Park Now

Done by:

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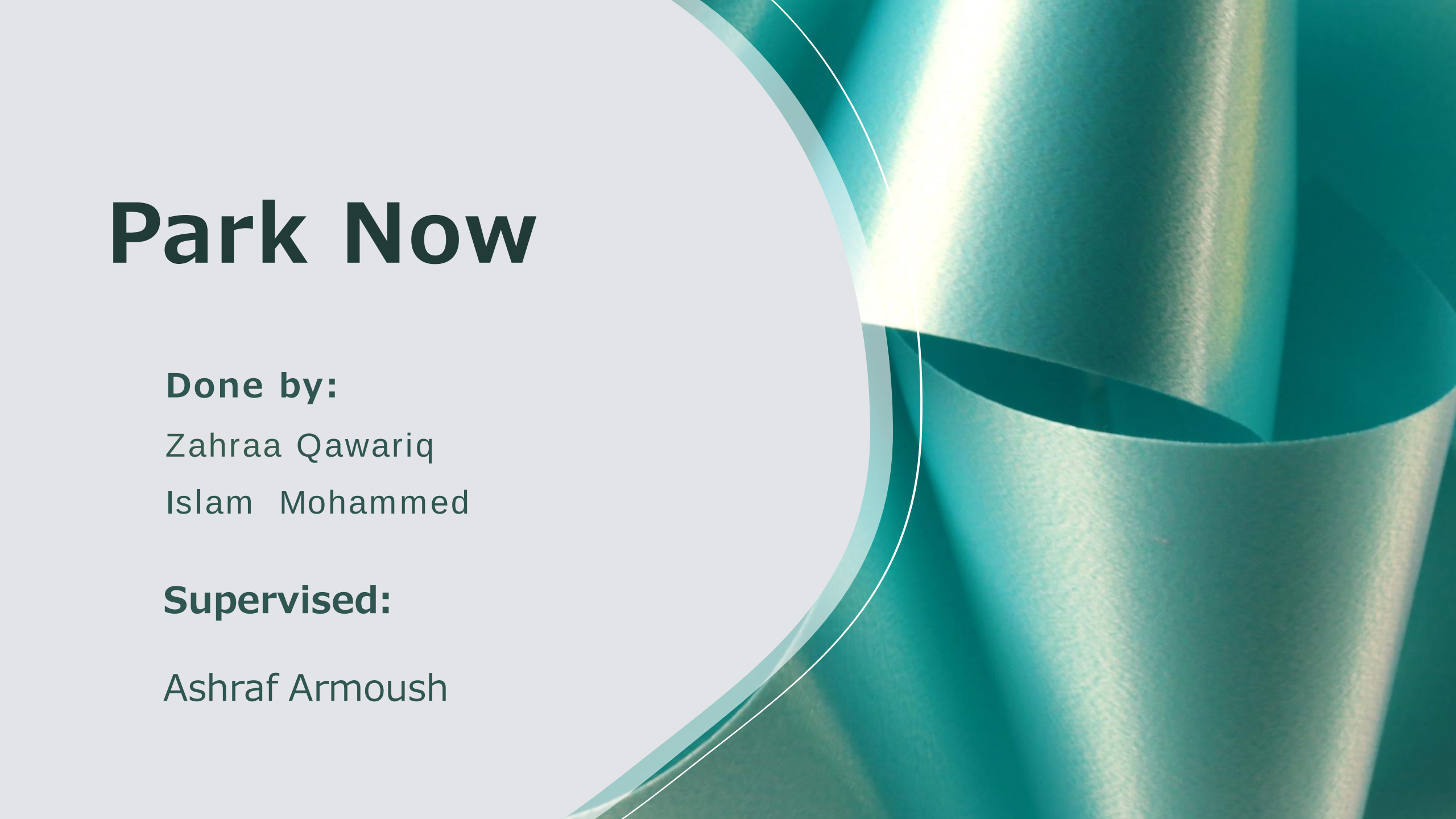


Outline

1- What is ParkNow.

2- Why ParkNow.

3- What is ParkNow built in.

4- Database.

5-Server side.

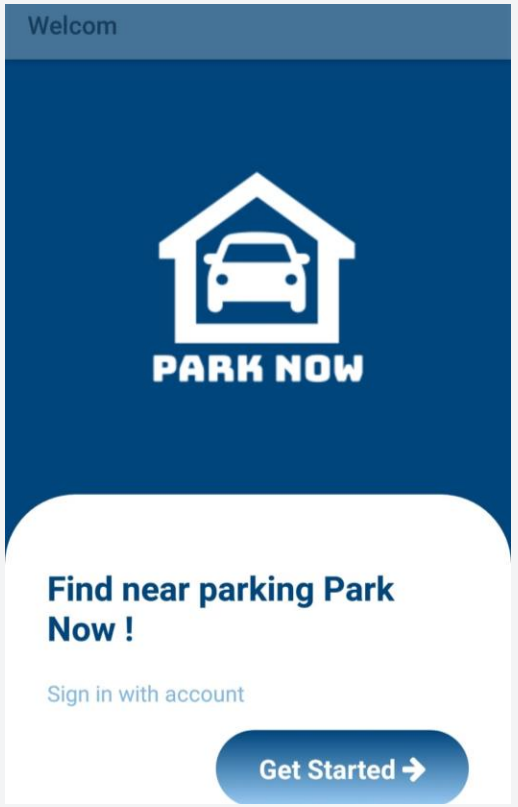
6-Mobile application.

5- Future work.

