

# Park Now

## **Done by:**

Zahraa Qawariq

Islam Mohammed

## **Supervised:**

Ashraf Armoush

# Outline

1- What is ParkNow.

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2- Why ParkNow.

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3- What is ParkNow built in.

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4- Database.

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5-Server side.

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6-Mobile application.

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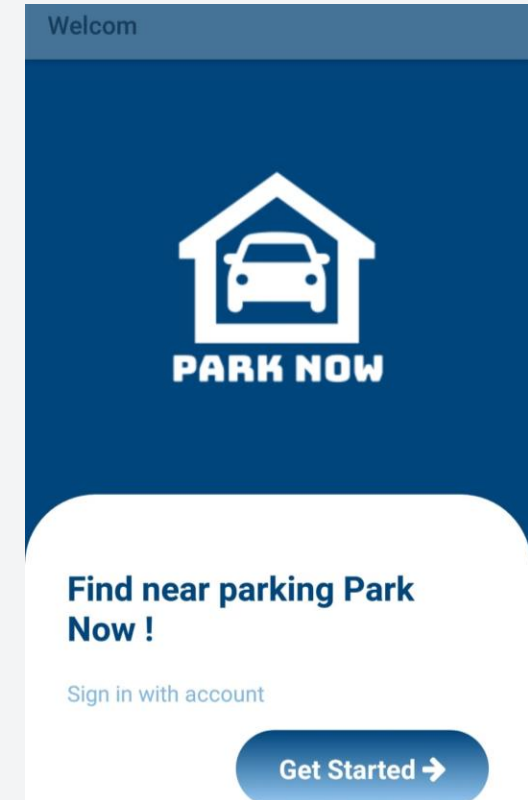
5- Future work.

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# What is ParkNow

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

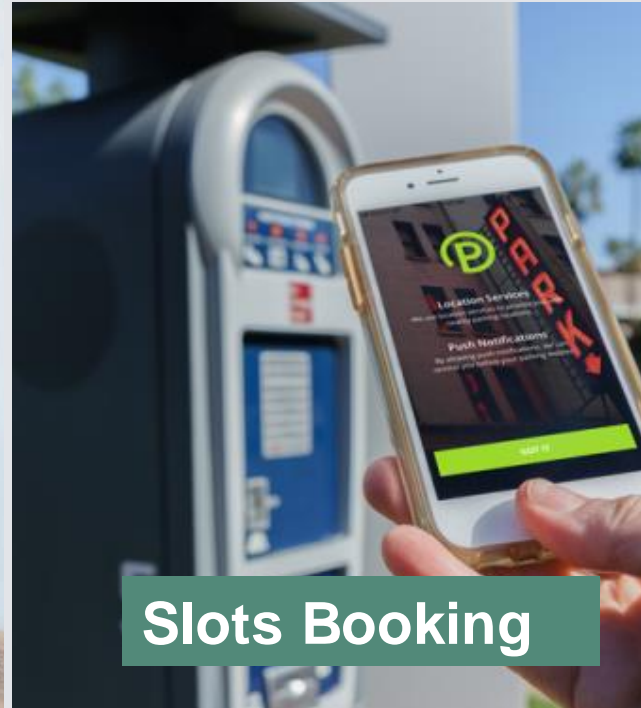
This application helps motorists to get rid of the problem of searching for a parking while driving, which saves time and effort and reduces the traffic crisis.



