

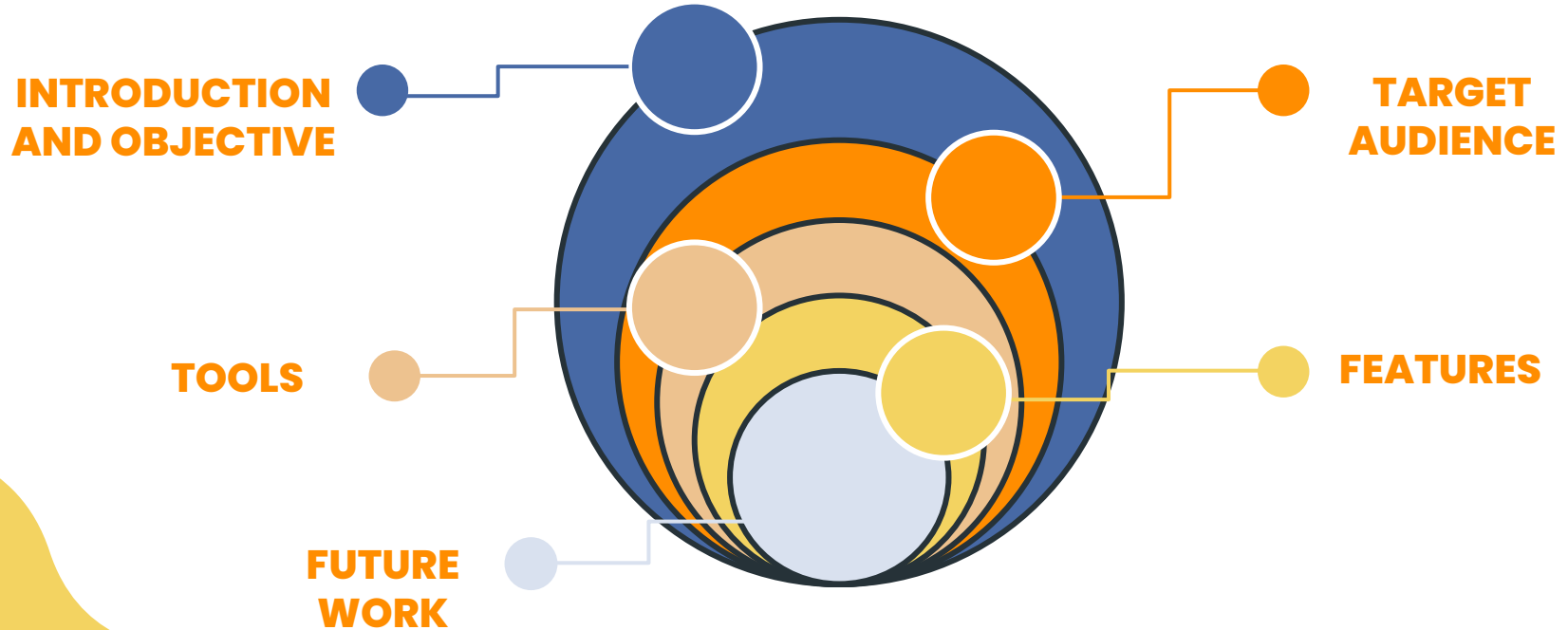
Let's GO!

Supervisor: Dr. Samer Arandi

Students:
Alaa Ajaj & Zena Barboor



OUTLINE





INTRODUCTION AND OBJECTIVE

Trips Planning & Real Time Tracking for Buses:

- 2 Apps:
 - Passengers App
 - Drivers App
- Website:
 - Managers Website

TARGET AUDIENCE



DRIVERS

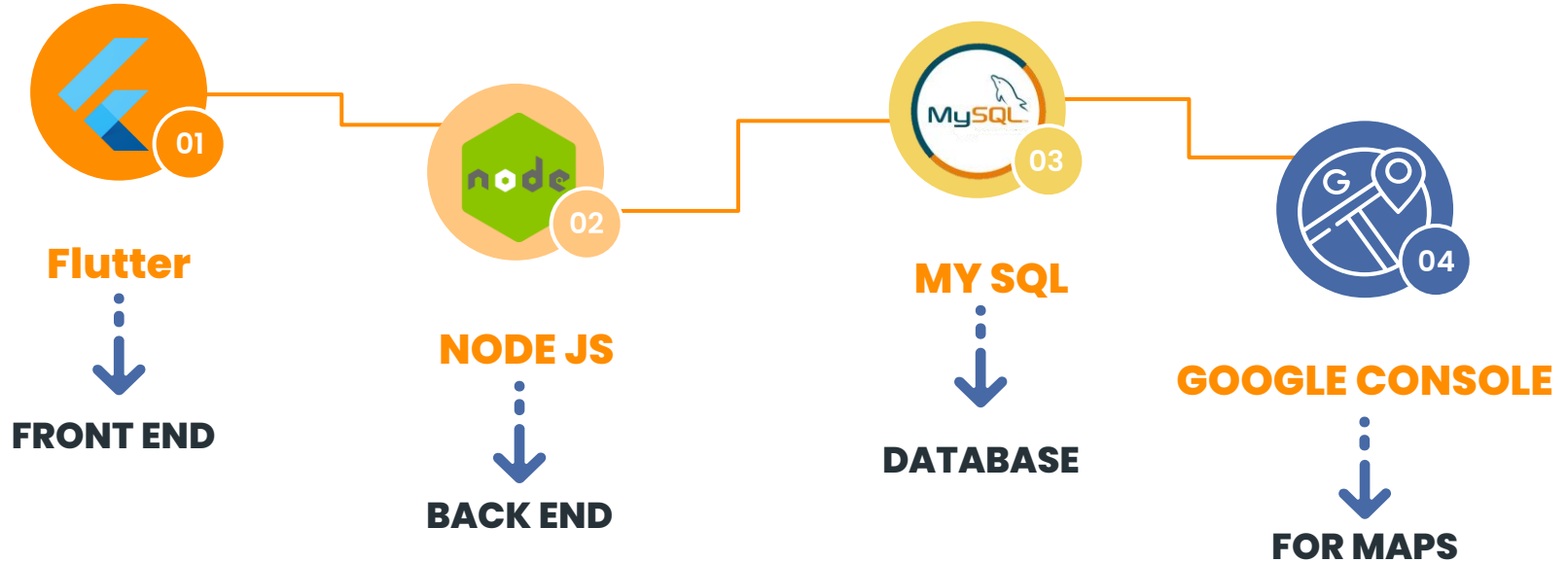


PASSENGERS

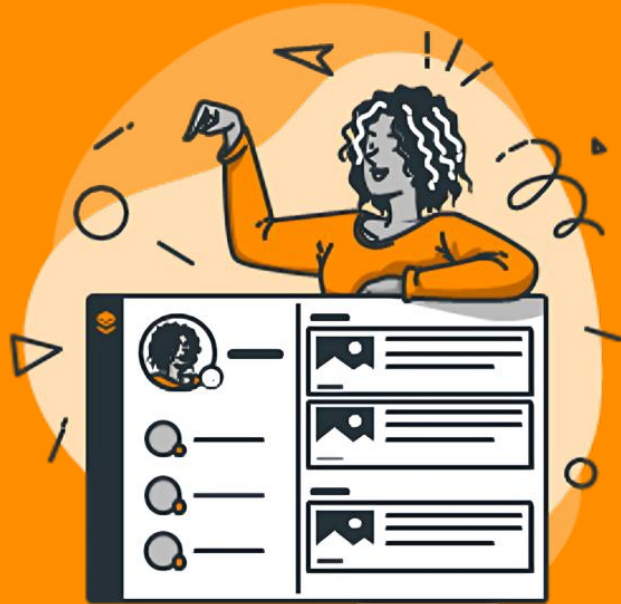


MANAGERS

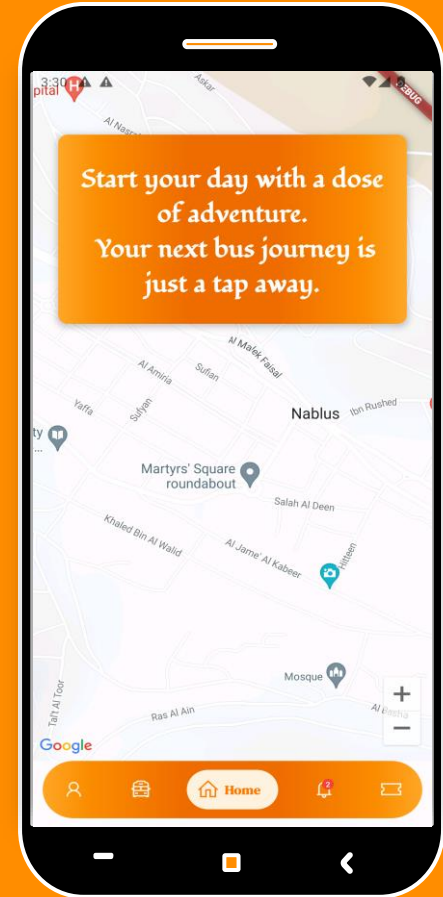
TOOLS



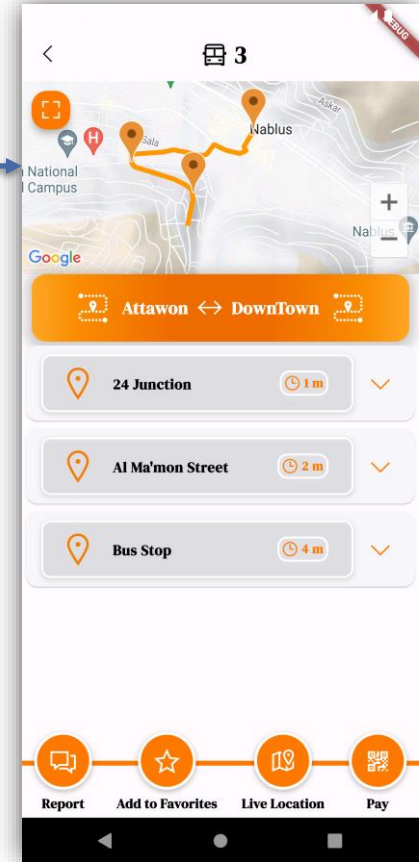
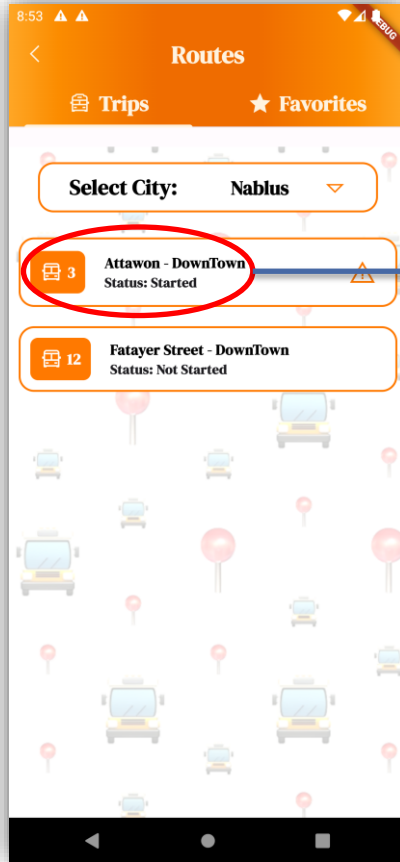
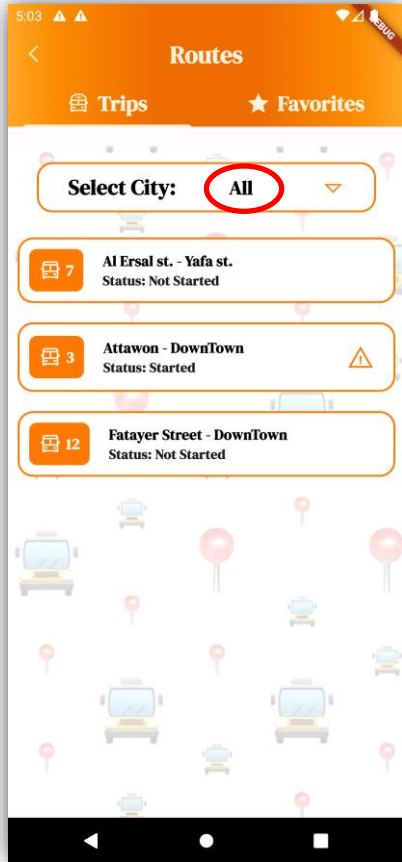
FEATURES



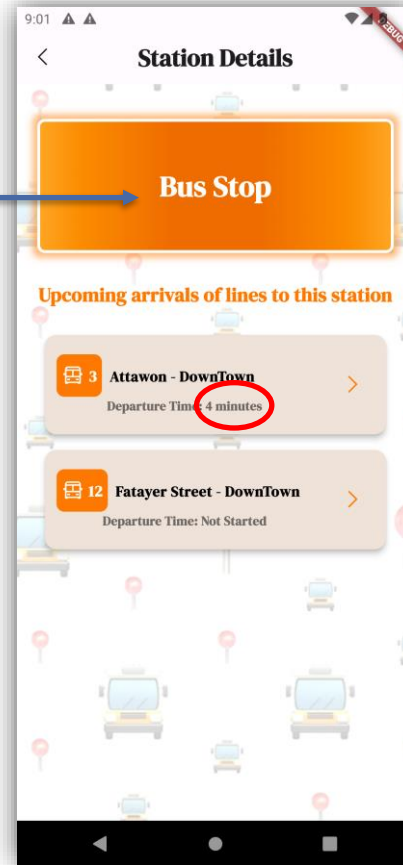
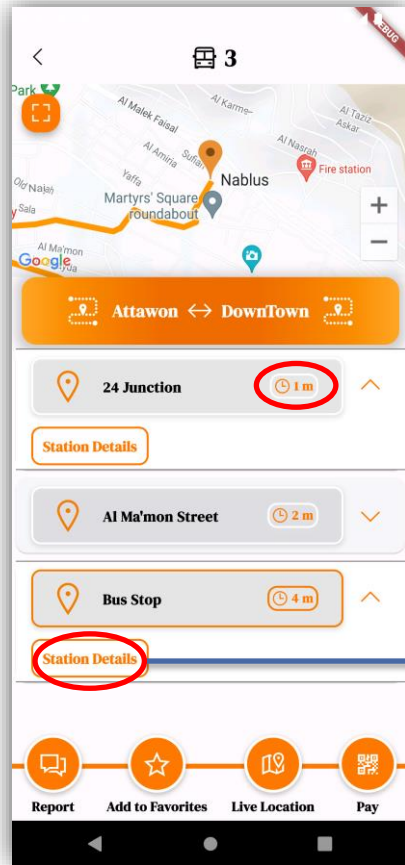
USER MOBILE APP



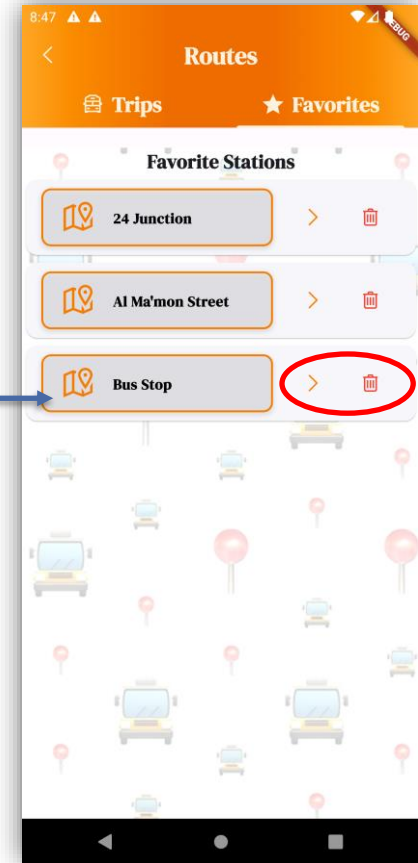
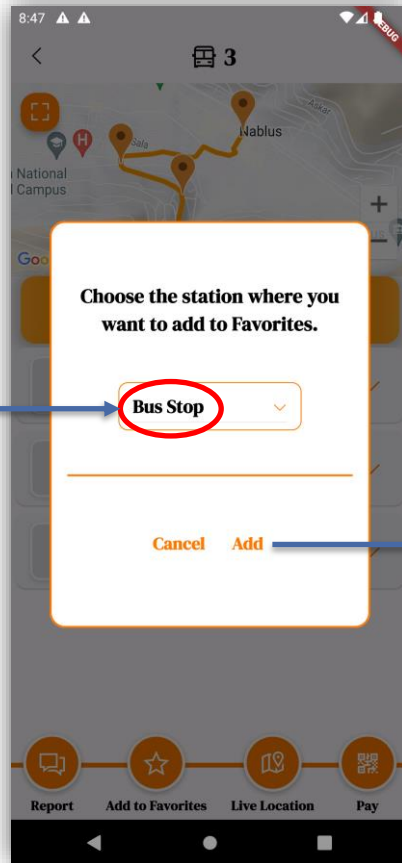
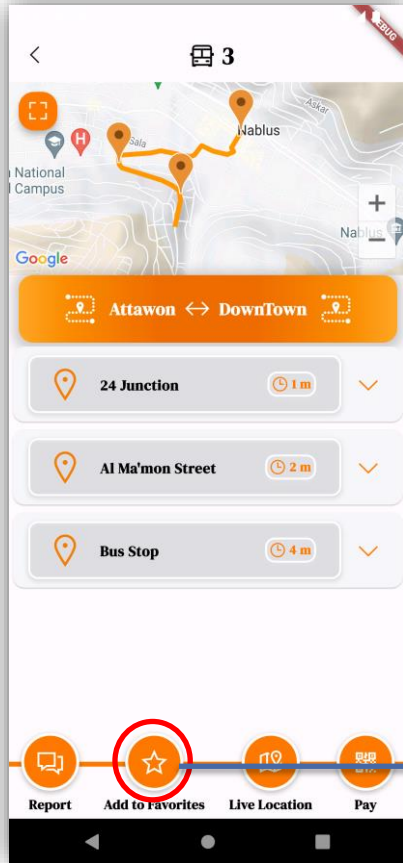
TRIPS VIEW



