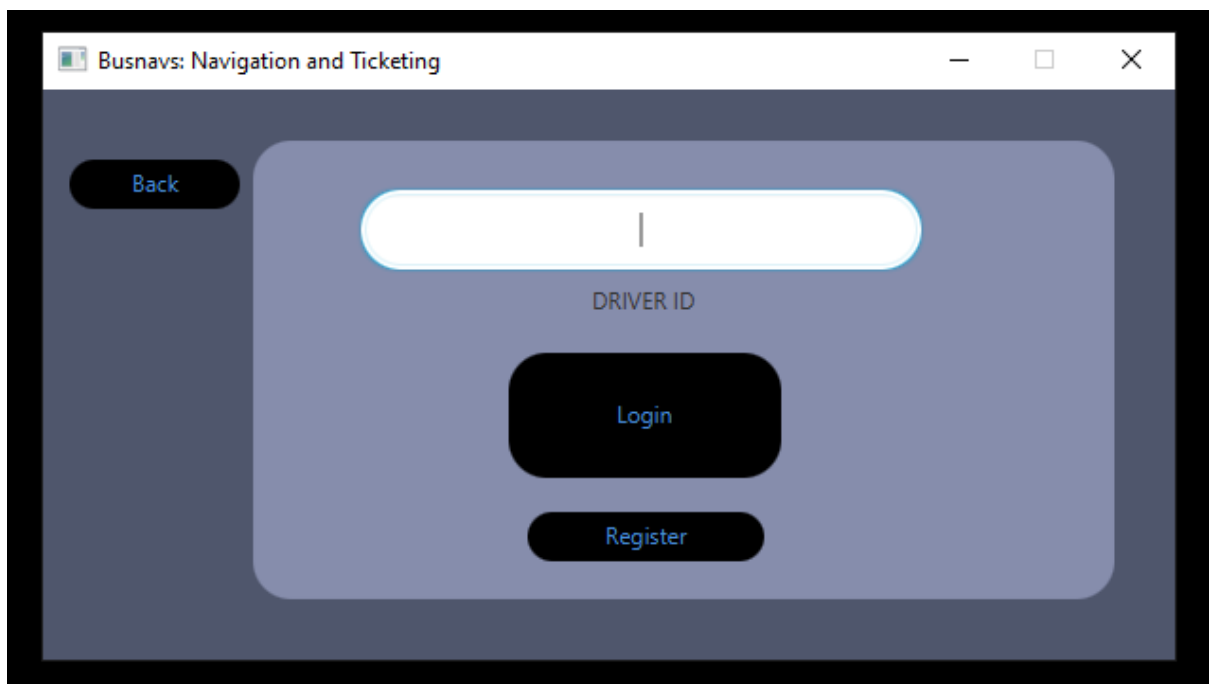
# A- DASHBOARD DESIGN



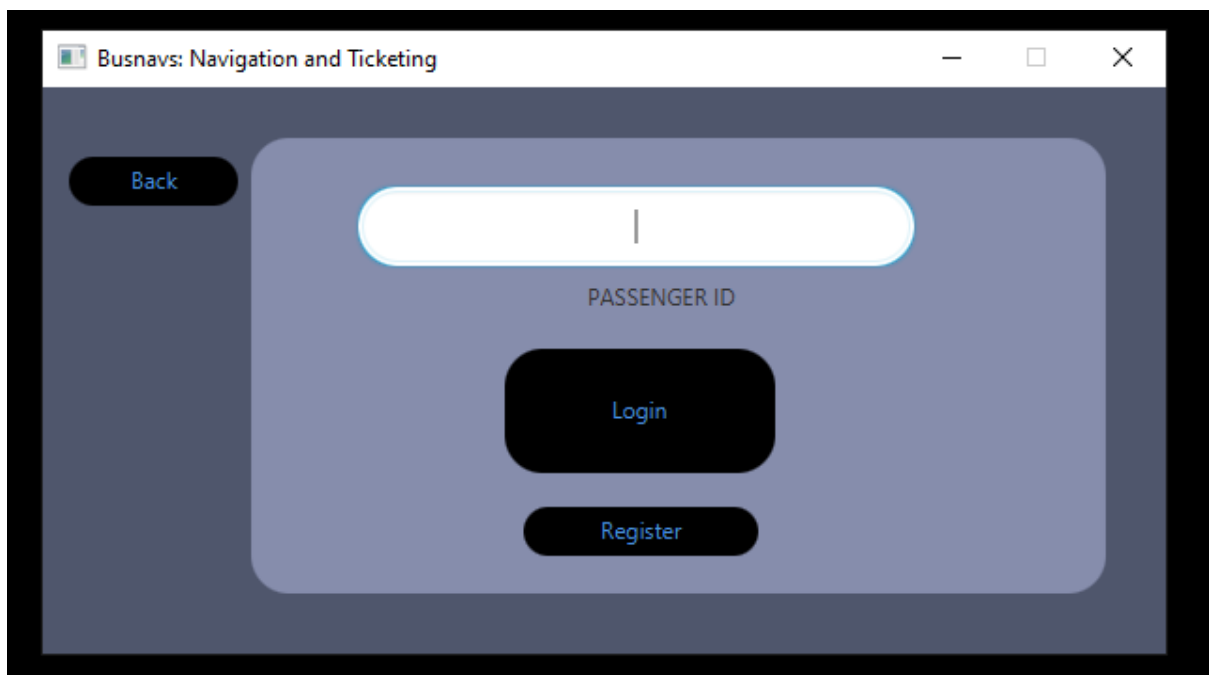
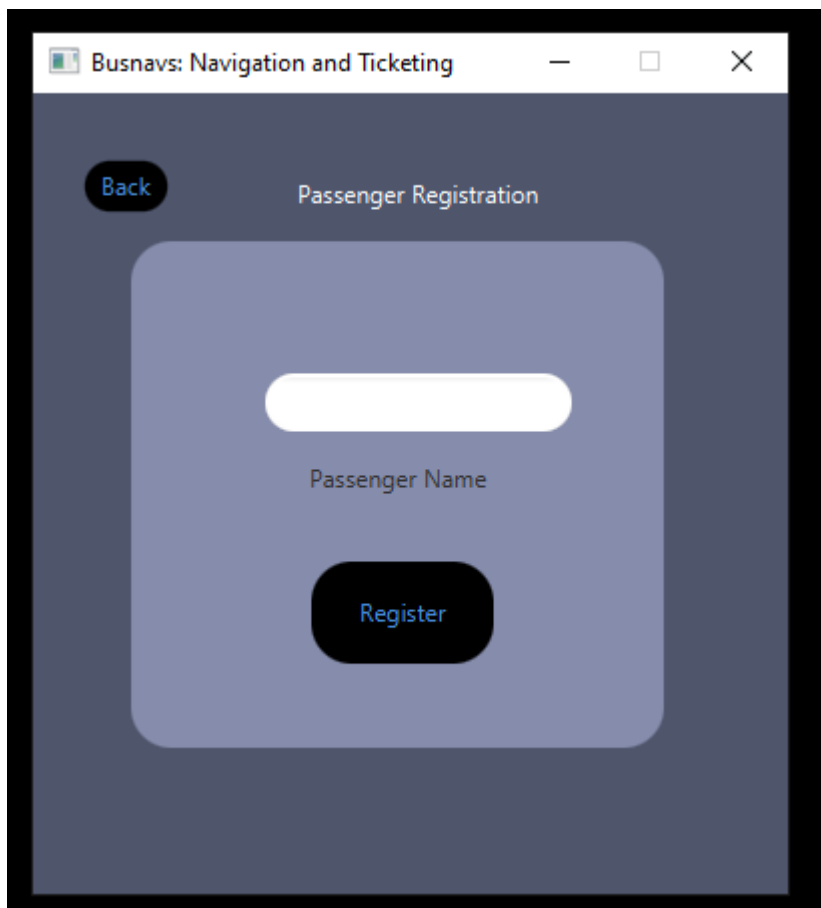
## B- LOG-IN AND SIGN-UP DESIGN



A screenshot of a web browser window titled "Busnavs: Navigation and Ticketing". The page displays a "Driver Registration" form. At the top left is a "Back" button. The form title "Driver Registration" is centered. The form itself is a light blue rounded rectangle containing two input fields: "Driver ID" and "Driver Name". Below these fields is a dark blue "Register" button.