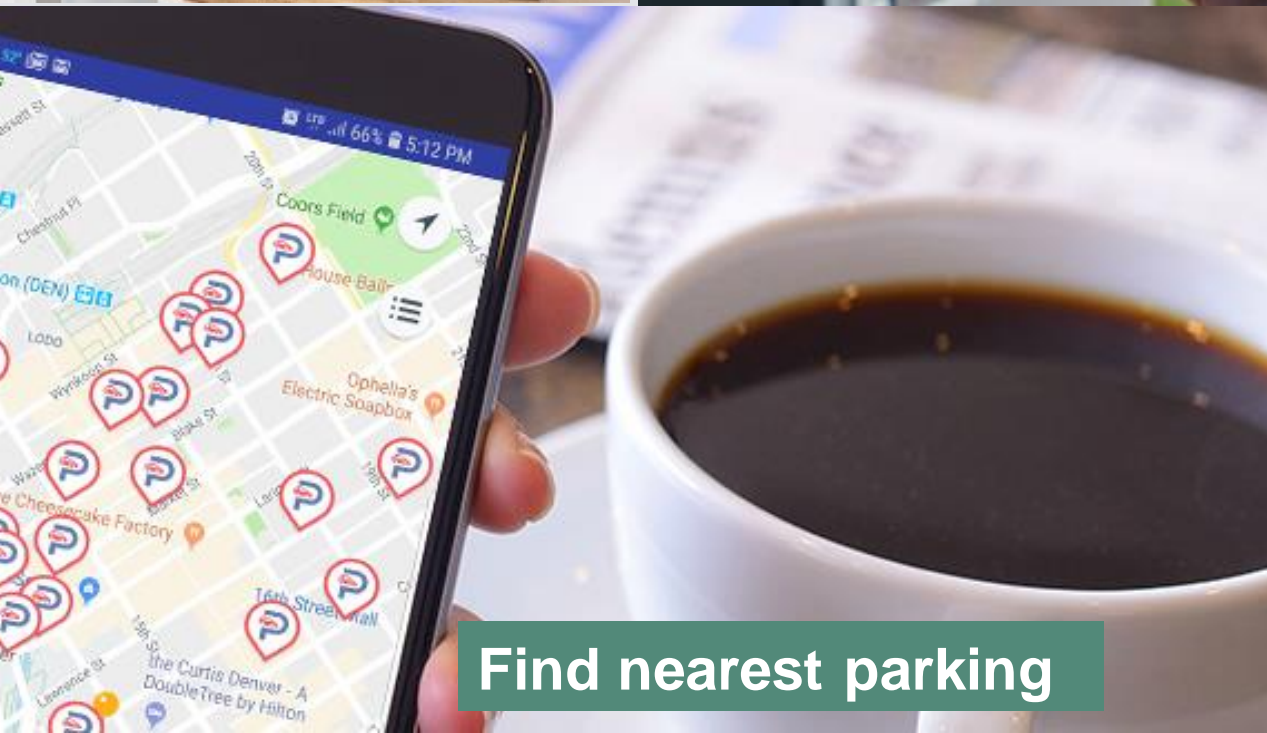




**Payment system**



**Slots Booking**



**Find nearest parking**

**Parking Booking**

**Why is  
ParkNow**

**Location**



**Qr code scan**



**Extend time of  
reservation**



**Cars park**



**notification**

# Features

**Online pay**



**Create account**



# What is Park Now built on

1-React Native .

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2-XAMPP server

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3- Database(mysql) for backend



































































