Admin homepage

EZParking ≡

Real Time Statistics

| Users online | bookings | Microservices |

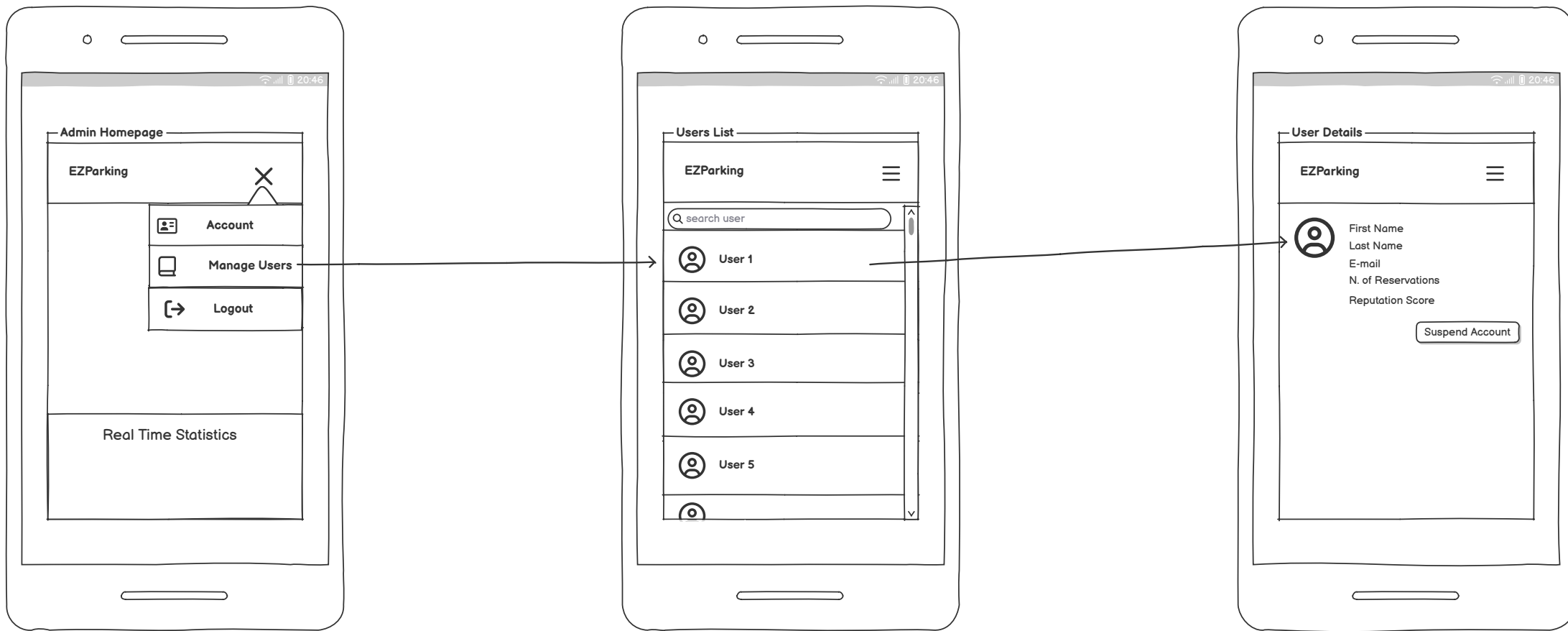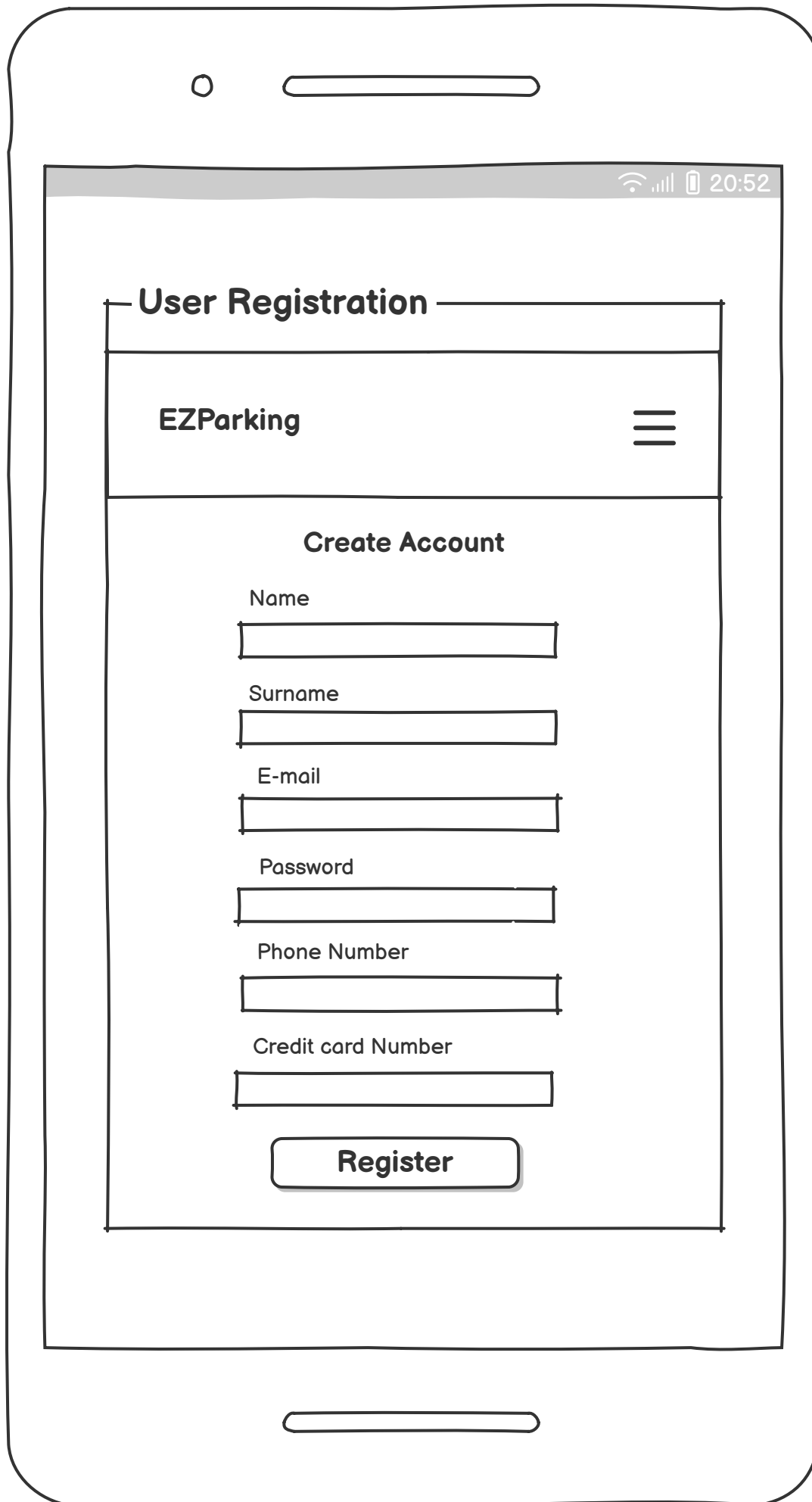|	
✅	account_ms
✅	notification_ms
✅	park_ms
✅	payment_ms