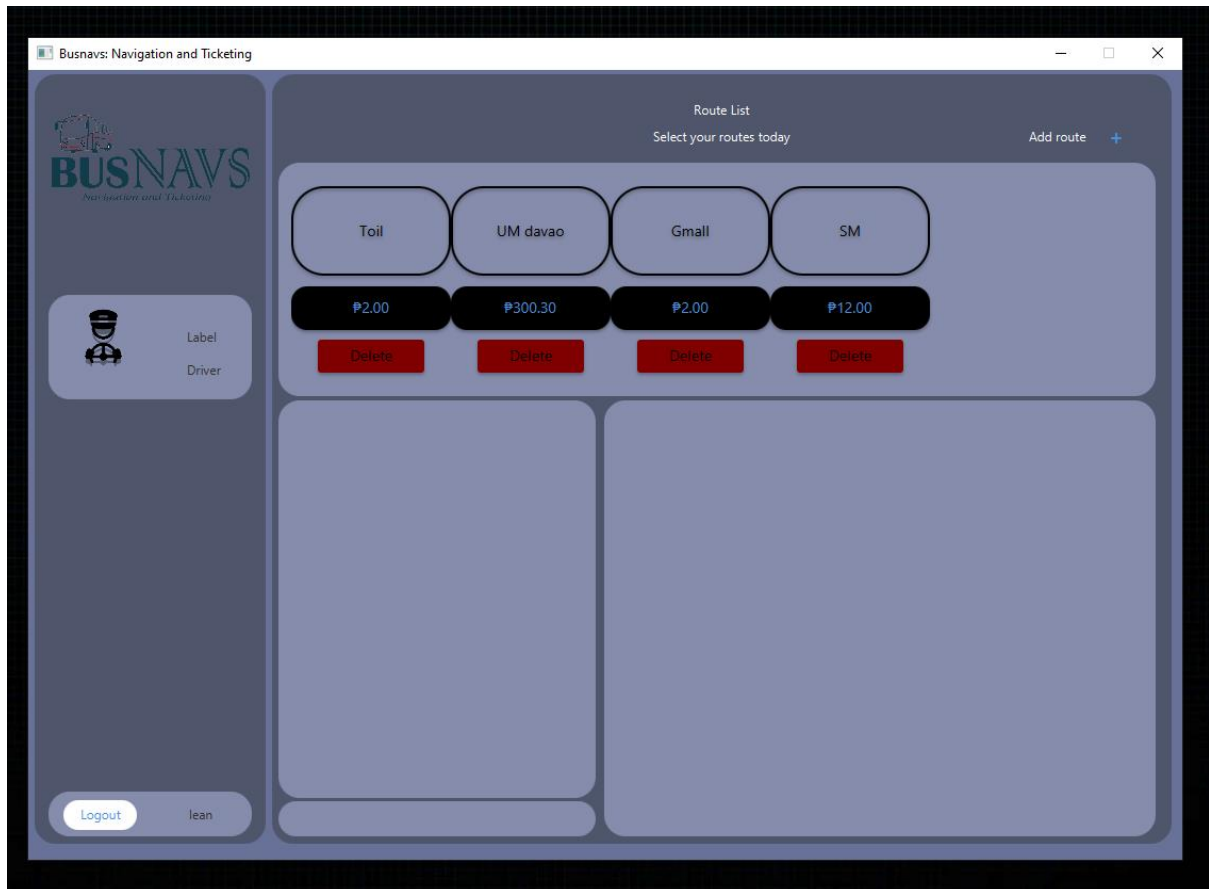


A screenshot of a web browser window titled "Busnavs: Navigation and Ticketing". The page displays a login and registration form. At the top left is a "Back" button. The form is a light blue rounded rectangle containing a large input field for "DRIVER ID". Below this field are two buttons: "Login" and "Register".

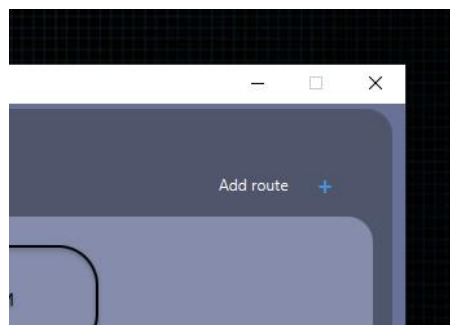


# C- CRUD DESIGN - Create

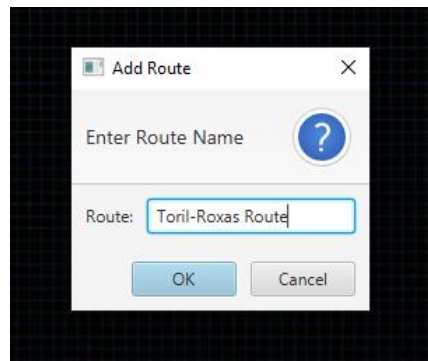
Create route with fare add as a button.