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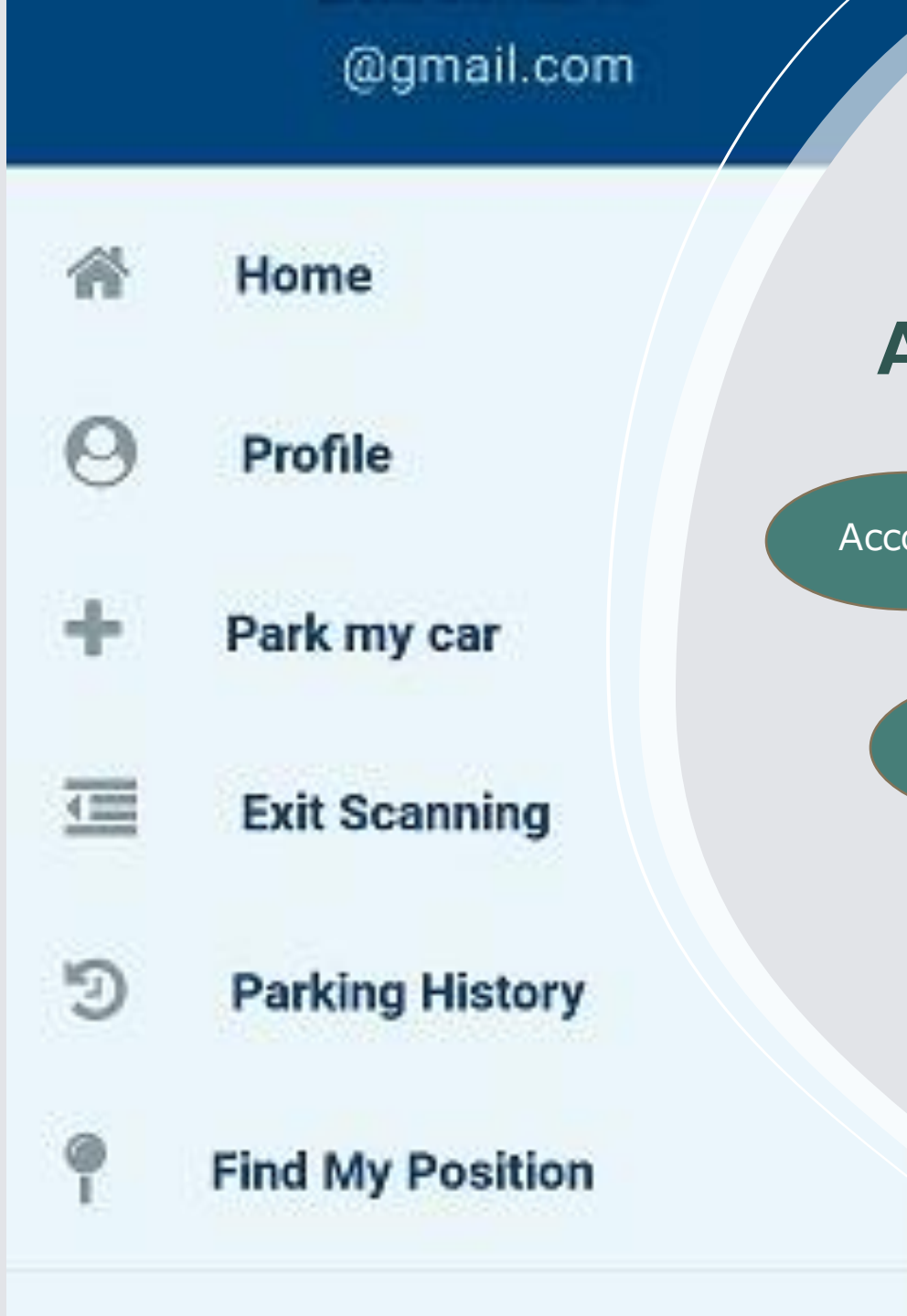
4-Firebase for notification

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# Database

	Table ▲	Action	Rows ⓘ	Type	Collation	Size	Overhead
<input type="checkbox"/>	booking	★  Browse  Structure  Search  Insert  Empty  Drop	1	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/>	carowner	★  Browse  Structure  Search  Insert  Empty  Drop	2	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/>	history	★  Browse  Structure  Search  Insert  Empty  Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/>	parking	★  Browse  Structure  Search  Insert  Empty  Drop	72	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/>	parkingbooking	★  Browse  Structure  Search  Insert  Empty  Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/>	parkinggroups	★  Browse  Structure  Search  Insert  Empty  Drop	2	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/>	paypalaccount	★  Browse  Structure  Search  Insert  Empty  Drop	2	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/>	profile	★  Browse  Structure  Search  Insert  Empty  Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/>	slotgroup	★  Browse  Structure  Search  Insert  Empty  Drop	2	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/>	slots	★  Browse  Structure  Search  Insert  Empty  Drop	80	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/>	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

11:59 am 57%

← Sing In

*Welcome Back*  
*Sign In*

Enter your email

\*\*\*\*\*

Forgot Password ?