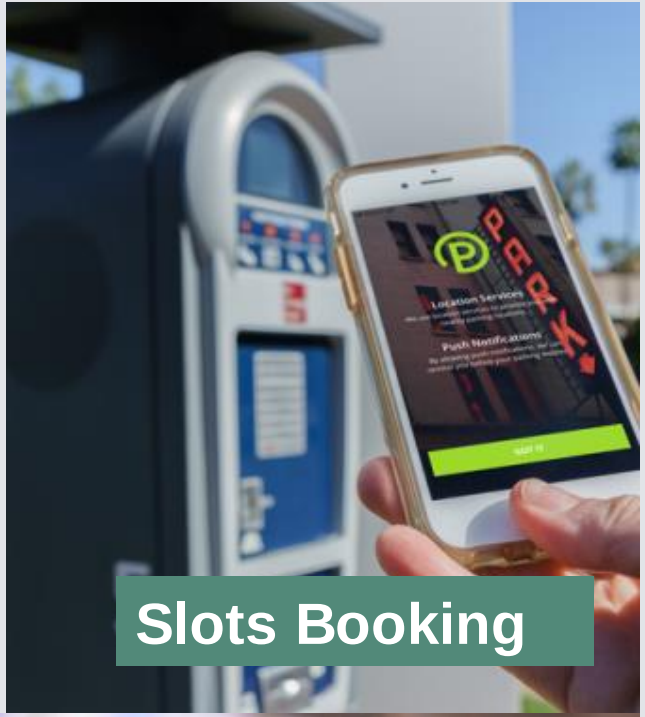
What is ParkNow

Android mobile app. Helps motorists find and book the closest parking and track their reservations.

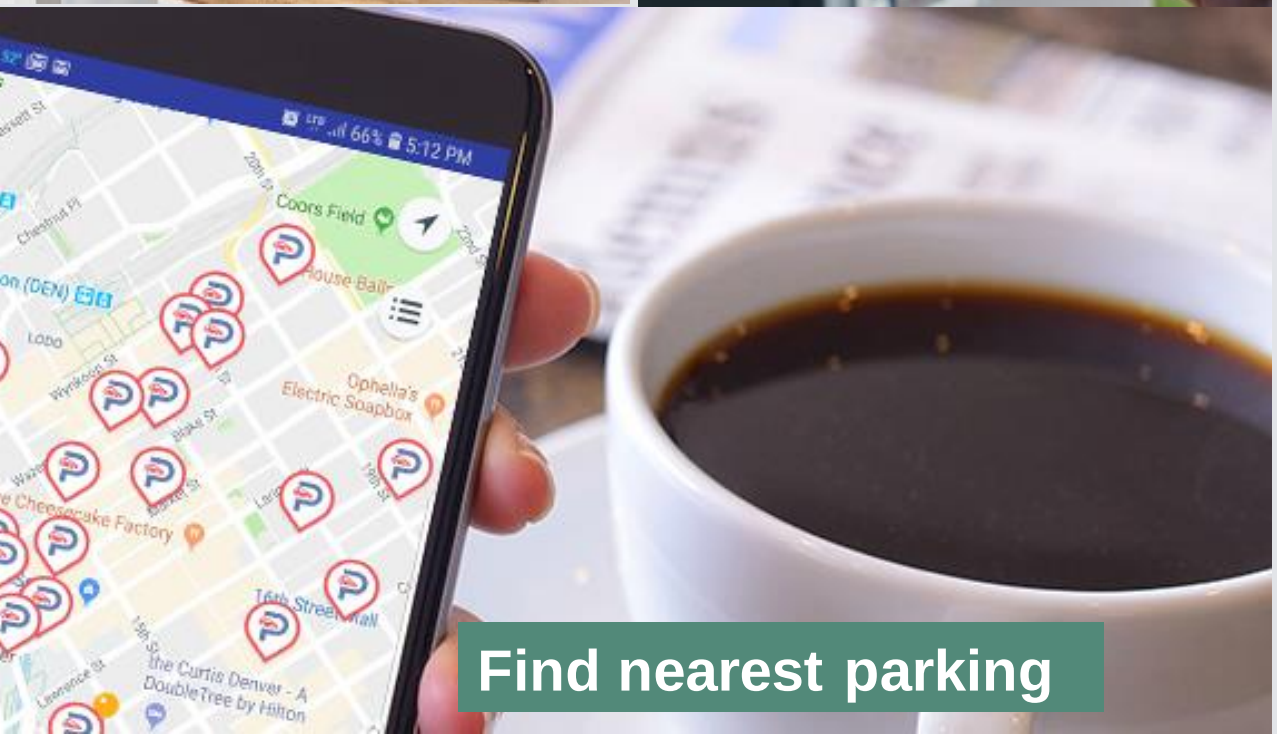
This application helps motorists to get rid of the problem of searching for a parking while driving, which saves time and effort and reduces the traffic crisis.



Payment system



Slots Booking



Find nearest parking

Parking Booking

Why is ParkNow

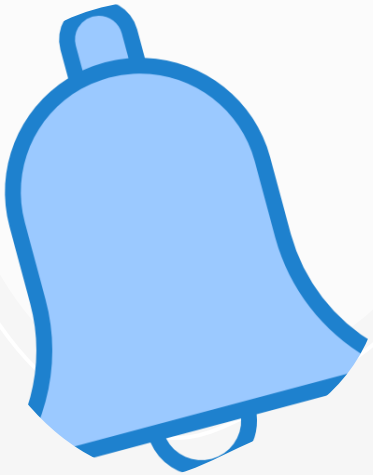
Features

Location

Extend time of reservation

Qr code scan

Cars park



notification

Online pay

Create account

What is Park Now built on

1-React Native .