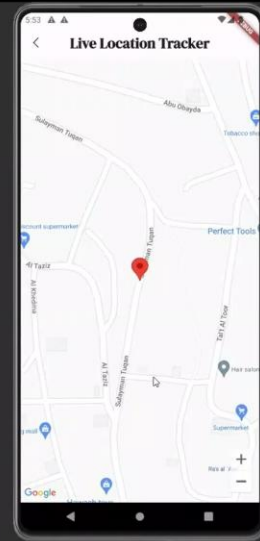
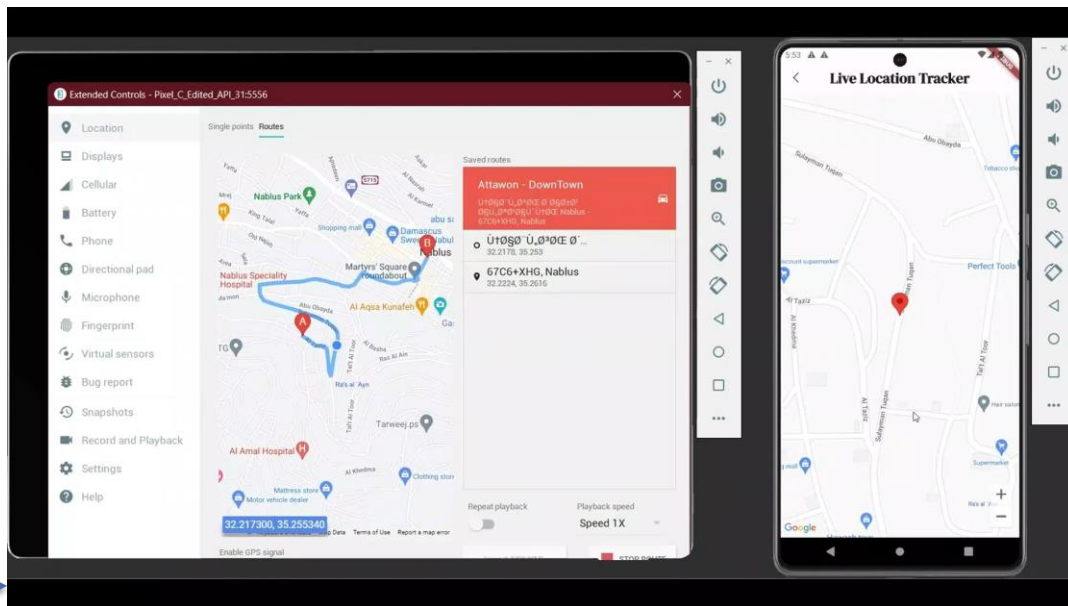
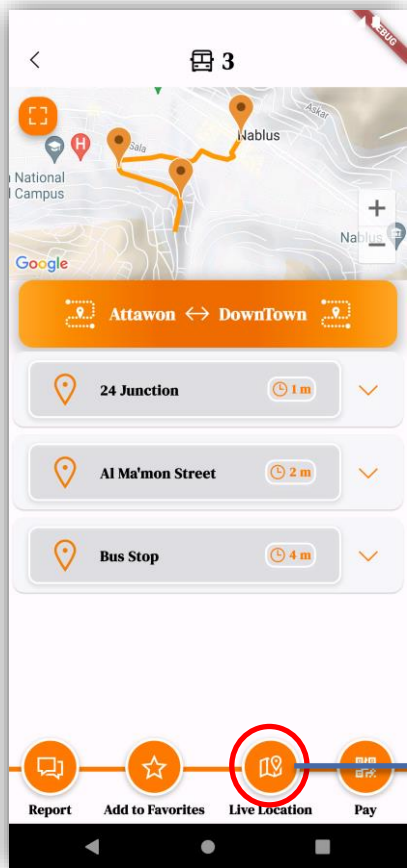
TRIP TRACKING



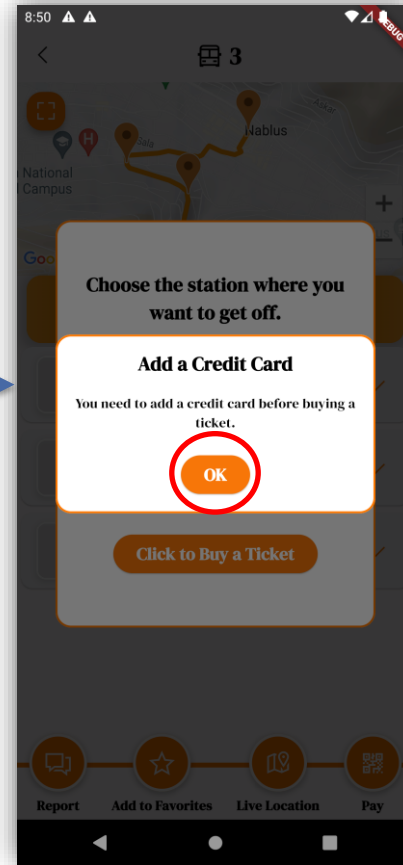
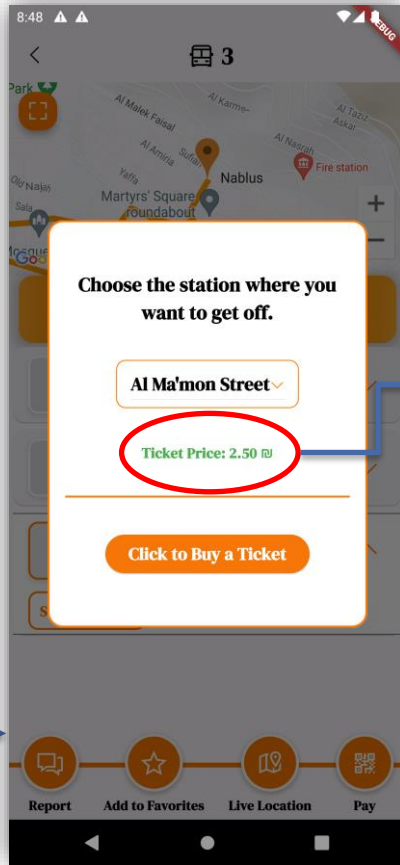
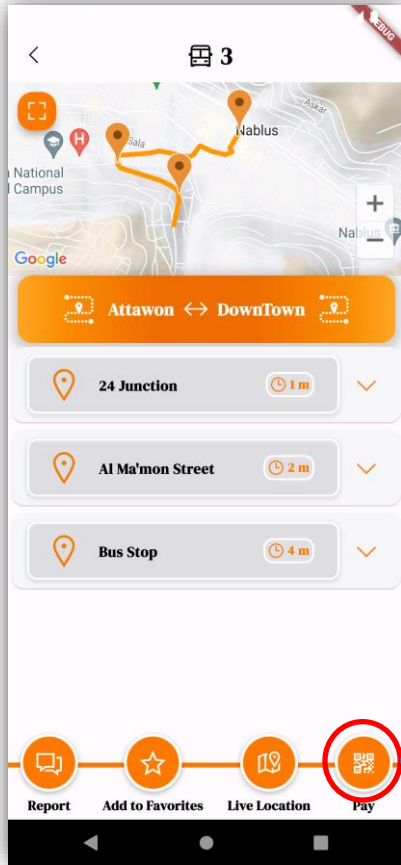
ADD FAVORITES STATIONS