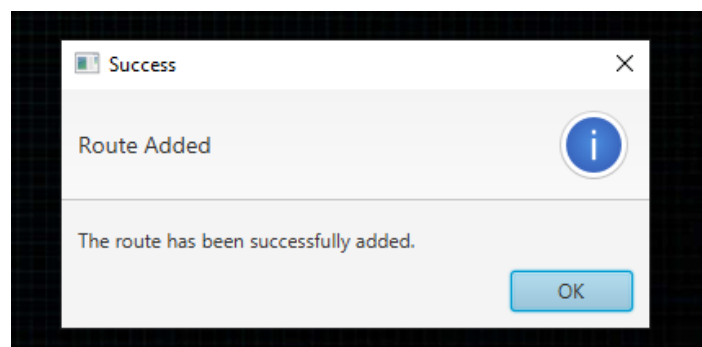
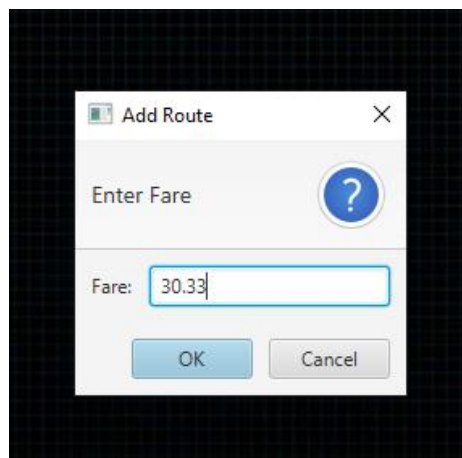
Plus, sign button to add the route.



The first option is the input dialog for the route name.

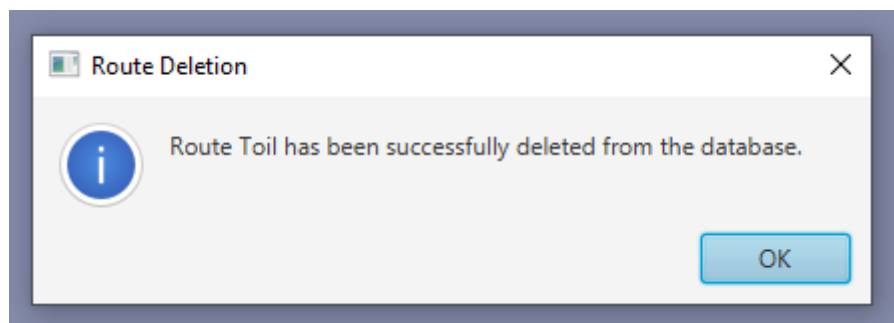
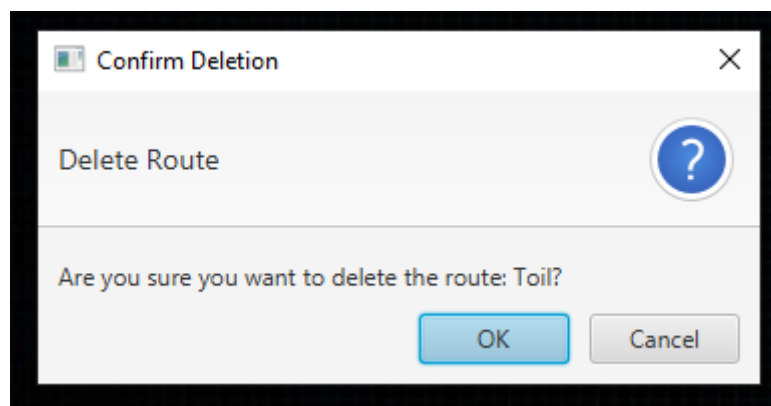
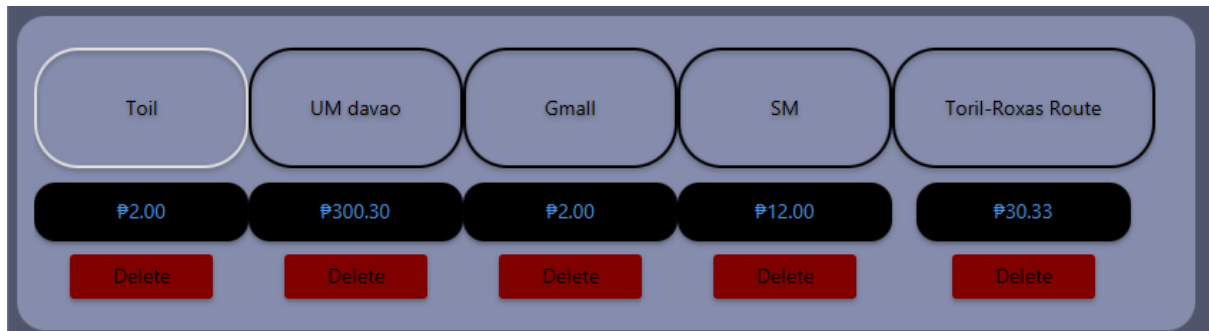