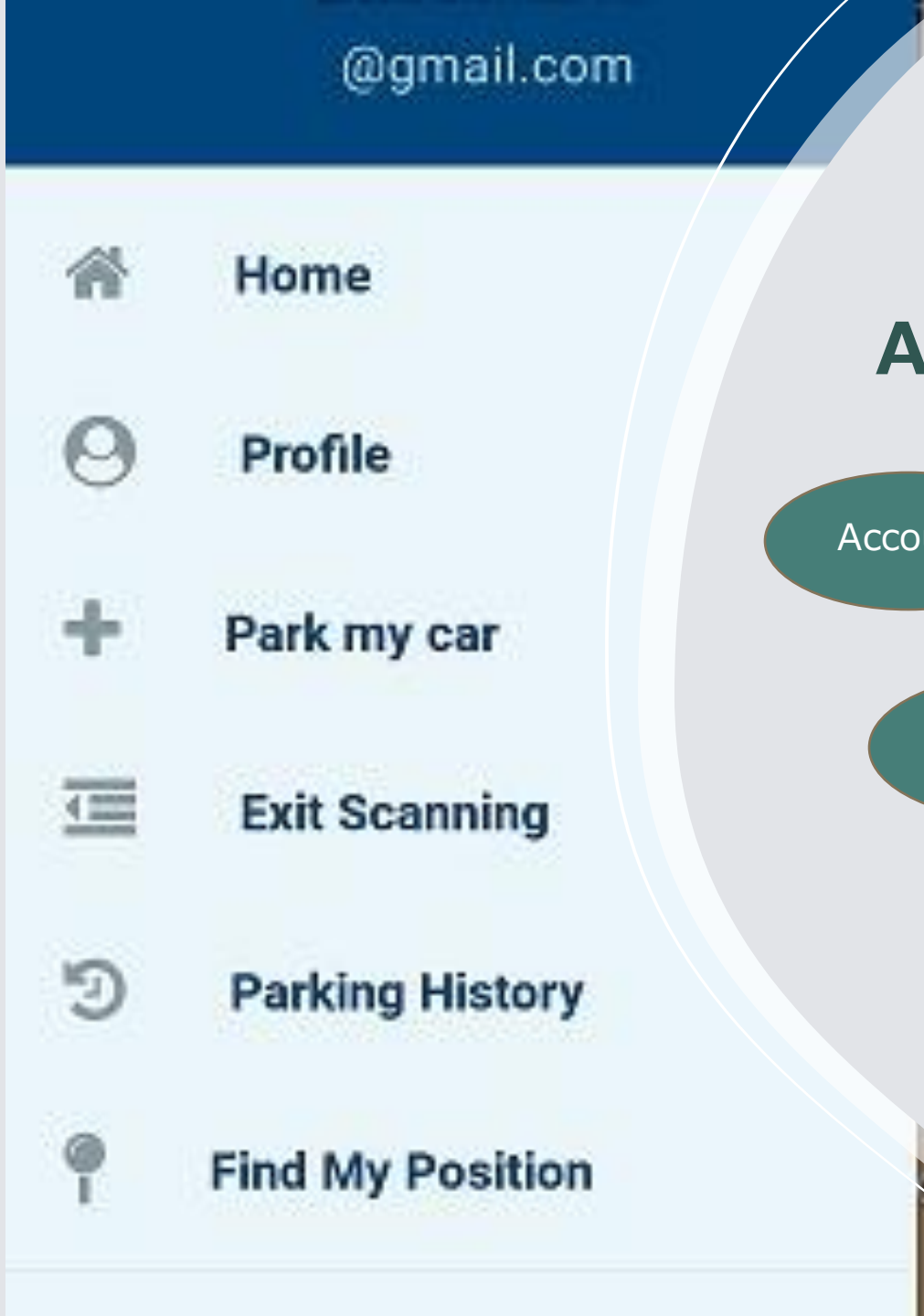
2-XAMPP server

3- Database(php) for backend

4-Firebase for notification

Database

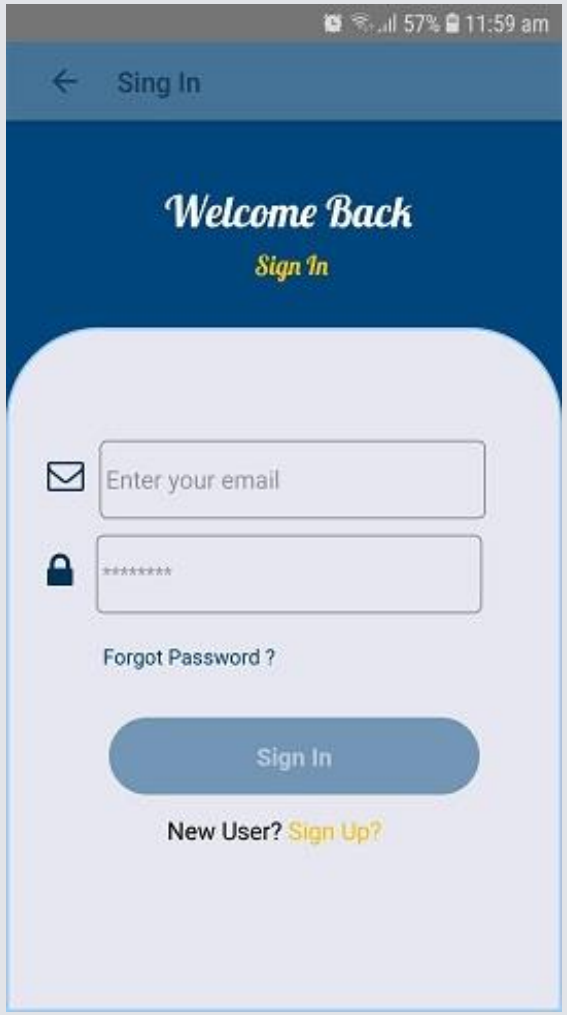
	Table	Action	Rows	Type	Collation	Size	Overhead
☐	booking	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	32.0 KiB	-
☐	carowner	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	32.0 KiB	-
☐	history	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	parking	Browse Structure Search Insert Empty Drop	72	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	parkingbooking	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	parkinggroups	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	32.0 KiB	-
☐	paypalaccount	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	48.0 KiB	-
☐	profile	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	slotgroup	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	48.0 KiB	-
☐	slots	Browse Structure Search Insert Empty Drop	80	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	slotsbooking	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	64.0 KiB	-
	11 tables	Sum	166	InnoDB	utf8mb4_general_ci	336.0 KiB	0 B