As an administrator I want to be able to visualize the status of my application's microservices, so I know if there some problems.
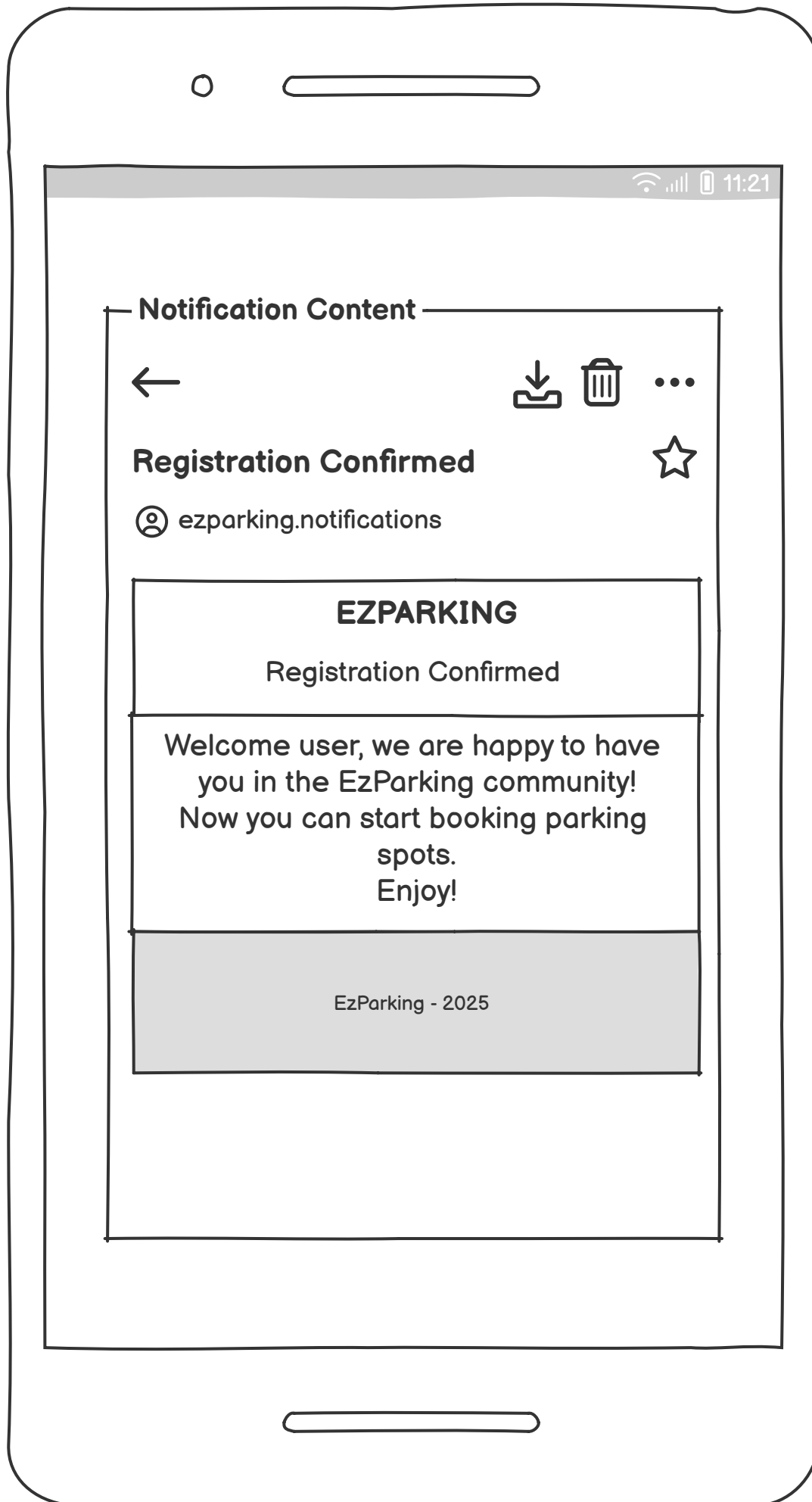
2 - As an administrator I want to view all the