The second option is an input dialog that takes a fare with a decimal value.



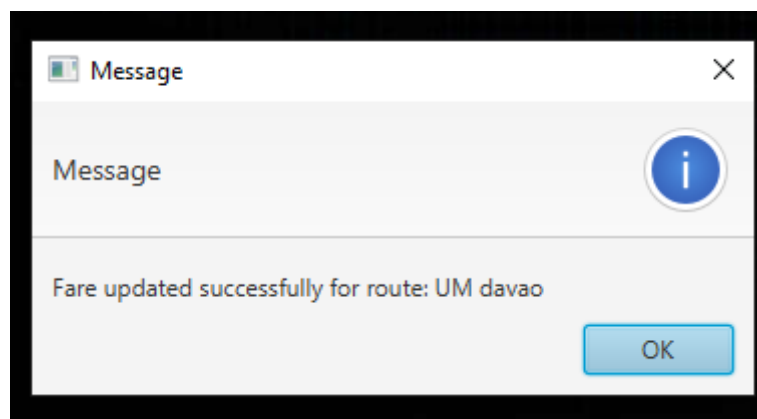
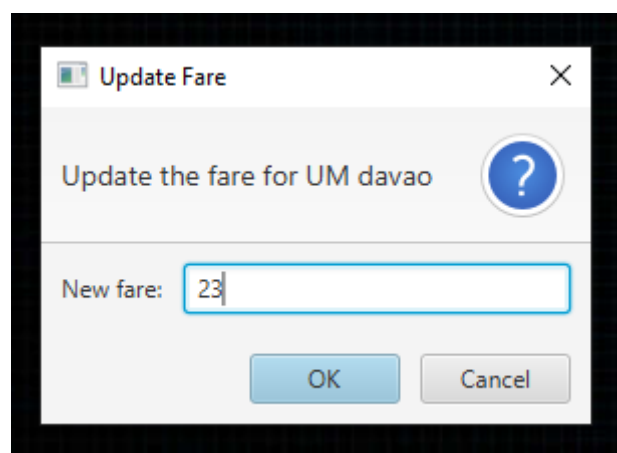
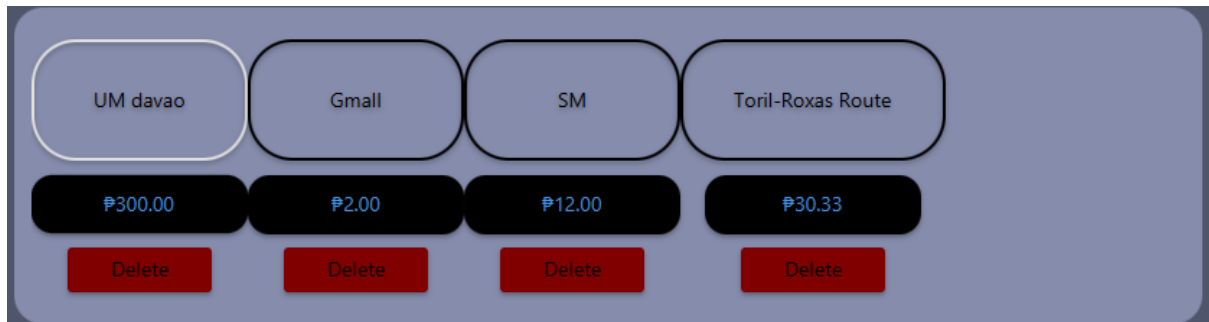
# CRUD DESIGN – Delete

Red Button with “delete” label.