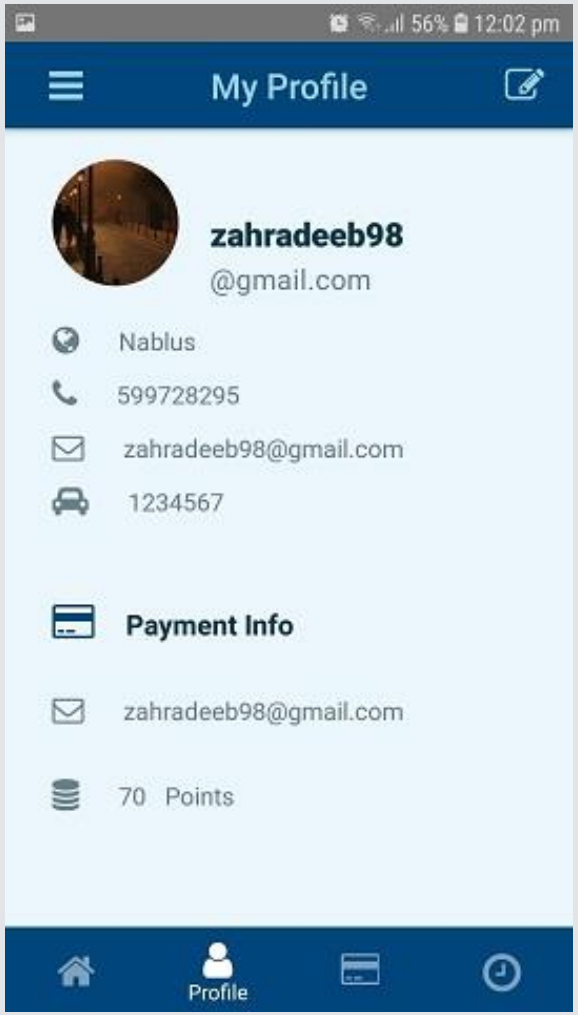
App hierarchy

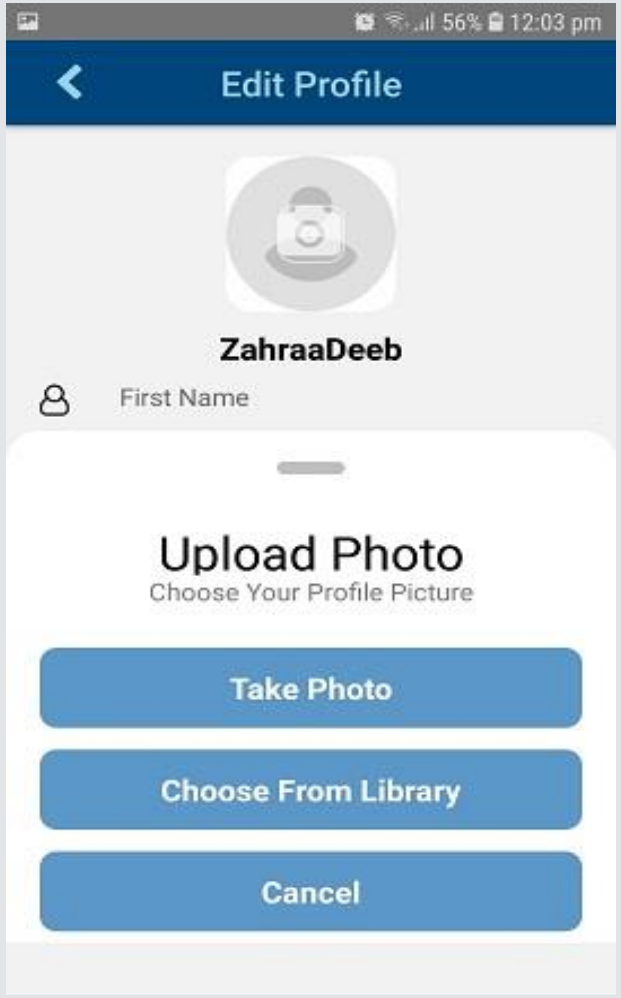
- Account
- Payment
- Position
- Park car
- Extend booking