users and search for them so I can manage their accounts.
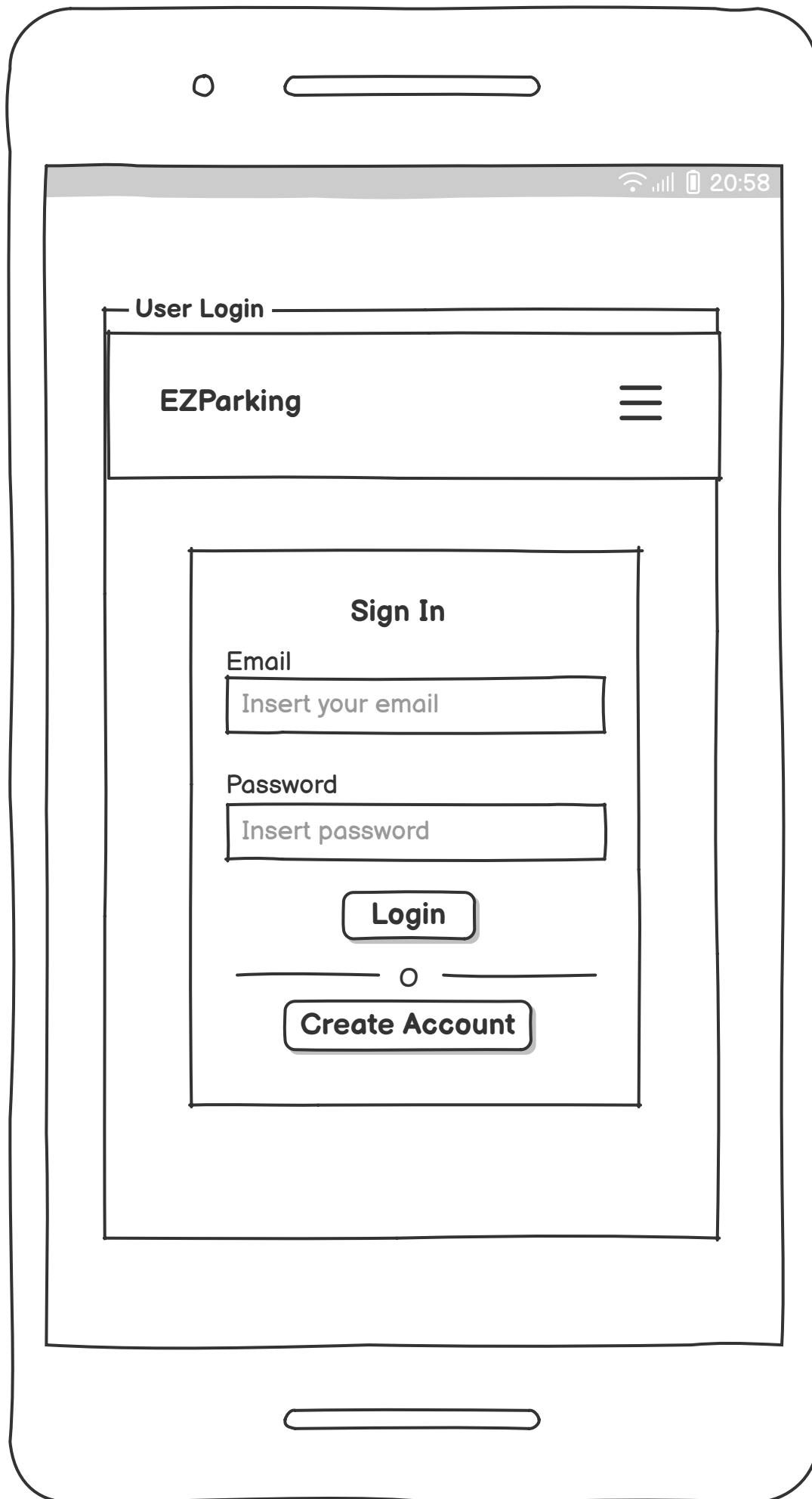
3- As an administrator I want to have access to a user's information so I can decide to disable or enable their account.