Sign In

New User? [Sign Up?](#)

11:59 am 57%

← Sing Up

*Welcome Back*  
*Sign up! Create Account*

Enter your name

Enter your email

Enter Password


Confirm Password

Sign Up

you already have account? [Sign In](#)

12:02 pm 56%

☰ My Profile ✎


 **zahradeeb98**  
@gmail.com

Nablus

599728295



zahradeeb98@gmail.com

1234567

 **Payment Info**


zahradeeb98@gmail.com

70 Points


Home Profile  

12:03 pm 56%

← Edit Profile



**ZahraaDeeb**

 First Name

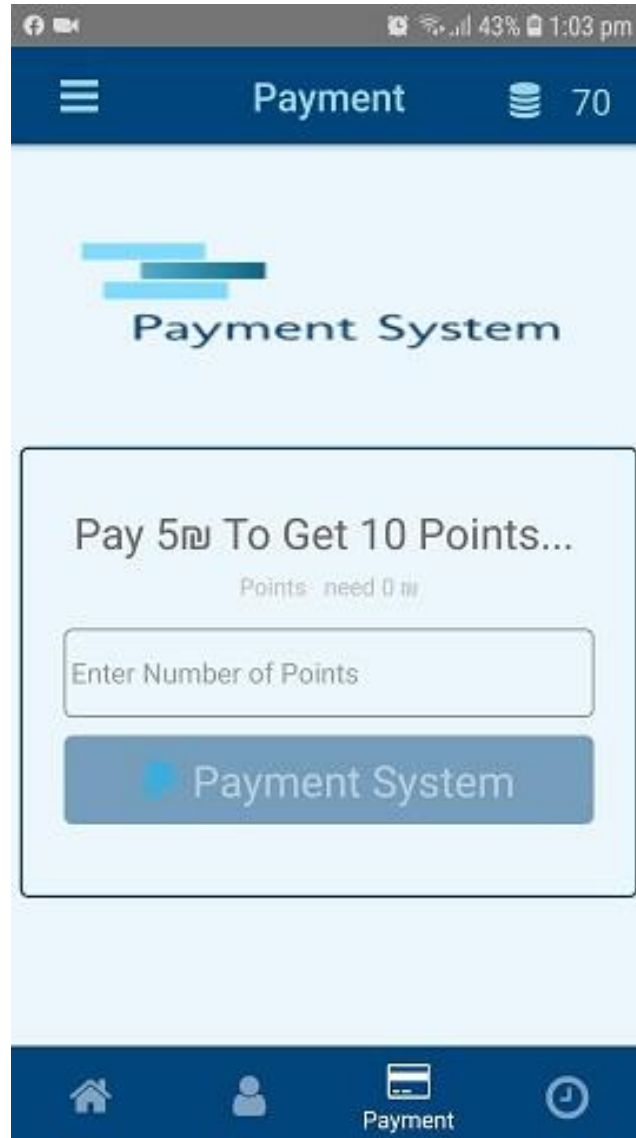
**Upload Photo**  
Choose Your Profile Picture

Take Photo

Choose From Library

Cancel

# Payment System



Payment System

Pay 5 To Get 10 Points...

Points: need 0

Enter Number of Points

Payment System

Home User Payment Clock

The home screen of the Payment System app. It features a dark blue header with a hamburger menu icon, the word 'Payment', and a balance of 70. Below the header is a light blue area with the 'Payment System' logo. A white box contains a promotional message 'Pay 5 To Get 10 Points...' with a subtext 'Points: need 0'. Below this is a text input field for 'Enter Number of Points' and a blue button labeled 'Payment System'. At the bottom is a dark blue navigation bar with icons for Home, User, Payment, and Clock.



Payment System

Pay With Payment System

Enter your email and your password to get start.