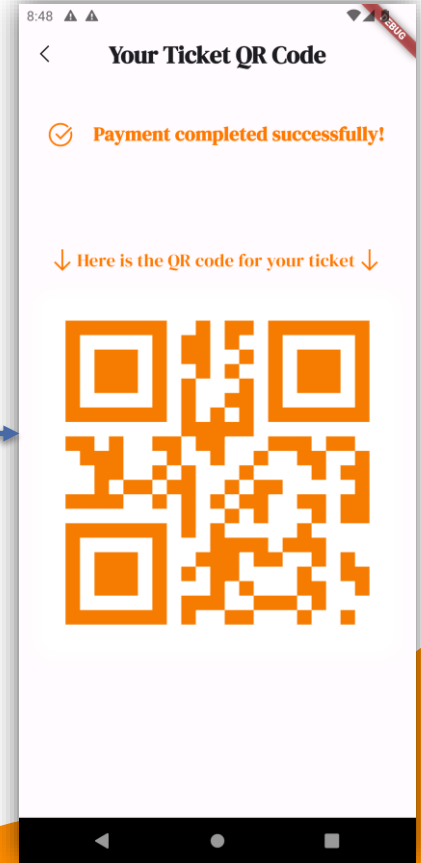
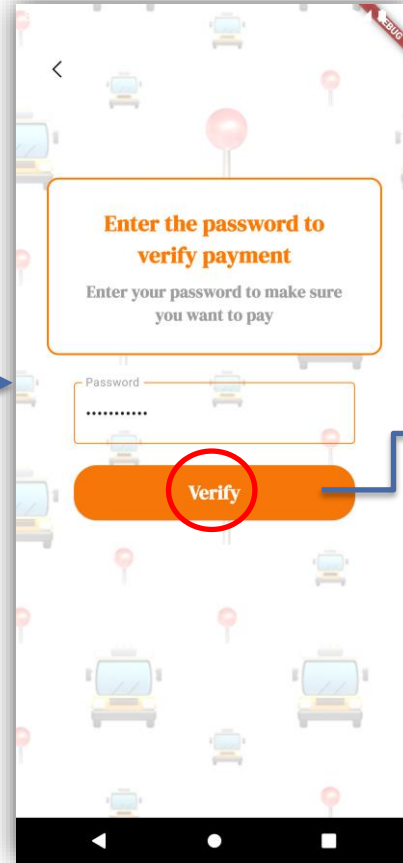
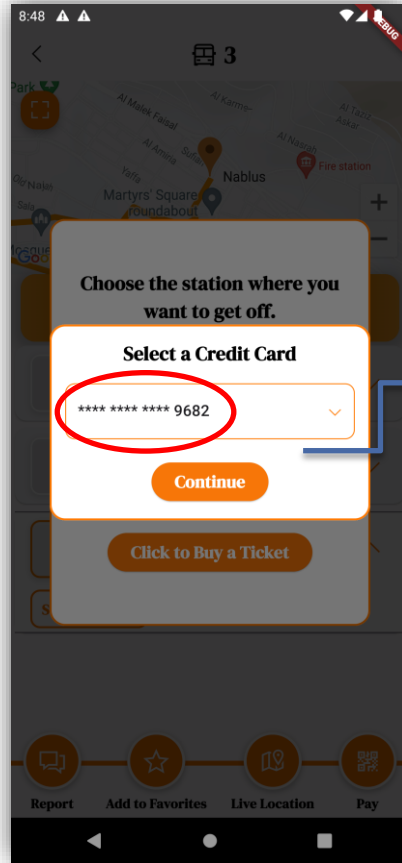
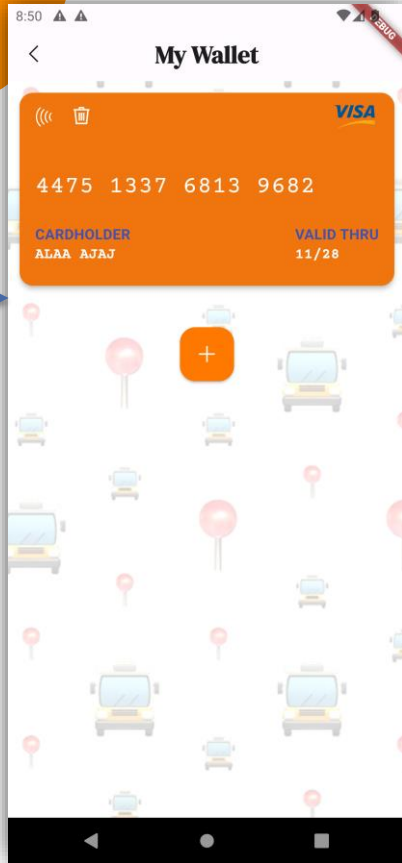
LIVE LOCATION



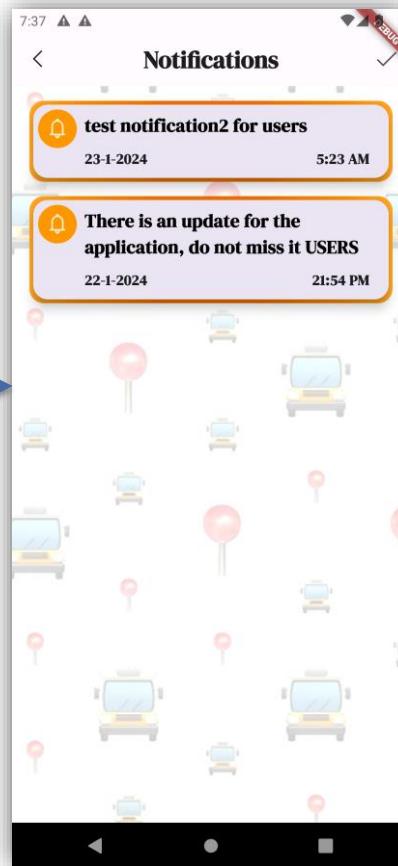
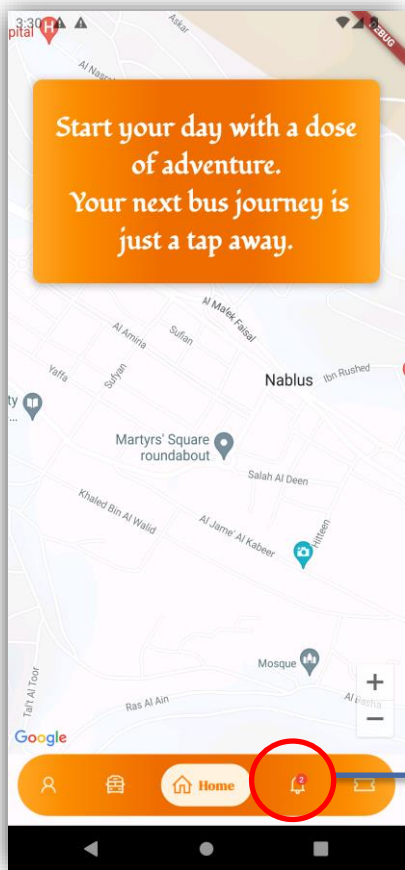
BUY A TICKET



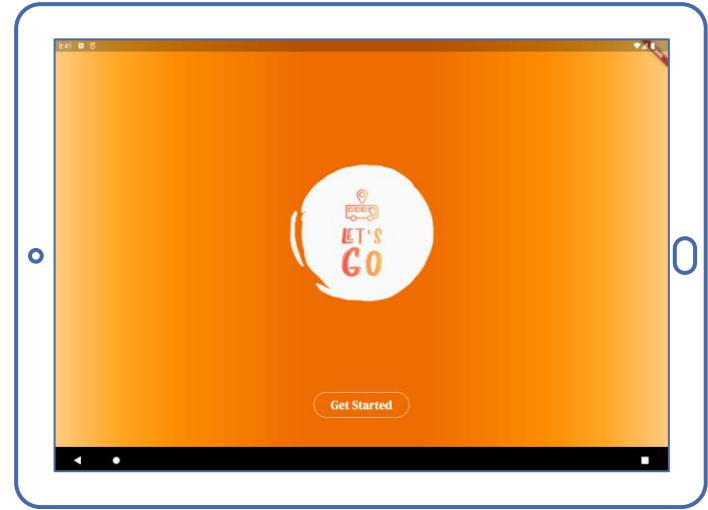
BUY A TICKET



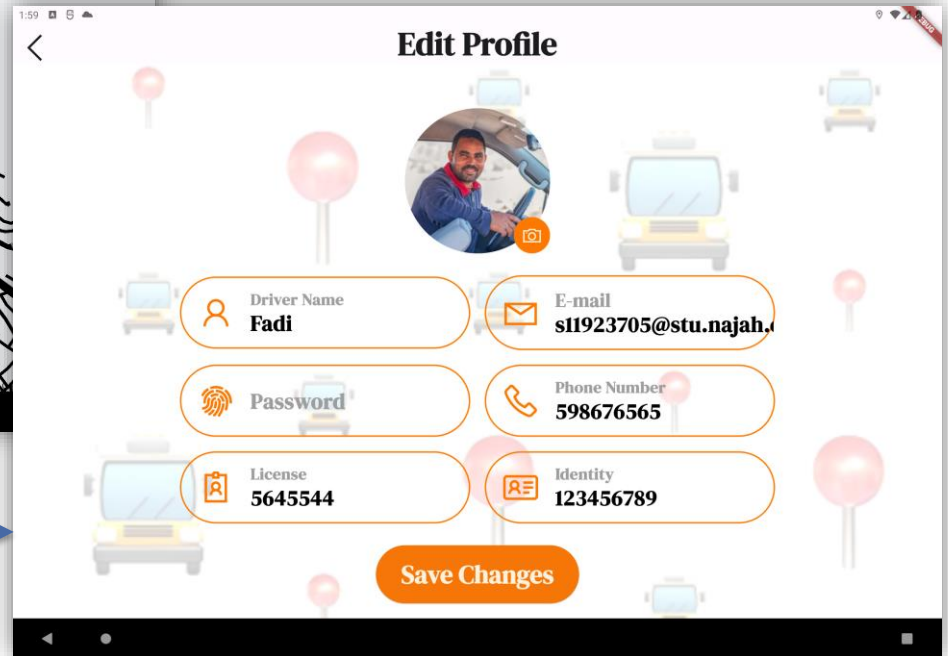
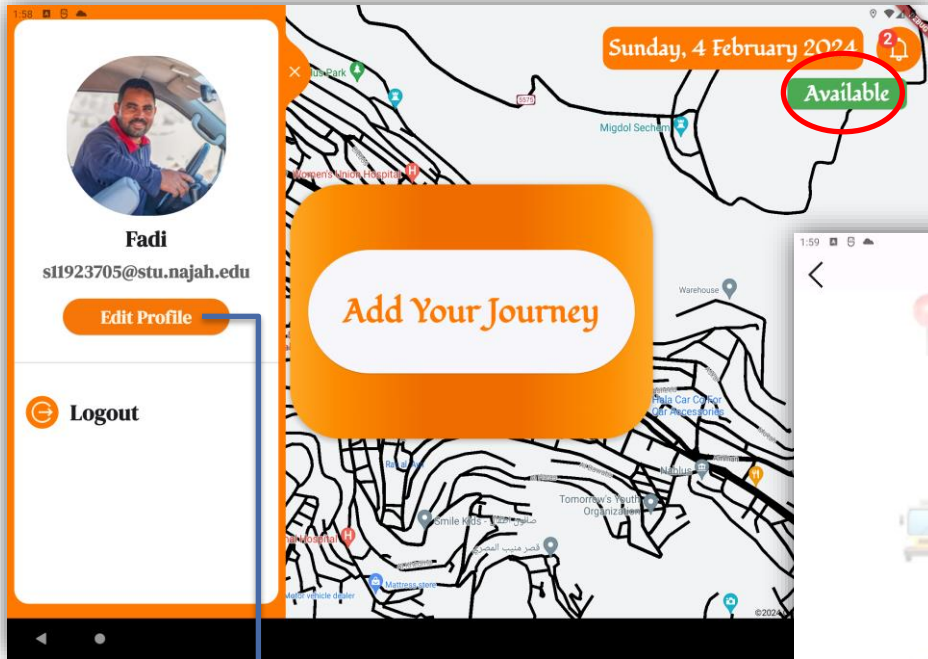
NOTIFICATIONS