User Registration

EZParking ≡

Create Account

Name

Surname

E-mail

Password

Phone Number

Credit card Number

Register

4 - As a user I want to register to the system so that I can access to the application.

Notification Content

← ⤓ 🗑 •••

Registration Confirmed ☆

👤 ezparking.notifications

EZPARKING

Registration Confirmed

Welcome user, we are happy to have
you in the EzParking community!
Now you can start booking parking
spots.
Enjoy!

EzParking - 2025

5 - As a user I want to receive a confirmation mail after I registered so that I know that all has gone fine.

🛜 ⓘ▥ 🗆 20:58

EZParking ≡

Sign In

Email

Insert your email

Password

Insert password

Login

○

Create Account

6 - As a user I want to login into the system so that I can authenticate myself to the platform and use app's functionalities.

Personal User Dashboard

EZParking ✕

📇	**Account**
🔍	**Book Spot**
🗄	**Manage Your Spot**
➡	**Logout**

Logout

EZParking ☰

Homepage
EzParking Application

What is EzParking?

How does EzParking work?
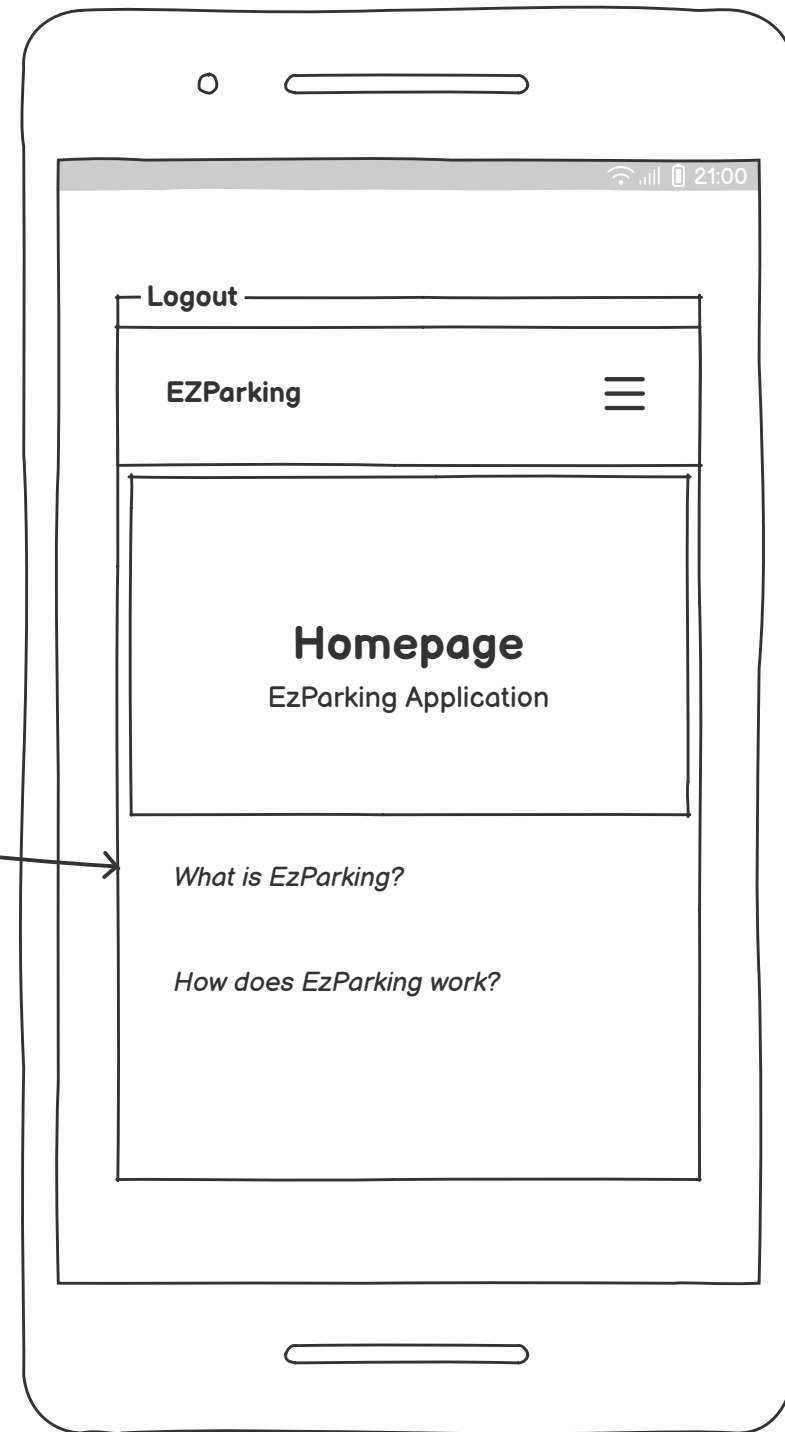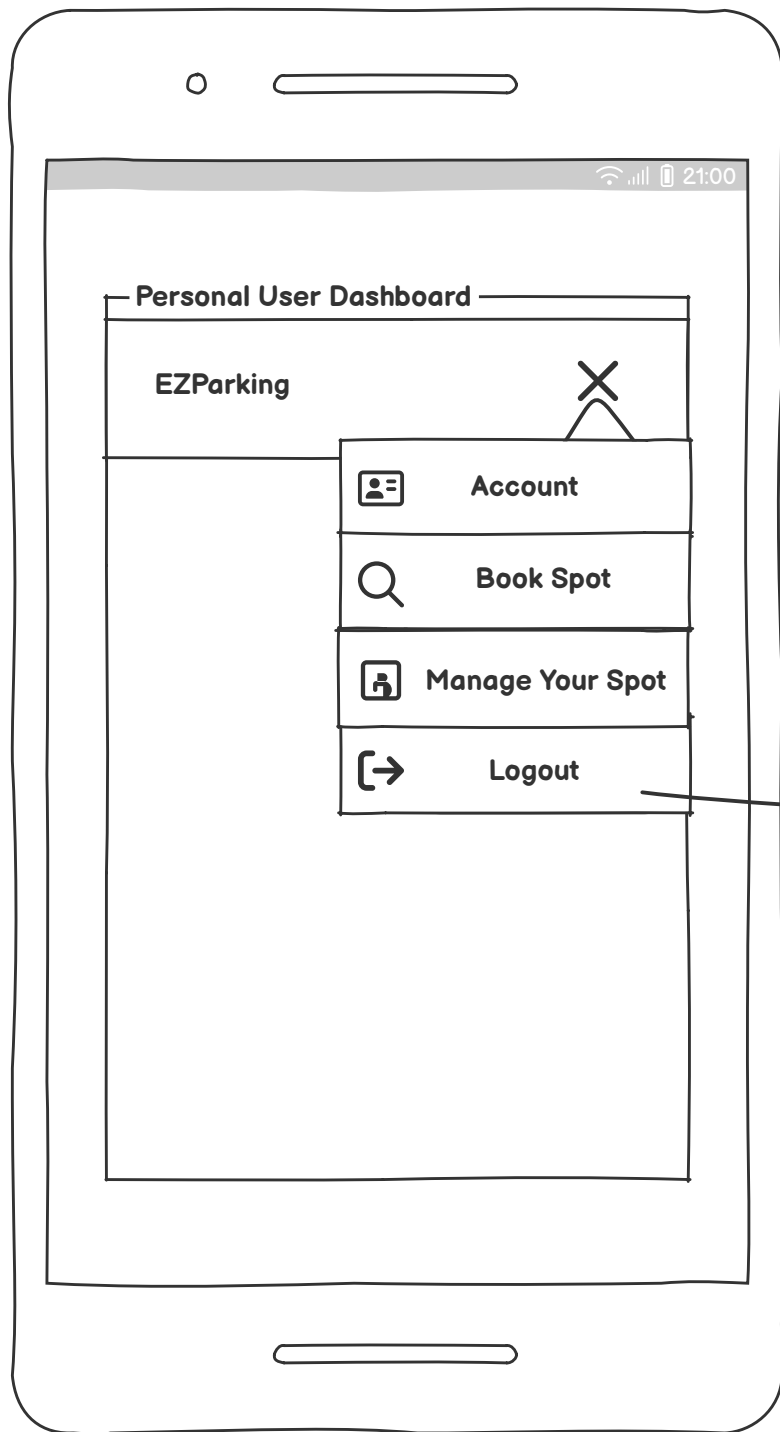
7 - As a user I want to logout from the system so that I can exit from the platform while I don't use it.