Enter Your Email

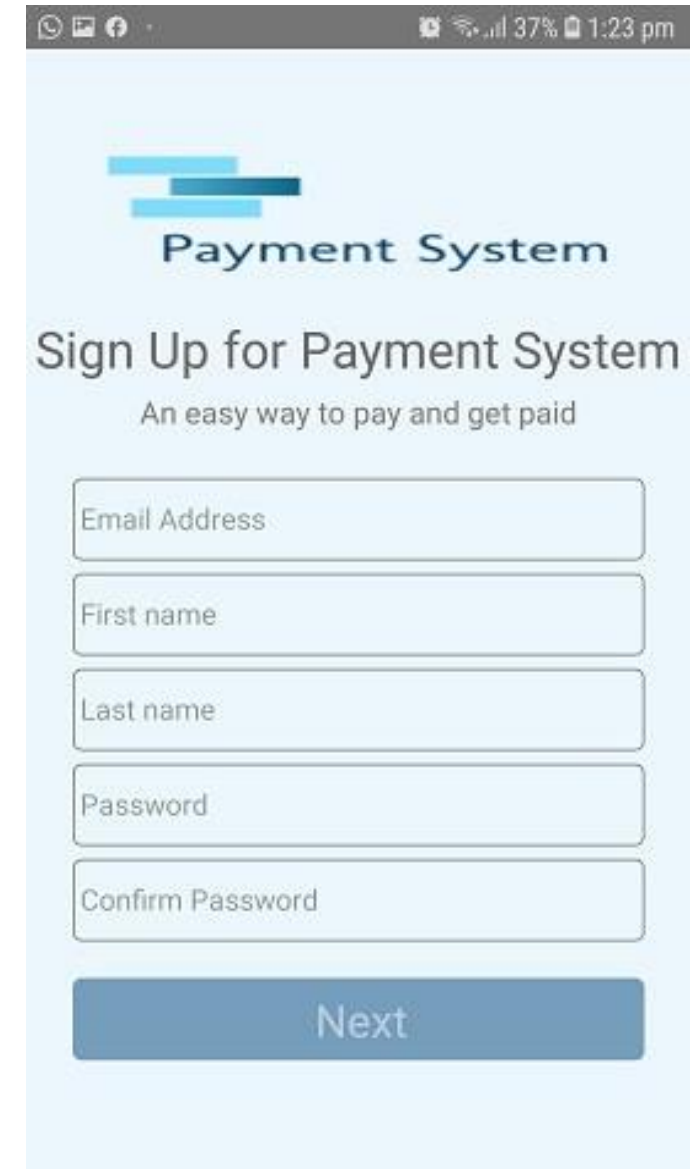
Enter Your Password

Log In

or

Create Account

The login screen of the Payment System app. It features a light blue background with the 'Payment System' logo. Below the logo is the title 'Pay With Payment System' and a subtitle 'Enter your email and your password to get start.'. There are two text input fields for 'Enter Your Email' and 'Enter Your Password'. Below these is a blue button labeled 'Log In'. A horizontal line with the word 'or' in the center separates the login section from the registration section, which has a grey button labeled 'Create Account'.



Payment System

Sign Up for Payment System

An easy way to pay and get paid

Email Address

First name


Last name


Password

Confirm Password

Next

The sign-up screen of the Payment System app. It features a light blue background with the 'Payment System' logo. Below the logo is the title 'Sign Up for Payment System' and a subtitle 'An easy way to pay and get paid'. There are five text input fields for 'Email Address', 'First name', 'Last name', 'Password', and 'Confirm Password'. Below these is a blue button labeled 'Next'.