Account

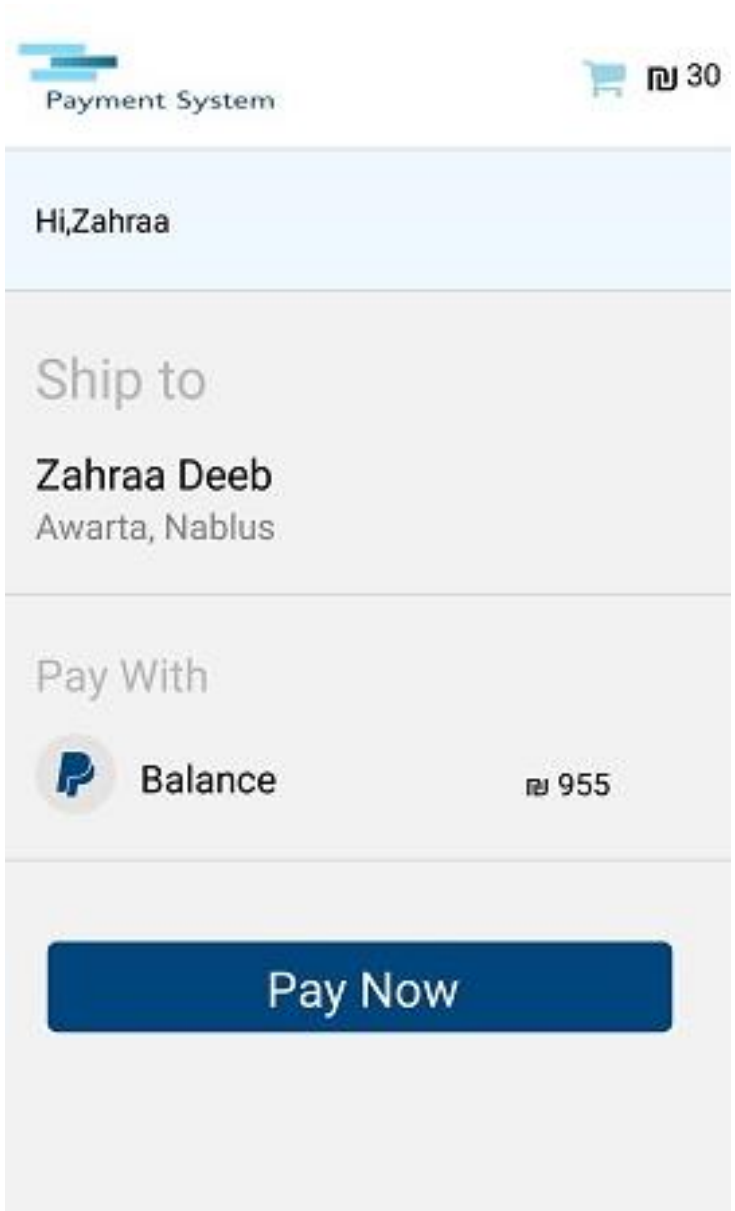

57% 11:59 am
Sing In
Welcome Back
Sign In
Enter your email
****
Forgot Password ?
Sign In
New User? Sign Up?

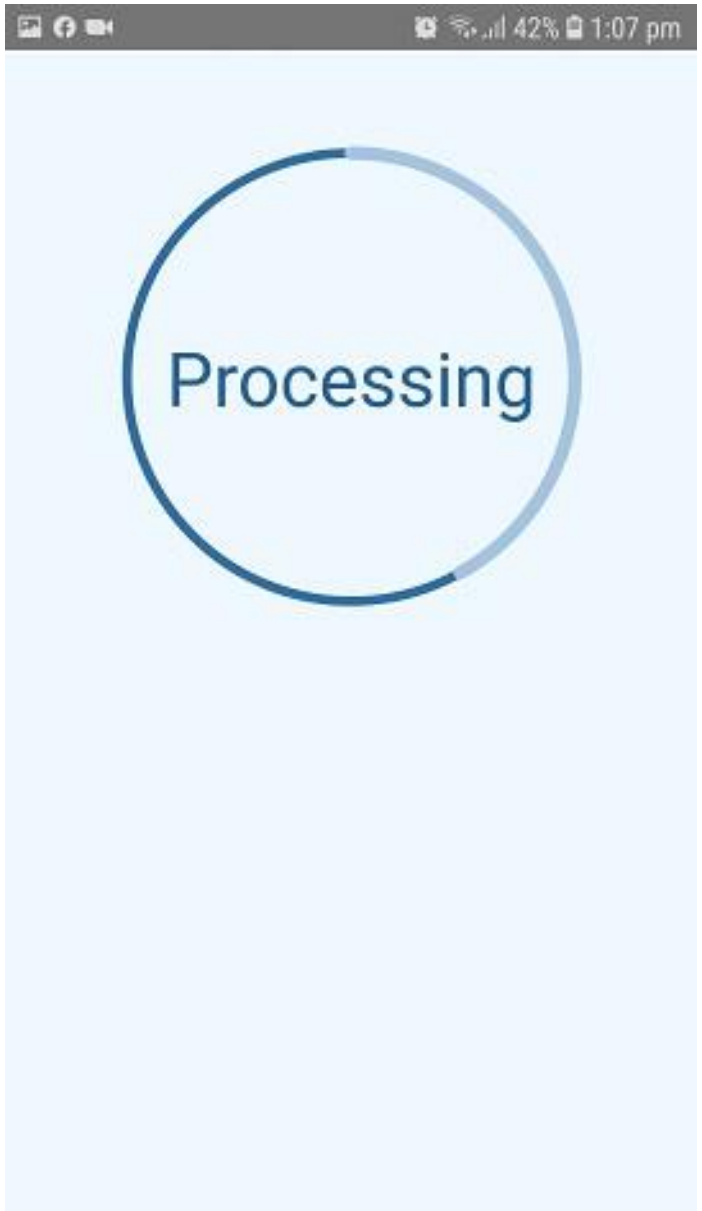
57% 11:59 am
Sing Up
Welcome Back
Sing up! Create Account
Enter your name
Enter your email
Enter Password
Confirm Password
Sign Up
you already have account? Sign In