Personal Homepage

EzParking

Account

W
Book Spot

Option 1

Manage Your Spot

Logout

Find a park

User Dashboard

EZParking

Name: Name

Surname: Surname

E-mail: mail@gmail.com

Edit Account

User Statistics

Reputation ★ ★ ★ ★ ★

Received Reviews
You haven't received any reviews yet!

Reviewable Reservations

User Edit Profile

EZParking

Edit

Name

Surname

E-mail

Password

Phone Number

Credit Card
Number

Update Account

8 - As a user I want to modify personal data so that I can keep updated my account.
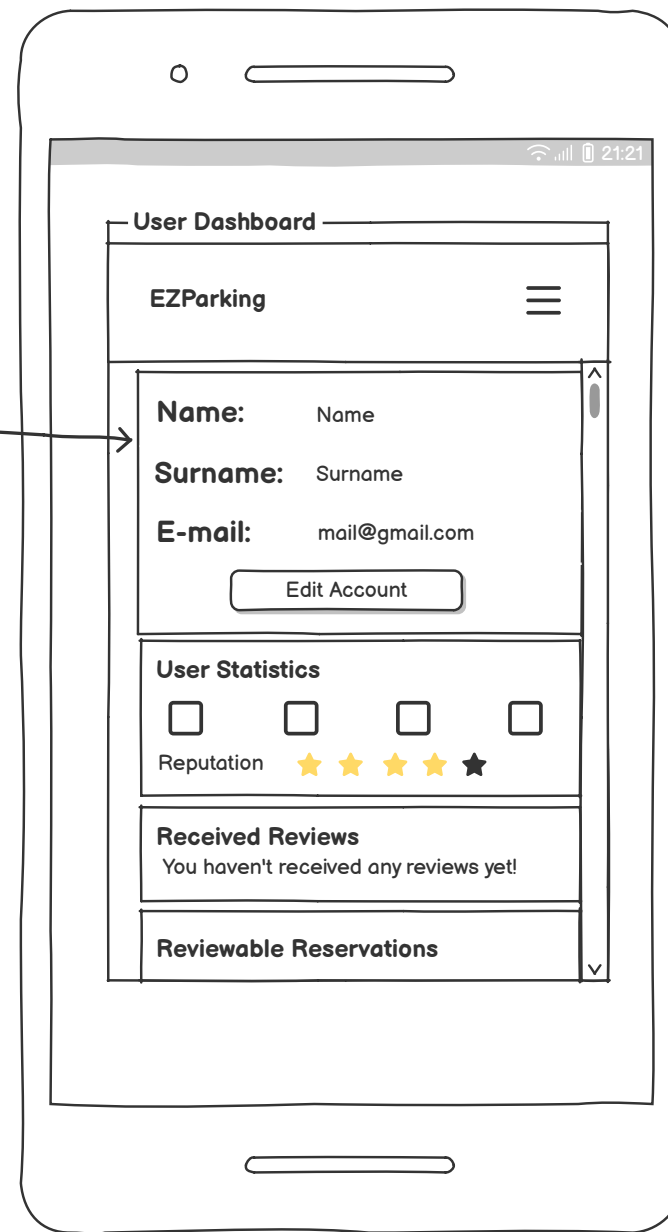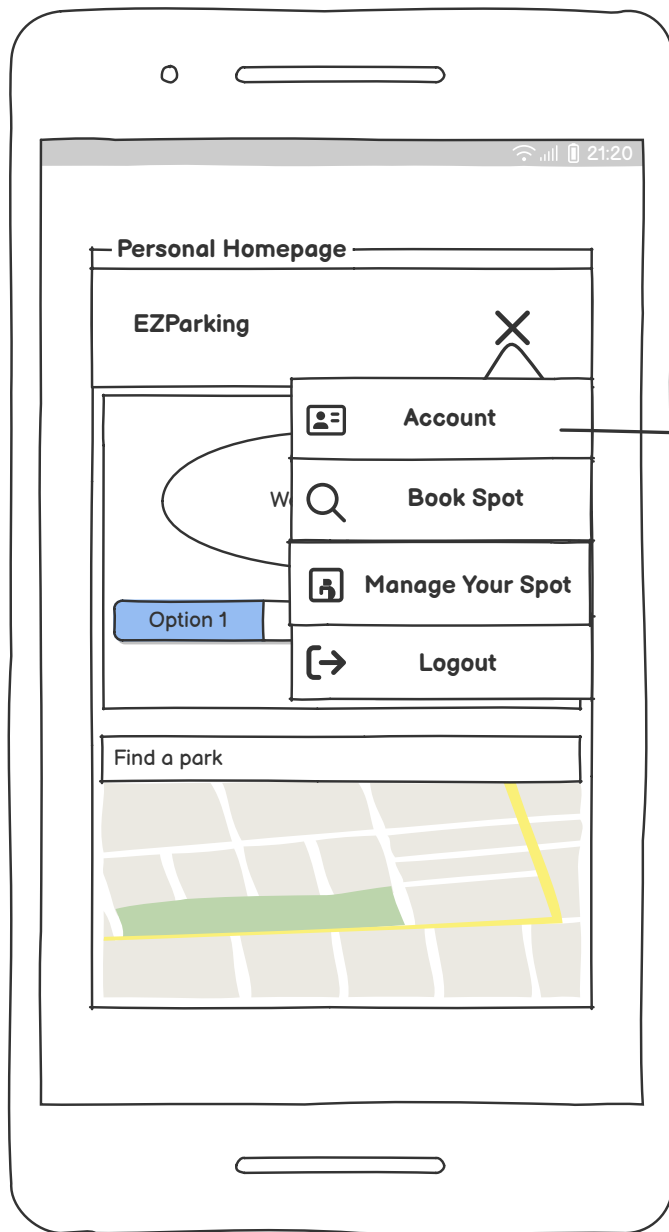
9 - As a user I want to have a personal dashboard so that I can check my personal data and history.