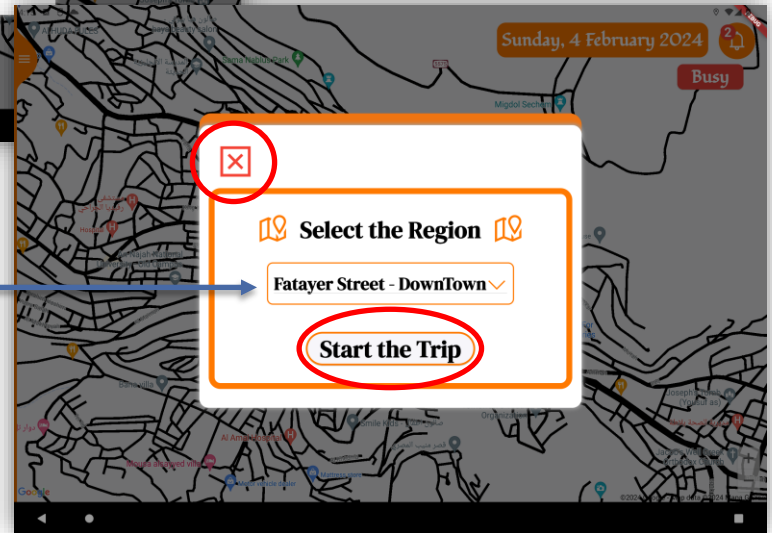
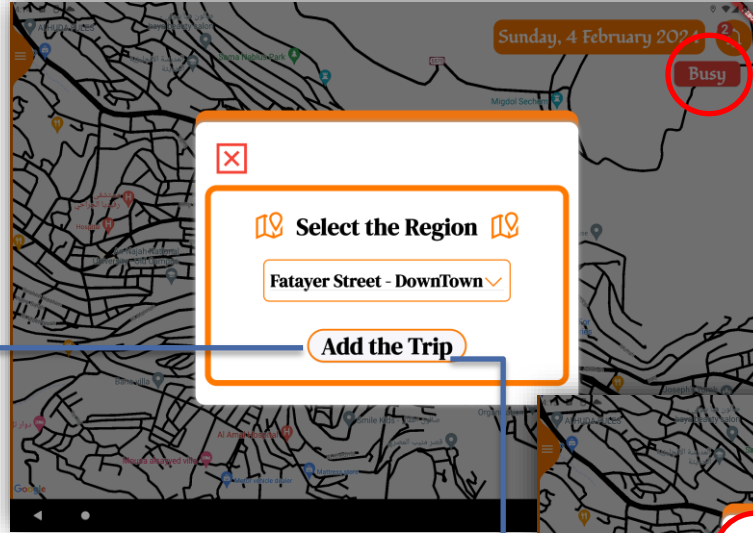


DRIVER TAPLET APP



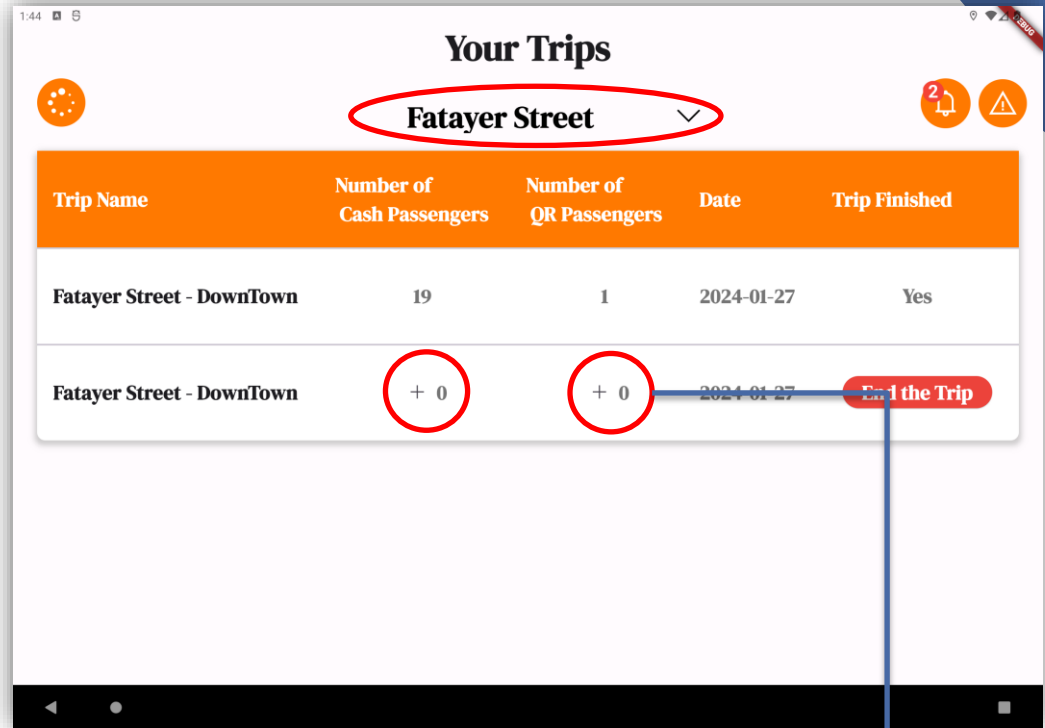
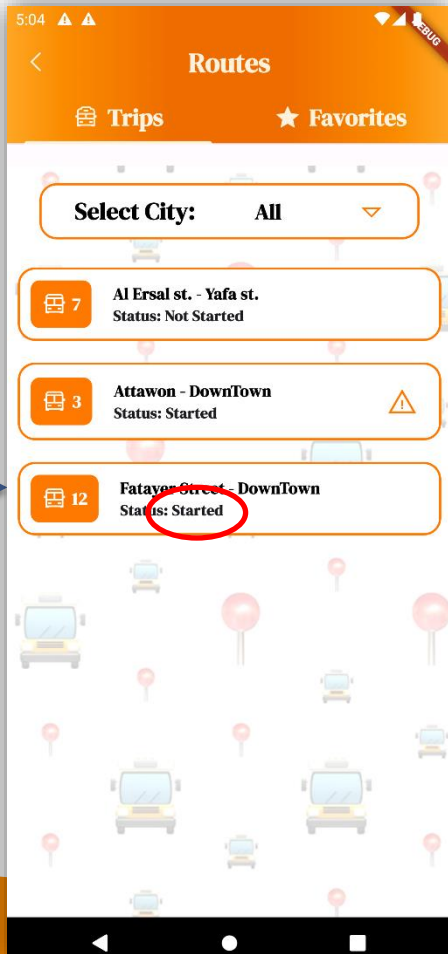
DRIVER PROFILE