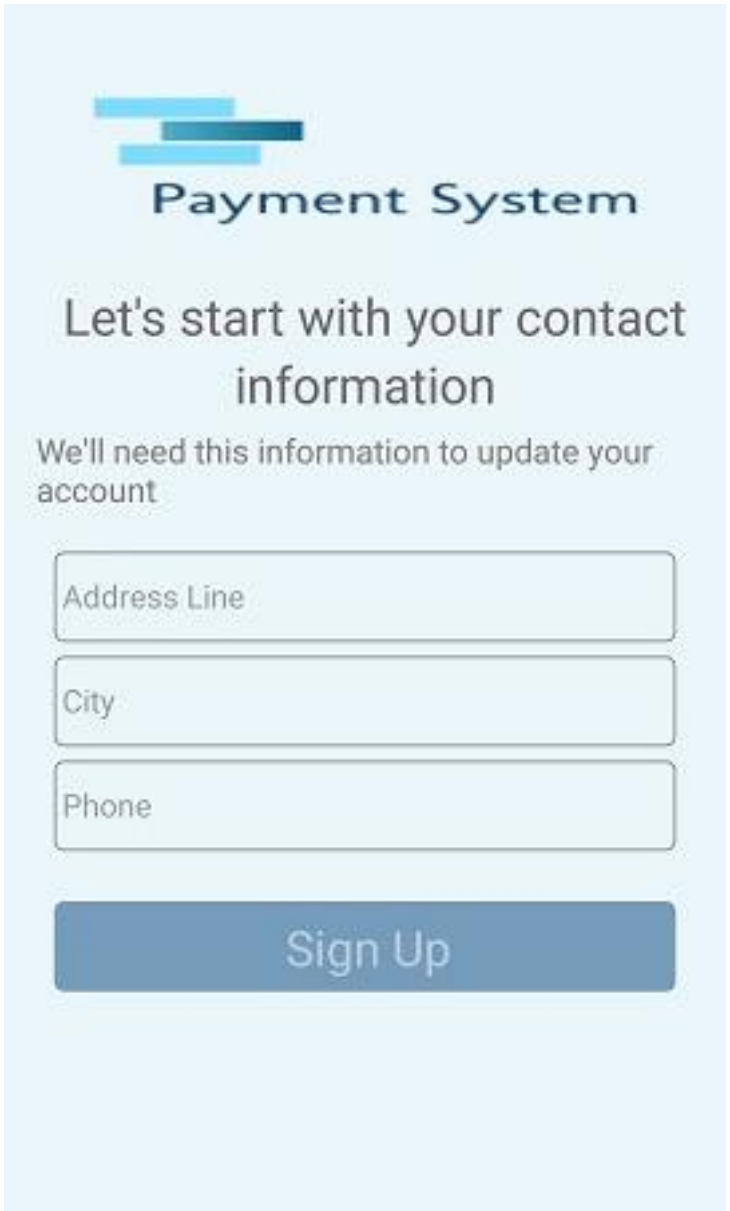

56% 12:02 pm
My Profile
zahradeeb98
@gmail.com
Nablus
599728295
zahradeeb98@gmail.com
1234567
Payment Info
zahradeeb98@gmail.com
70 Points
Profile


56% 12:03 pm
Edit Profile
ZahraaDeeb
First Name
Upload Photo
Choose Your Profile Picture
Take Photo
Choose From Library
Cancel

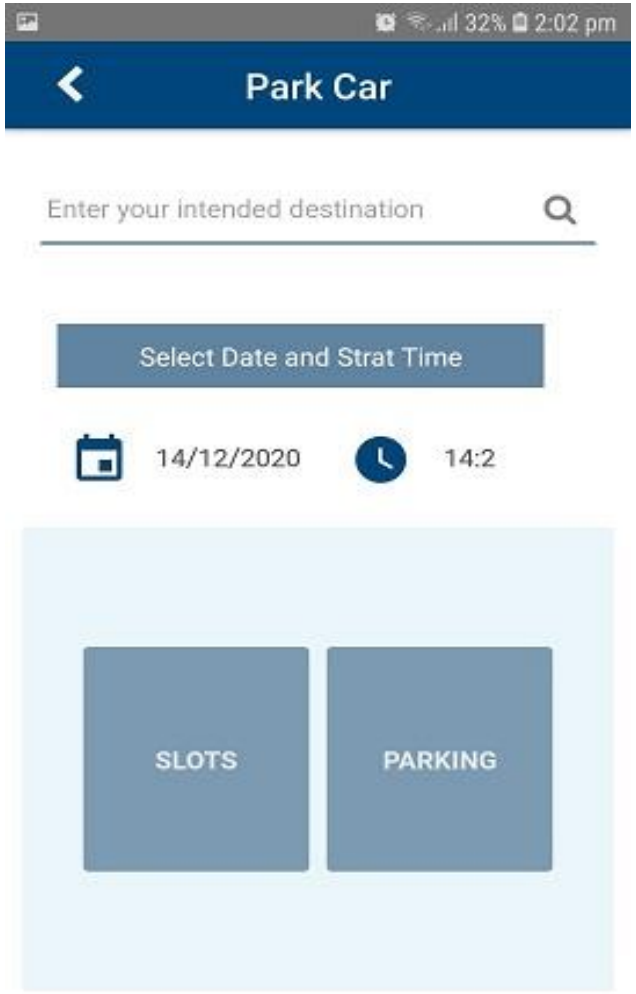
Payment System


Payment System
₪ 30
Hi,Zahraa
Ship to
Zahraa Deeb
Awarta, Nablus
Pay With
Balance
₪ 955
Pay Now

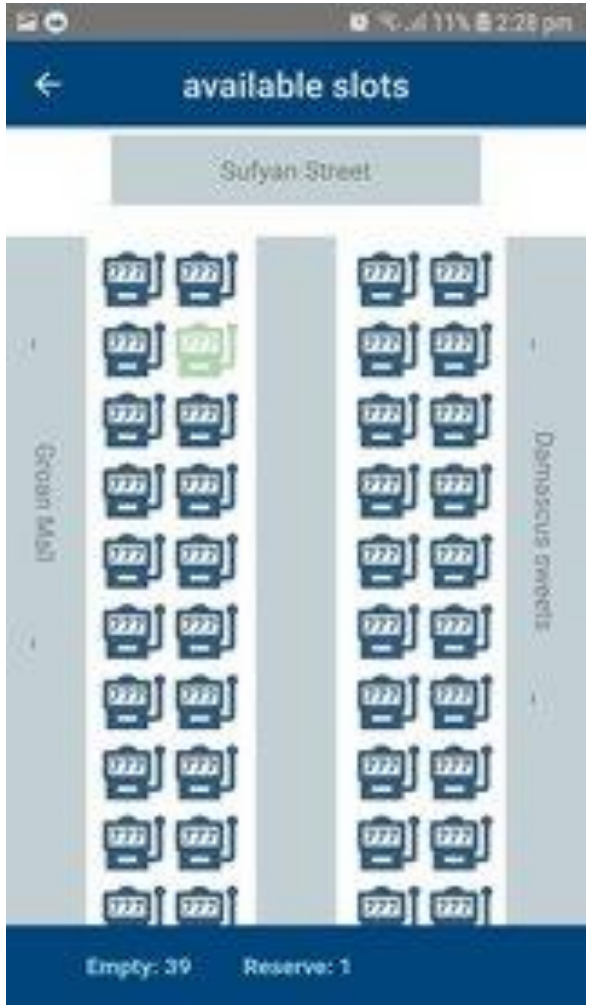

42% 1:07 pm
Processing


Payment System
Let's start with your contact information
We'll need this information to update your account
Address Line
City
Phone
Sign Up