11 - As user I want to see my statistics in the personal dashboard, so I can know the number of my active reservations, my available parking spots and more.

27 - As a driver I want to access my reputation score on my dashboard so I can know which parking spaces I can book.

29 - As a driver I want to see all the reviews I have received from the residents so that I can evaluate my behaviour.

Personal Homepage

EzParking ☰

Welcome User!

| Option 1 | Option 2 | Option 3 |

Find a park
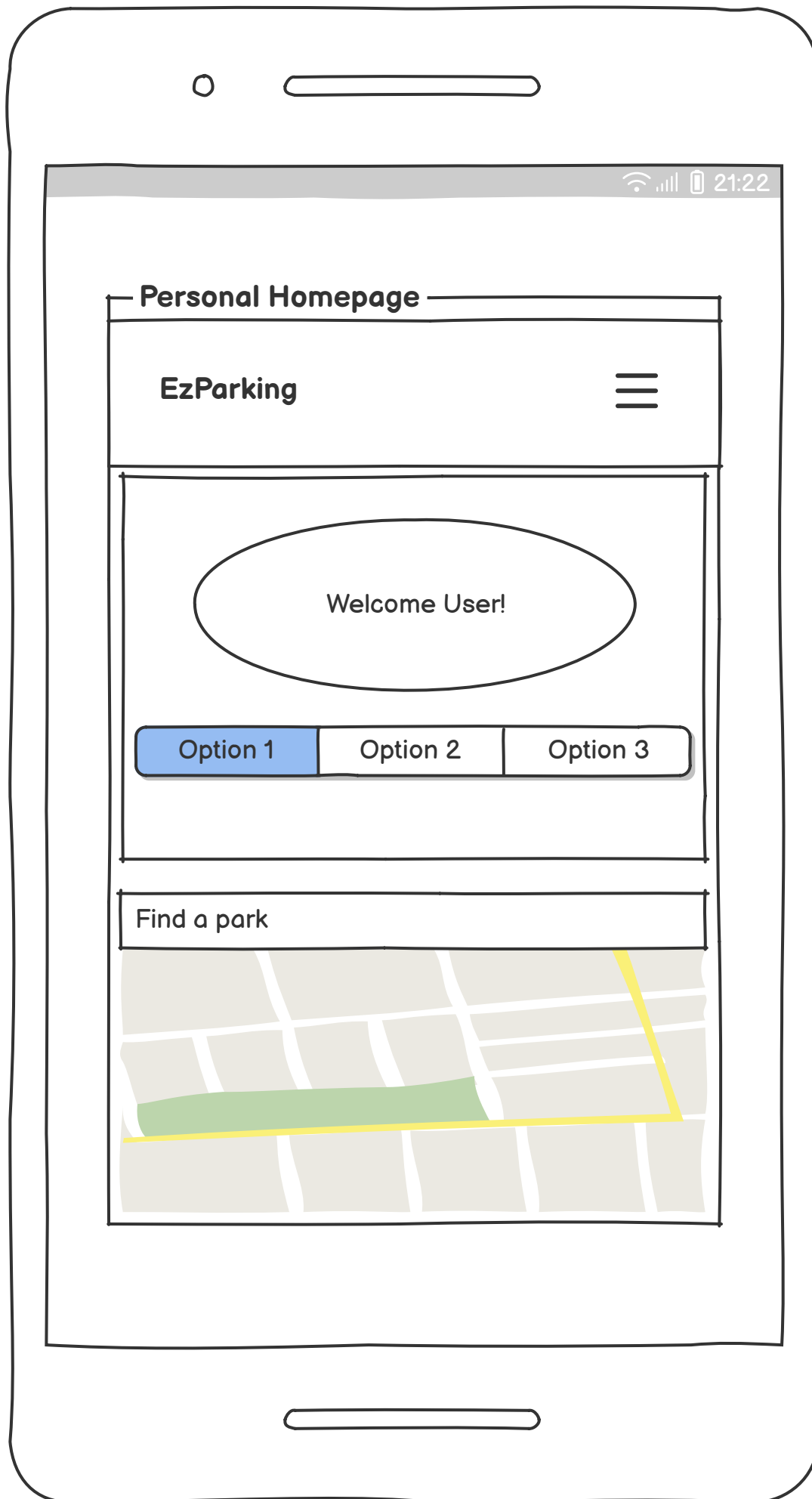
10 - As a user I want to see all the functionalities of the app in my homepage so that I can access easily to them