  
Payment System


 30

Hi,Zahraa

Ship to


Zahraa Deeb  
Awarta, Nablus

Pay With

 Balance 955

Pay Now



  
Payment System

Let's start with your contact  
information


We'll need this information to update your  
account

Sign Up



# Park car

32% 2:02 pm

## Park Car

Enter your intended destination 

Select Date and Start Time

 14/12/2020  14:2

SLOTS

PARKING

32% 2:02 pm



### 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	

11% 2:28 pm

## available slots

Sufyan Street

Green Mark




Demascus Street




Empty: 39 Reserve: 1

30% 2:04 pm



Price 10 1

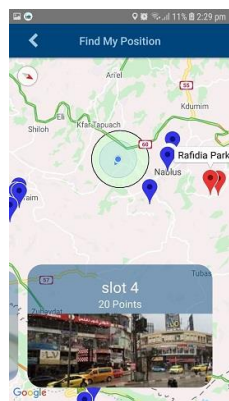
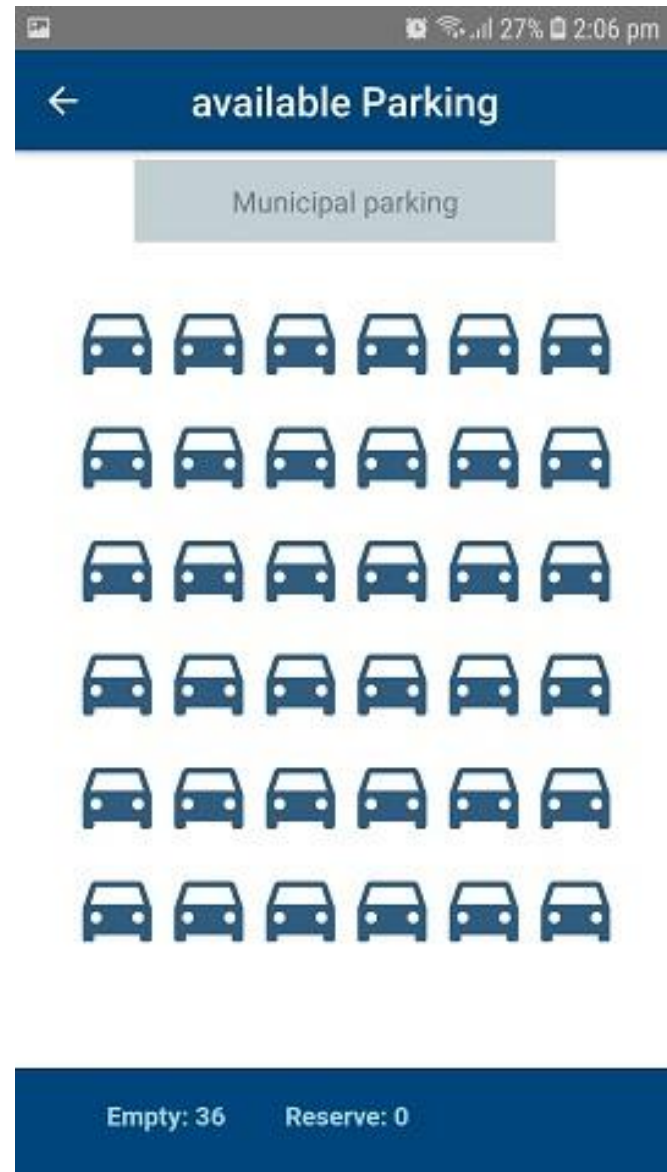
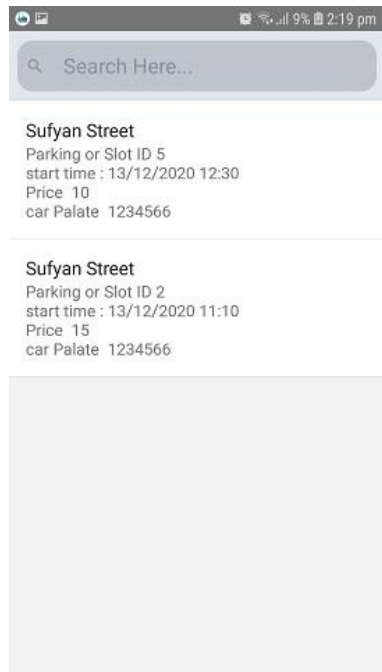
Scan the code when enter the gate