Park car

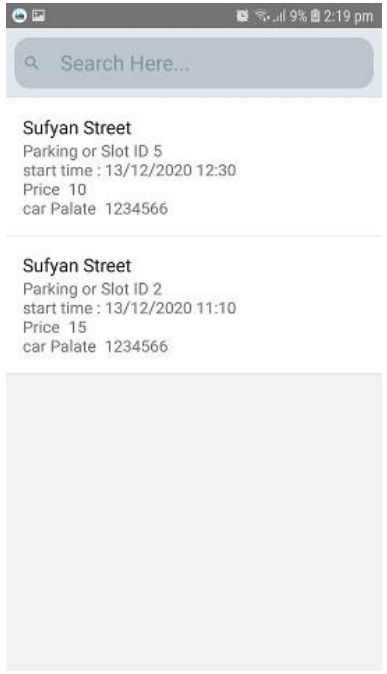

Park Car
Enter your intended destination
Select Date and Strat Time
14/12/2020
14:2
SLOTS
PARKING

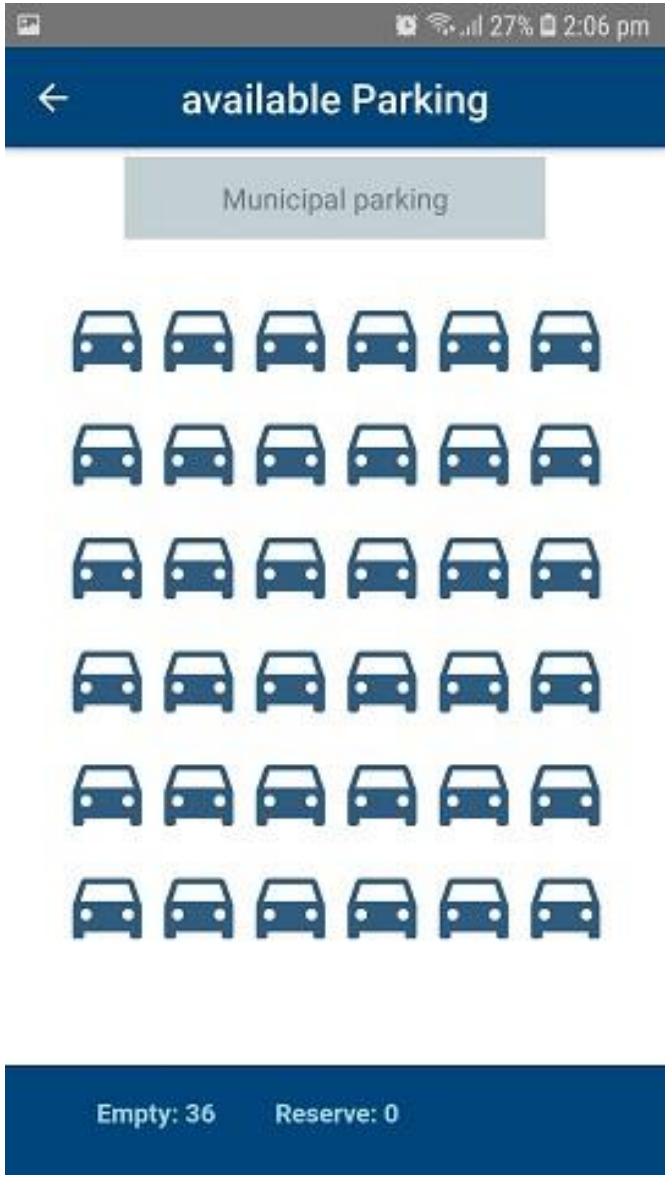
Choose booking duration
30 minutes → 10 Ponits
60 minutes → 20 Ponits
90 minutes → 30 Ponits
120 minutes → 40 Ponits
150 minutes → 50 Ponits
180 minutes → 60 Ponits
CANCLE
OK

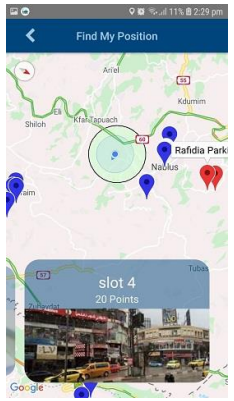

available slots
Sufyan Street
Green Mall
Damascus Street
Empty: 39
Reserve: 1

Price 10
1
Scan the code when enter the gate
Park 1
Invalid Slot

11% 2:29 pm
MyBooking
Sufyan Street 60
SLOT ID 4
00 00 05 57
D H M S
Extends booking time
Extends Time
MyBooking


9% 2:19 pm
Search Here...
Sufyan Street
Parking or Slot ID 5
start time : 13/12/2020 12:30
Price 10
car Palate 1234566
Sufyan Street
Parking or Slot ID 2
start time : 13/12/2020 11:10
Price 15
car Palate 1234566