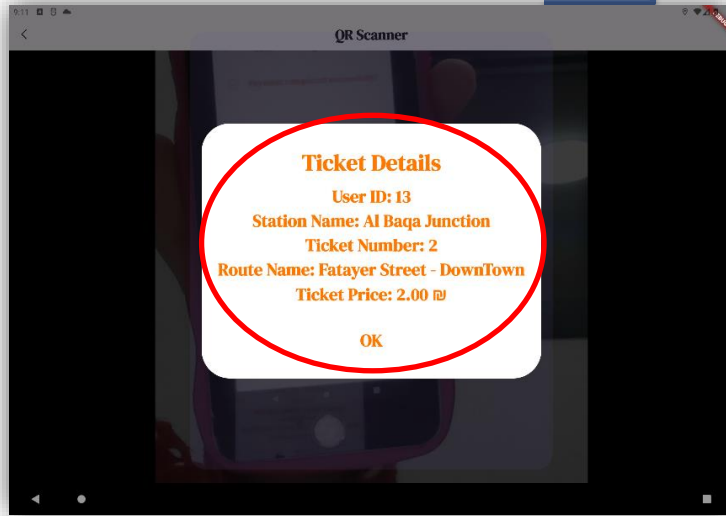


Add A Trip But Not Started Yet

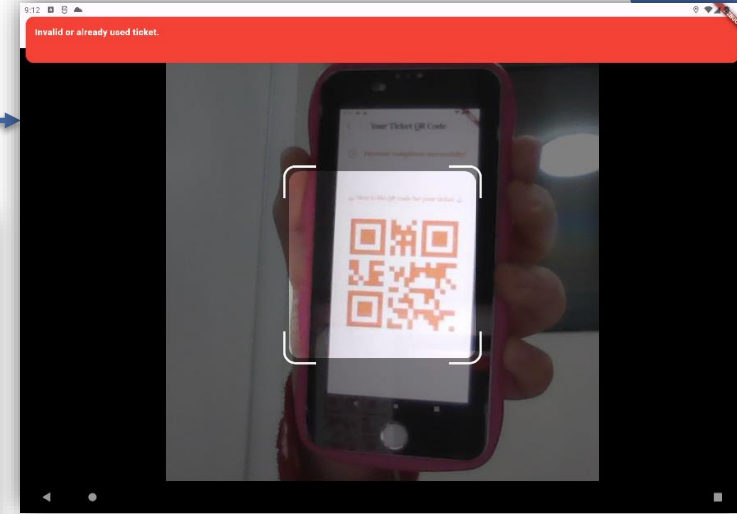
CURRENT TRIP



QR SCANNING

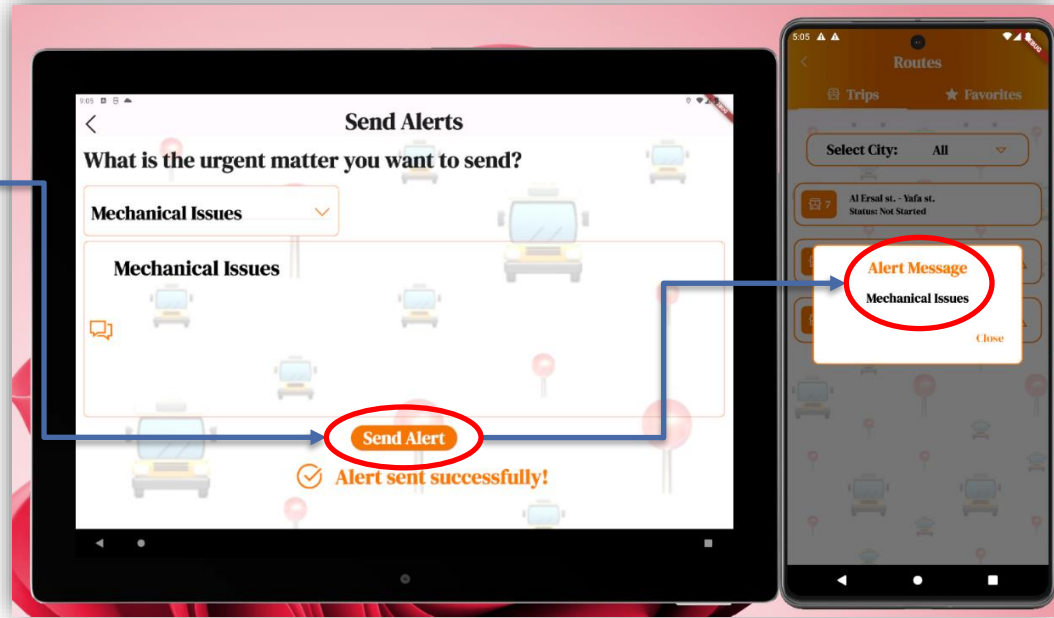
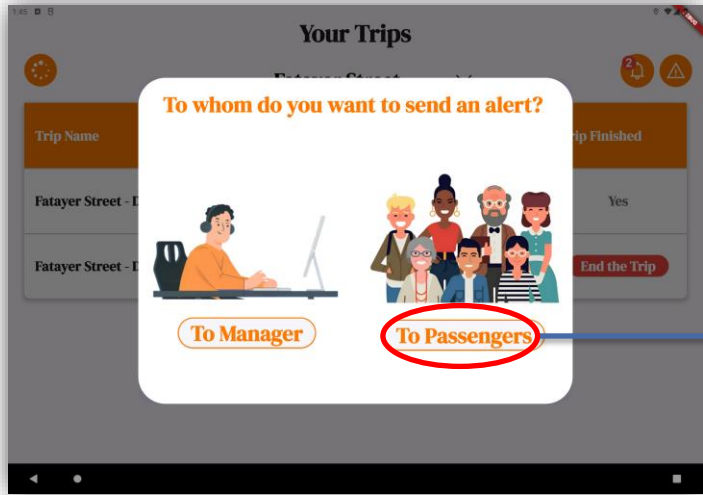


First Scan Of The QR Code

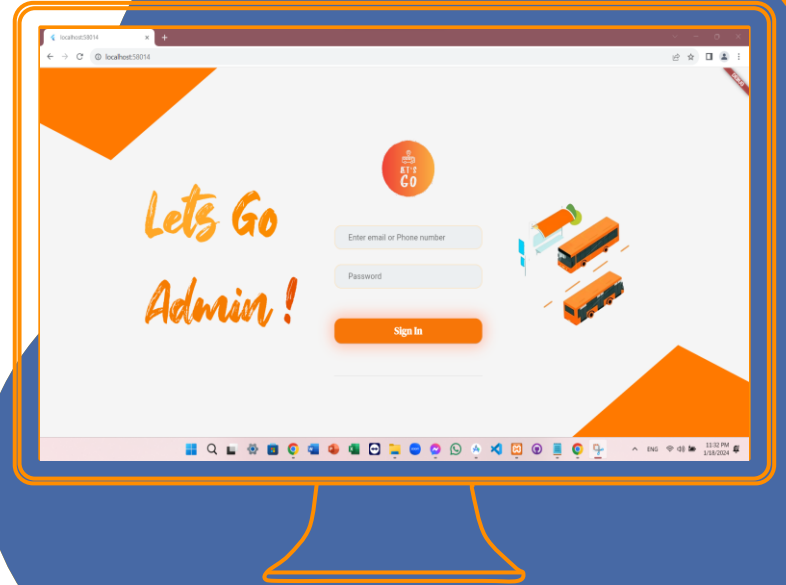


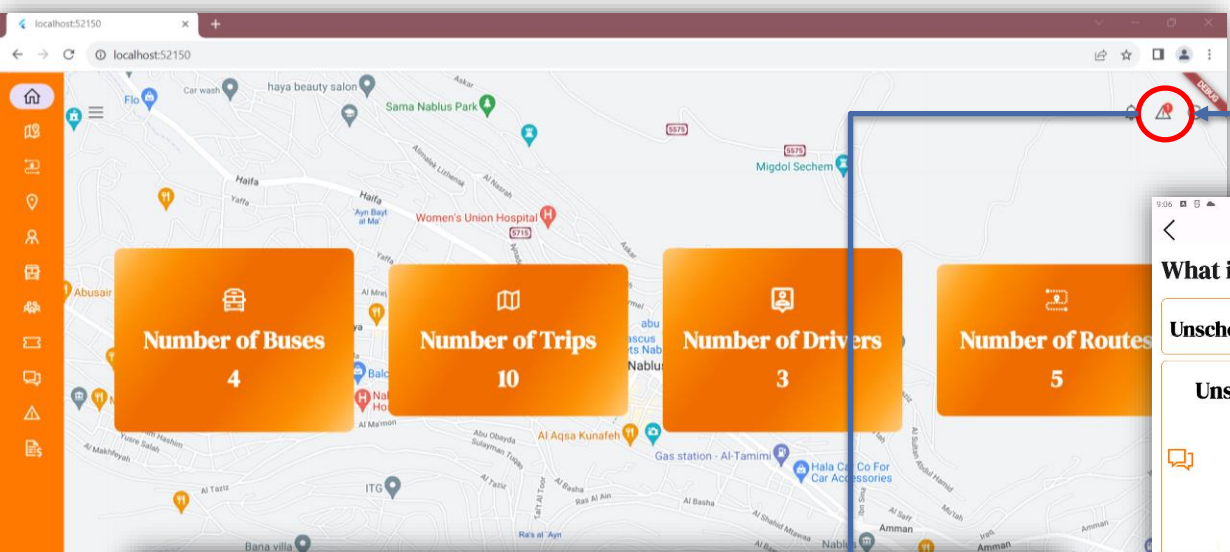
Reject It Because It Was Scanned Before

ALERTS SYSTEM



ADMIN WEBSITE





Send Alerts

What is the urgent matter you want to send?