Park 1

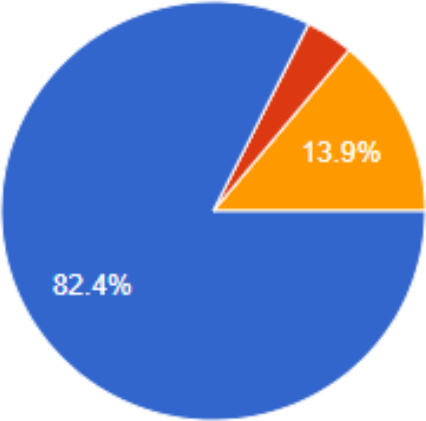
Invalid Slot



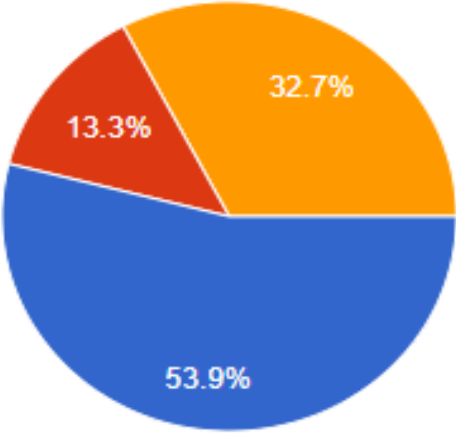


# Questionnaire results

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

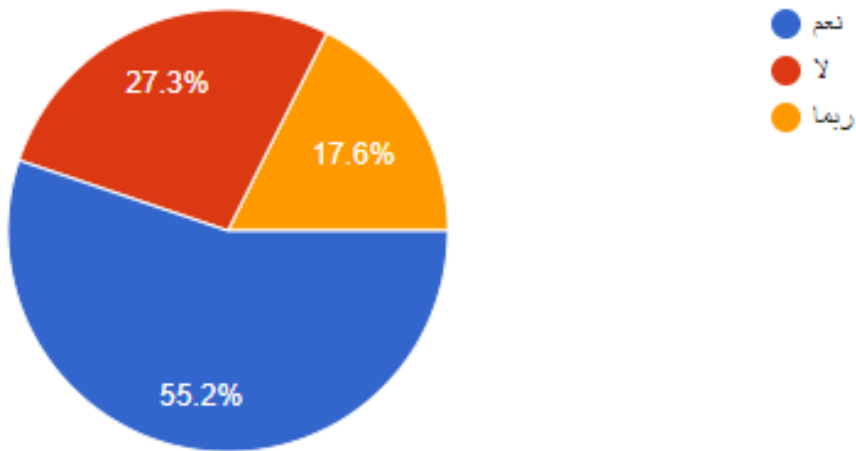


Do you think that when trying to book a car parking a driver may face a problem with not having a coins?

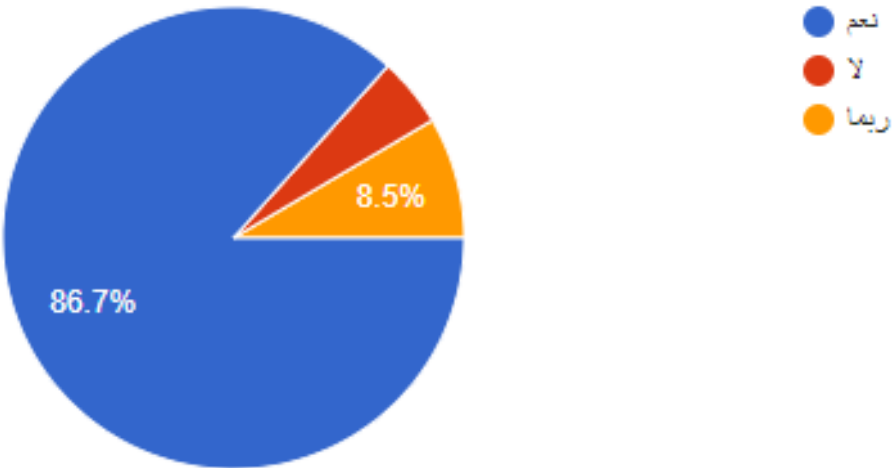


# Questionnaire results

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

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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.



The background is an abstract composition of flowing, teal-colored shapes that resemble ribbons or liquid. A bright, vertical light streak is visible in the upper left quadrant, creating a sense of depth and movement. The overall color palette is a range of teal and blue-green tones.

**THANK YOU**