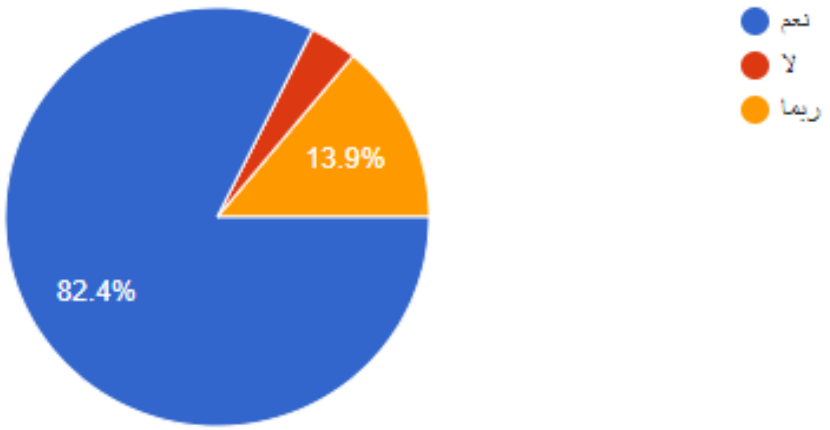

27% 2:06 pm
available Parking
Municipal parking
Empty: 36
Reserve: 0


Find My Position
slot 4
20 Points

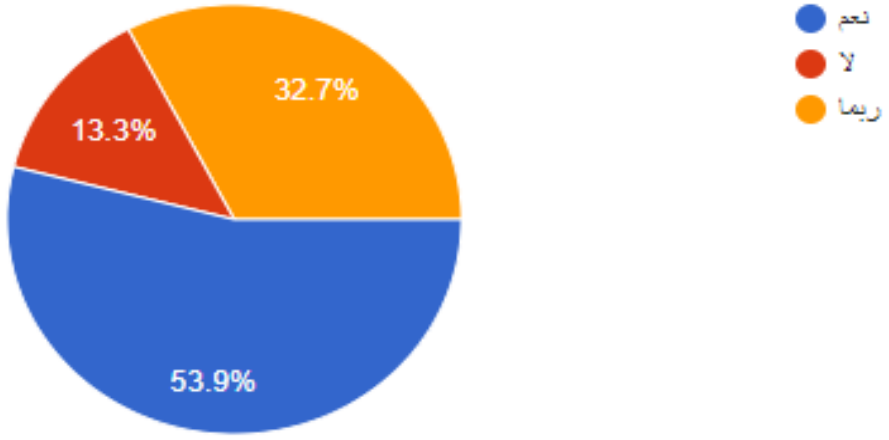
Find My Position
Women's Union Hospital
slot 4
20 Points

Questionnaire results

Do you think that the driver is having difficulty in finding a parking for his car?

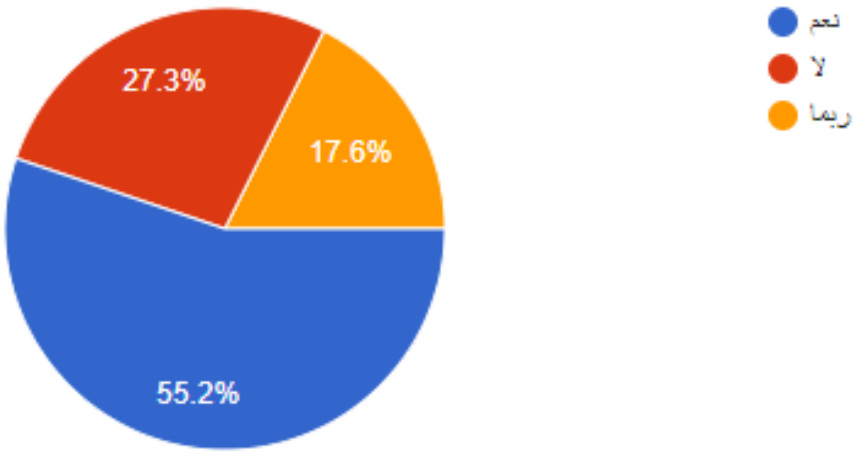


Do you think that when trying to book a car parking a driver may face a problem with not having a coins?

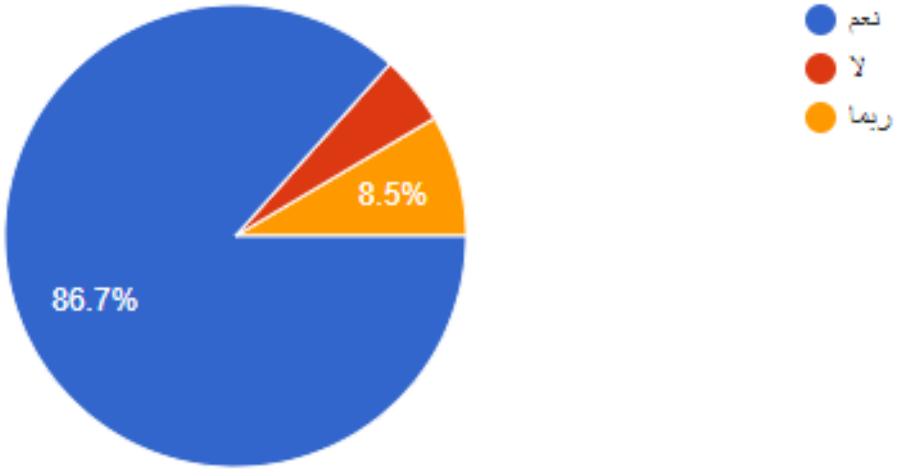


Questionnaire results

Have you or any of your acquaintances faced a problem that the time of reservation expired and you can't to arrive in time to extend the booking?



could you use an app to help you park your car?



Future Work

The application provide option to find the distance in numeric between your current location and the nearest parking lots and display the time needed to arrive it.

drawing a track from your current position to the booking lot on map.

Real hardware component for parking lots that provide a QR code and integrated with the payment system that provided in the app.

THANK YOU