Unscheduled Stop

Unscheduled Stop

Send Alert

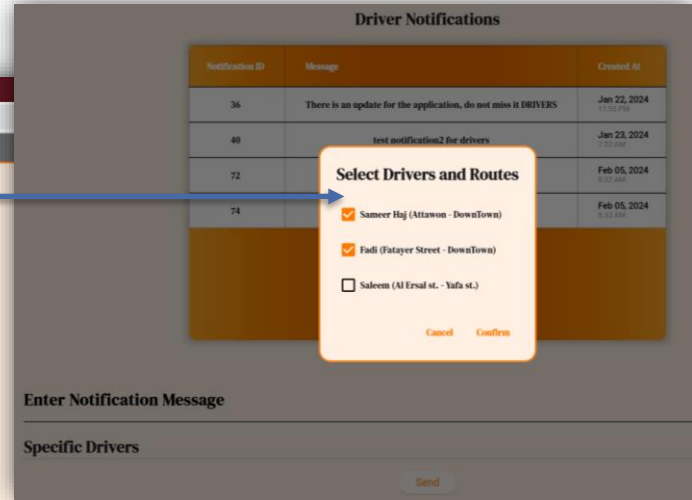
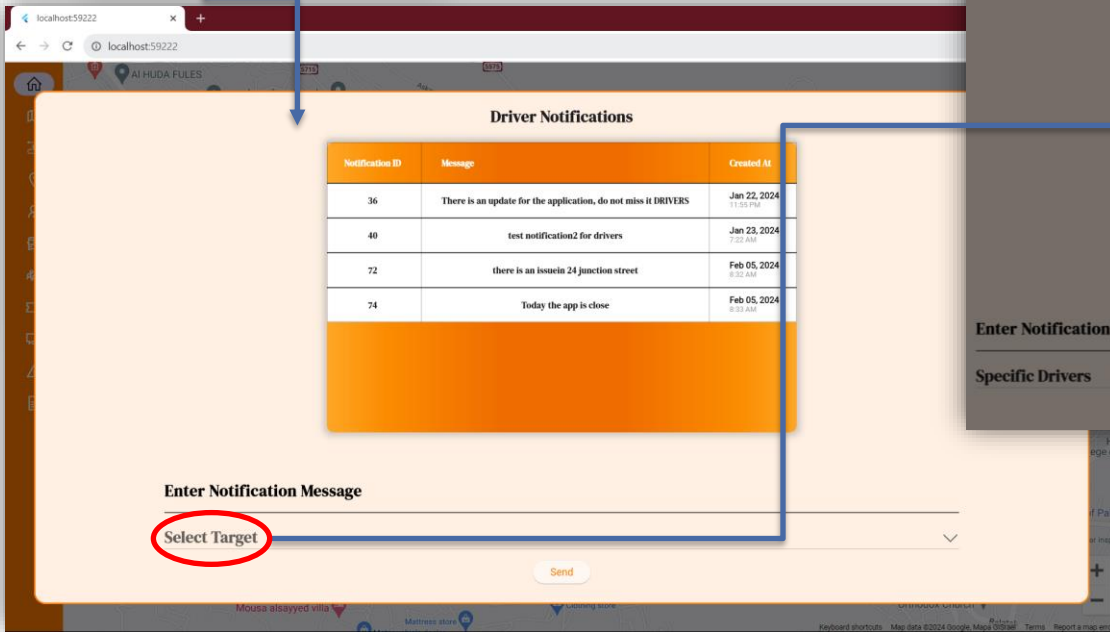
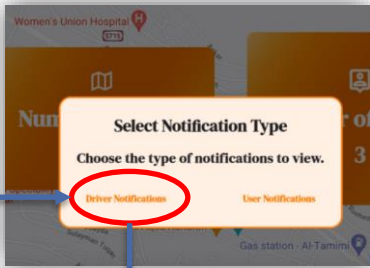
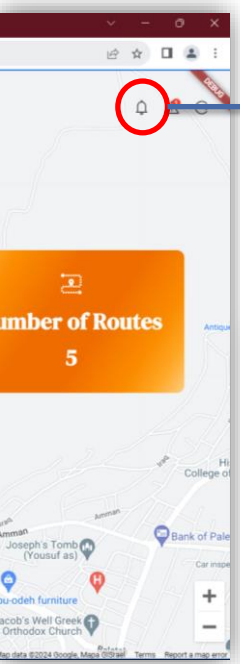
Alert sent successfully!

Alerts

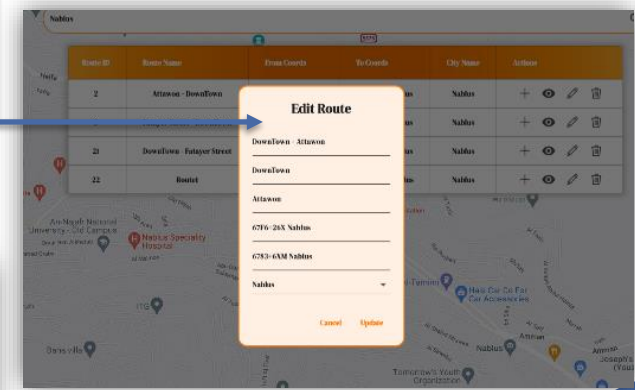
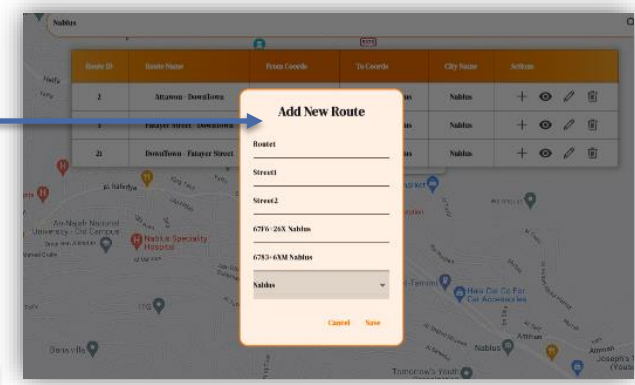
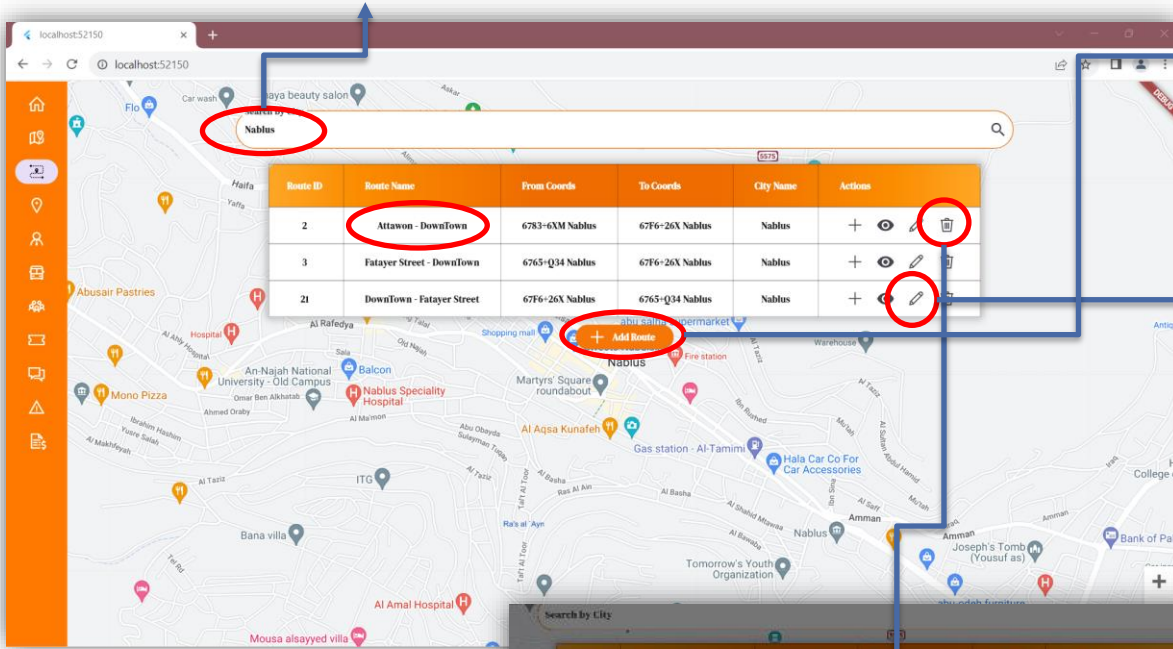
<p>Unscheduled Stop</p> <p>Trip #: 36</p> <p>Route: Fatayer Street - Downtown</p> <p>Driver: Fadi</p> <p>Bus Number: 6547968</p> <p>28-4-2024</p>	7:26 AM
<p>Delay in Schedule</p> <p>Trip #: 53</p> <p>Route: Attawun - Downtown</p> <p>Driver: Julia Steve</p> <p>Bus Number: 344537</p> <p>23-4-2024</p>	5:21 AM
<p>Request for Assistance</p> <p>Trip #: 47</p> <p>Route: Attawun - Downtown</p> <p>Driver: Sami</p> <p>Bus Number: 123456</p> <p>22-4-2024</p>	10:46 PM