# CRUD DESIGN – Update

Updating the value of fare (UM route with fare 300 to 23)



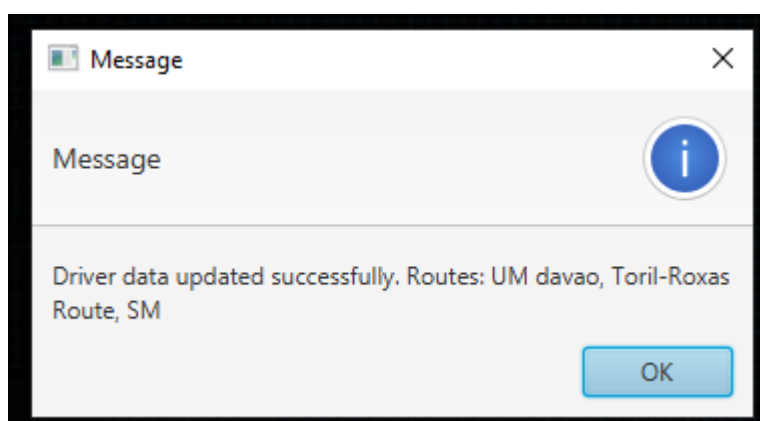
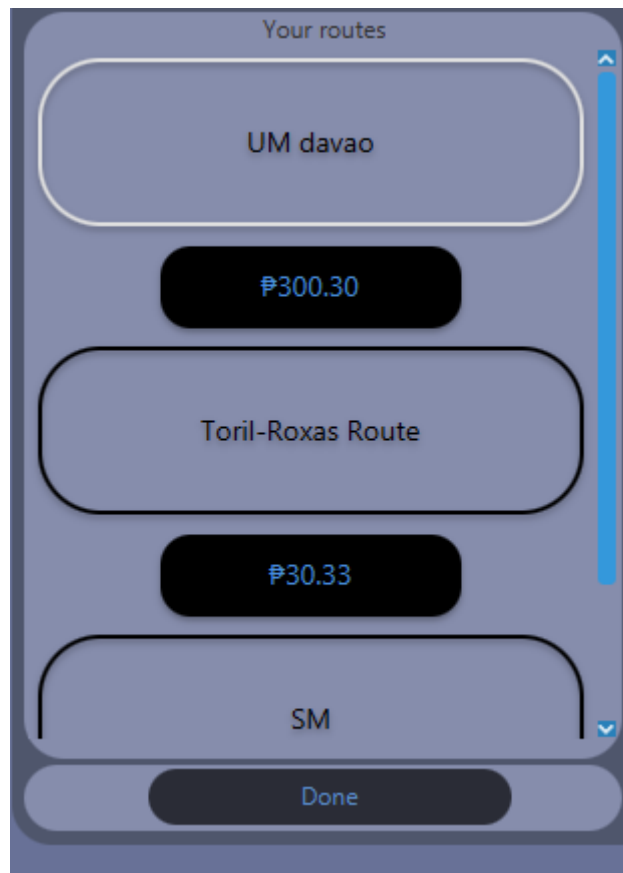
Value of fare after update





# CRUD DESIGN – Read

Clicking each button to select route and read the database.



## D - DATABASE DESIGN (DATA DICTIONARY)

### Driver Table

Field Names	Data Type	Length
PK – driver_id	Integer	3
Driver_name	Text	50

### Passenger Table

Field Names	Data Type	Length
PK – passenger_id	Integer	3
Passenger_name	Text	50

### Routes Table

Field Names	Data Type	Length
PK – route_id	Integer	3
FK – Route_name	Text	255
FK – fare	Decimal	10,2

### SelectedRoutes Table

Field Names	Data Type	Length
FK – Driver_name	Text	50
FK – Selected_route	Text	255
fare	Decimal	10,2

# Ticket Table

Field Names	Data Type	Length
PK – Ticket_id	Integer – Auto Increment	3
FK – Passenger_name	Text	50
FK – Driver_name	Text	50
FK – Route_name	Text	255
FK – fare	Decimal	10, 2

# E – ENTITY RELATIONSHIP DIAGRAM