Receiving Alerts From Drivers

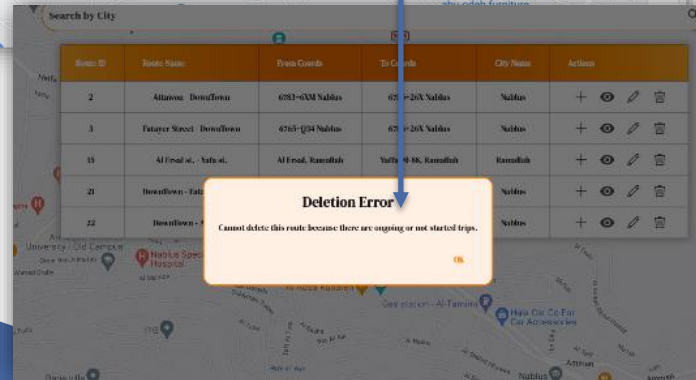
Sending Notifications To All Users And Drivers Also To Specific Drivers



He Can Search For Routes By City



He Cannot Delete A Route For A Trip That Has Already Started



Admin Can Adding, Editing and Deleting Routes

Route ID	Route Name	From Coords	To Coords	City Name	Actions
2	Attawon - DownTown	6783-6XM Nablus	67F6-26X Nablus	Nablus	+ [eye] [pencil] [trash]
3	Fatayer Street - DownTown	6765-Q34 Nablus	67F6-26X Nablus	Nablus	+ [eye] [pencil] [trash]
21	DownTown - Fatayer Street	67F6-26X Nablus	6765-Q34 Nablus	Nablus	+ [eye] [pencil] [trash]
22	Route1	6783-6XM Nablus	67F6-26X Nablus	Nablus	+ [eye] [pencil] [trash]

Add Station to Route

Bus Stop

Name

Address

Cancel Save

Bus Stop

Al Ma'mon Street

Cancel Save

He Can Also Add Existing Stations To Each Root, Arrange Them According To The Sequence Number, Display, And Delete Them From The Root

Ticket ID	User Name	Route Name	Station Name	Ticket Price	Ticket Number
1	Alaa Ajaj	Attawon - DownTown	Al Ma'mon Street	2.500	1
2	Alaa Ajaj	Attawon - DownTown	Bus Stop	3.000	2
4	ZenaEmad	Attawon - DownTown	Bus Stop	3.000	1
5	ZenaEmad	Attawon - DownTown	Al Ma'mon Street	2.500	2
7	Alaa Ajaj	Attawon - DownTown	Al Ma'mon Street	2.500	3
3	Walaaj	Fatayer Street - DownTown	Ta'f Al Toor	2.000	1
6	MeraSamer	Fatayer Street - DownTown	Fatayer Street	3.000	1

Select date

Sun, Jan 28

January 2024

17

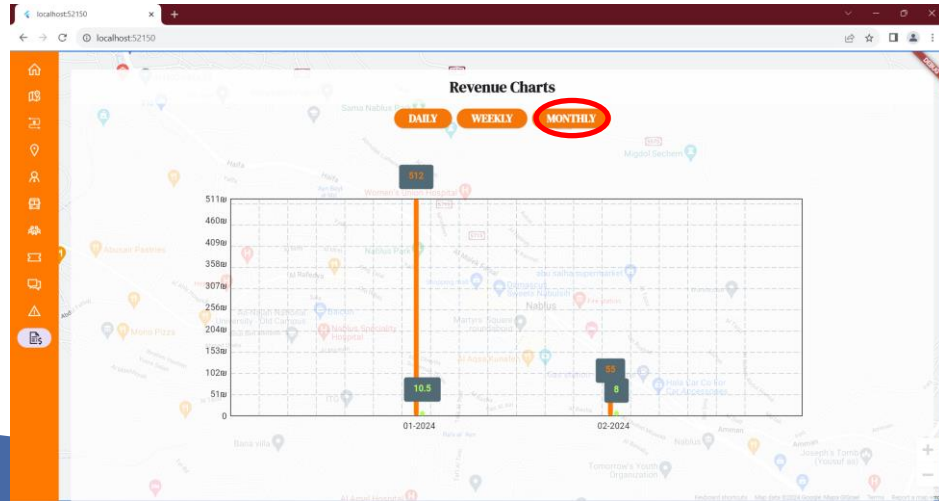
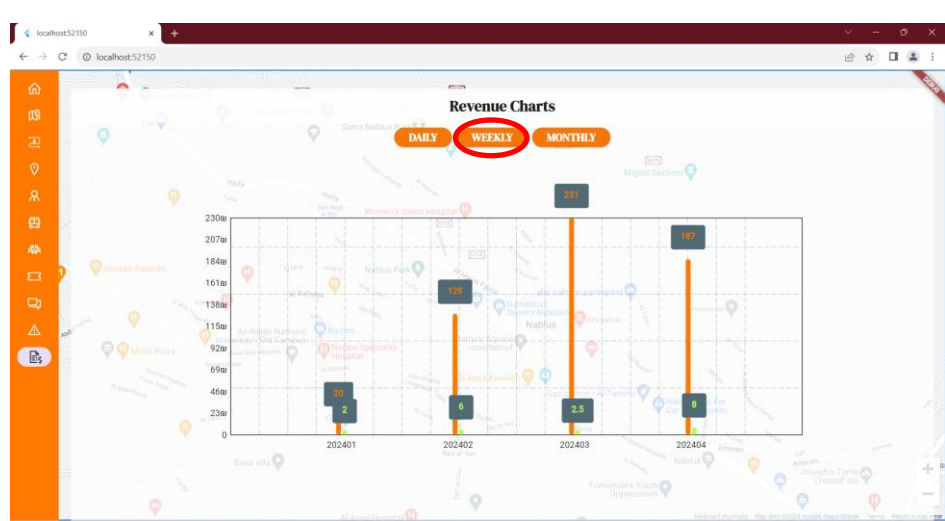
Cancel OK

Ticket ID	User Name	Route Name	Station Name	Ticket Price	Ticket Number
4	ZenaEmad	Attawon - DownTown	Bus Stop	3.000	1

Select Date

Total Price: 3.000

Displaying Tickets And Total Price By Selected Date



localhost:52150

Search by City

Trip Number	Route Name	Driver Name	Bus Number	Start Date	Start Time	End Date	End Time	Total Passengers	QR Passengers	Status
1	Fatayer Street - Downtown	Sameer Haj	123456	2024-08-06	12:23:46	2024-08-06	13:23:46	25	15	Finished
3	Attawon - Downtown	Sameer Haj	344537	2024-01-16	08:05:20	2024-01-16	09:08:05	30	5	Finished
5	Fatayer Street - Downtown	Sameer Haj	344537	2024-01-17	09:46:04	2024-01-17	10:58:43	35	7	Finished
45	Fatayer Street - Downtown	Subem	123245	2024-01-21	15:20:27	2024-01-21	16:47:43	25	1	Finished
47	Attawon - Downtown	Subem	123456	2024-01-21	18:07:39	2024-01-21	20:33:44	26	2	Finished
49	Al Erad rd. - Yafa st.	Subem	123245	2024-01-21	18:35:57			0	0	Not Started
53	Attawon - Downtown	Sameer Haj	344537	2024-01-22	07:40:49	2024-01-21	18:45:30	30	2	Finished
56	Fatayer Street - Downtown	Fadi	6545698	2024-01-27	05:03:31	2024-01-27	07:13:50	20	1	Finished
58	Fatayer Street - Downtown	Fadi	6545698	2024-01-27	10:00:56	2024-01-27	11:53:56	28	1	Finished
64	Attawon - Downtown	Sameer Haj	344537	2024-02-02	08:34:54			22	3	Started

localhost:52150

Search by City

Station ID	Station Name	Latitude	Longitude	City Name	Ticket Price	Actions
1	Bus Stop	32.222099	35.266665	Nablus	3.00 m	
2	Al Maloun Street	32.229221	35.230226	Nablus	2.50 m	
3	24 Junction	32.217975	35.255433	Nablus	2.00 m	
9	Fatayer Street	32.21899	35.257673	Nablus	3.00 m	
10	Al Baqa Junction	32.21904	35.255334	Nablus	2.00 m	
11	Ta'a Al Tour	32.21842	35.25636	Nablus	2.00 m	
12	Al Busha Street	32.21821	35.256649	Nablus	2.50 m	
13	Omar Ben Alkhatib	32.220790	35.255481	Nablus	2.00 m	

+ Add Station

localhost:52150

ID	Name	Email	Monthly	License	Status	Actions
2	Subem	subem@gmail.com	40729425	326284	Busy	
3	Sameer Haj	Sameer@gmail.com	40729344	437274	Busy	
12	Fadi	40923705@ta.najah.edu	123456789	5645344	Busy	

+ Add Driver

localhost:52150

Bus ID	Bus Number	Driver Name	Actions
3	344537	Sameer Haj	
7	123245	Subem	
8	123456	Lukawna	
12	6545698	Fadi	

+ Add Bus

Future Work



01

Integration With Local Infrastructure:

Partner with local authorities for system integration, real-time traffic updates, and public transport connections.

02

Diverse Payment Options:

Include various payment methods. Offer monthly passes or subscriptions.

03

Enhanced Accessibility:

Improve app accessibility with disability-friendly features, multi-language support, and easy-to-use design for all ages.