14 - As a driver I want a map in the homepage that displays all the available parking spots so that I can precisely choose the parking spot position.

Notification Content

← ⤓ 🗑 ⋯

Your account has been enabled ☆

ⓐ ezparking.notifications

EZPARKING
Enabled Account
Hello user, we inform you that your account has been enabled again!
EzParking - 2025

Notification Content

← ⤓ 🗑 ⋯

Your account has been disabled ☆

ⓐ ezparking.notifications

EZPARKING
Disabled Accoun
Hello user, we inform you that your account has been disabled!
EzParking - 2025
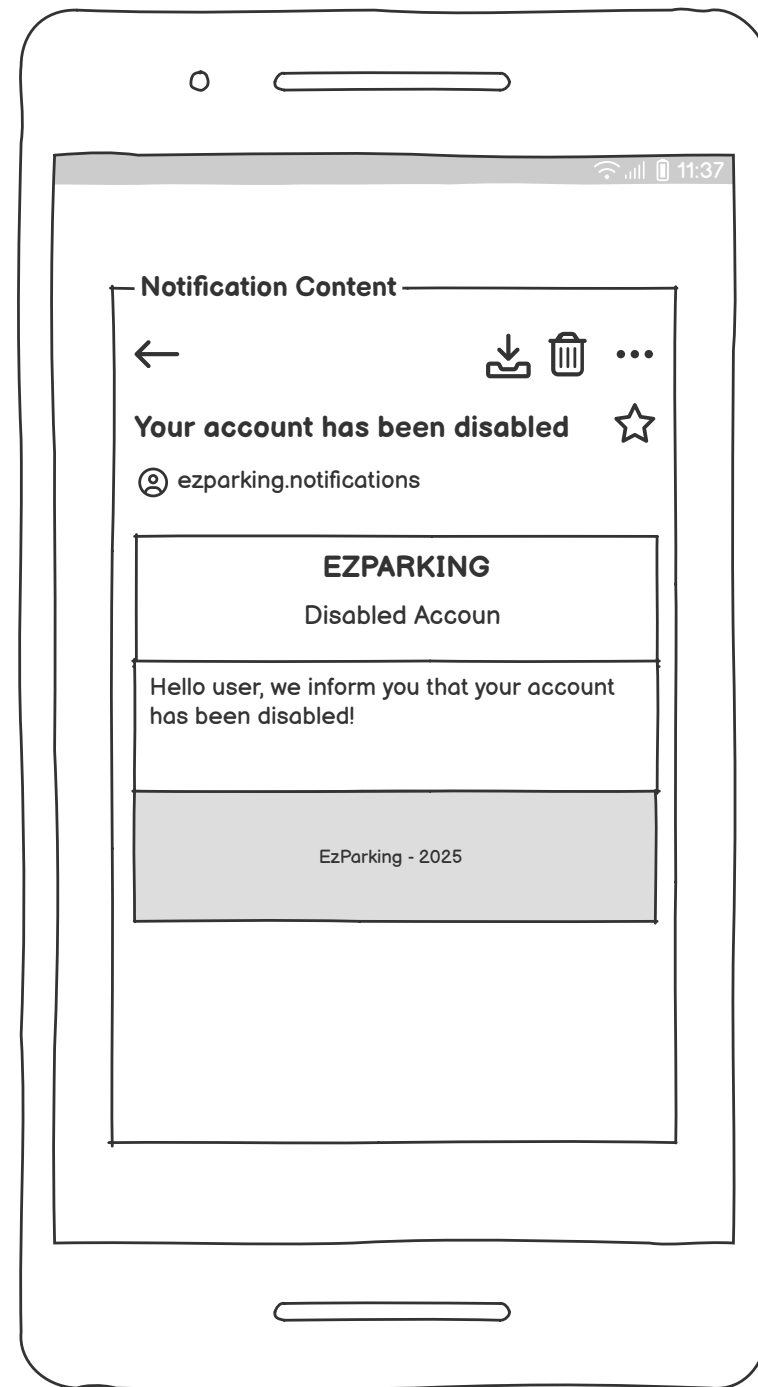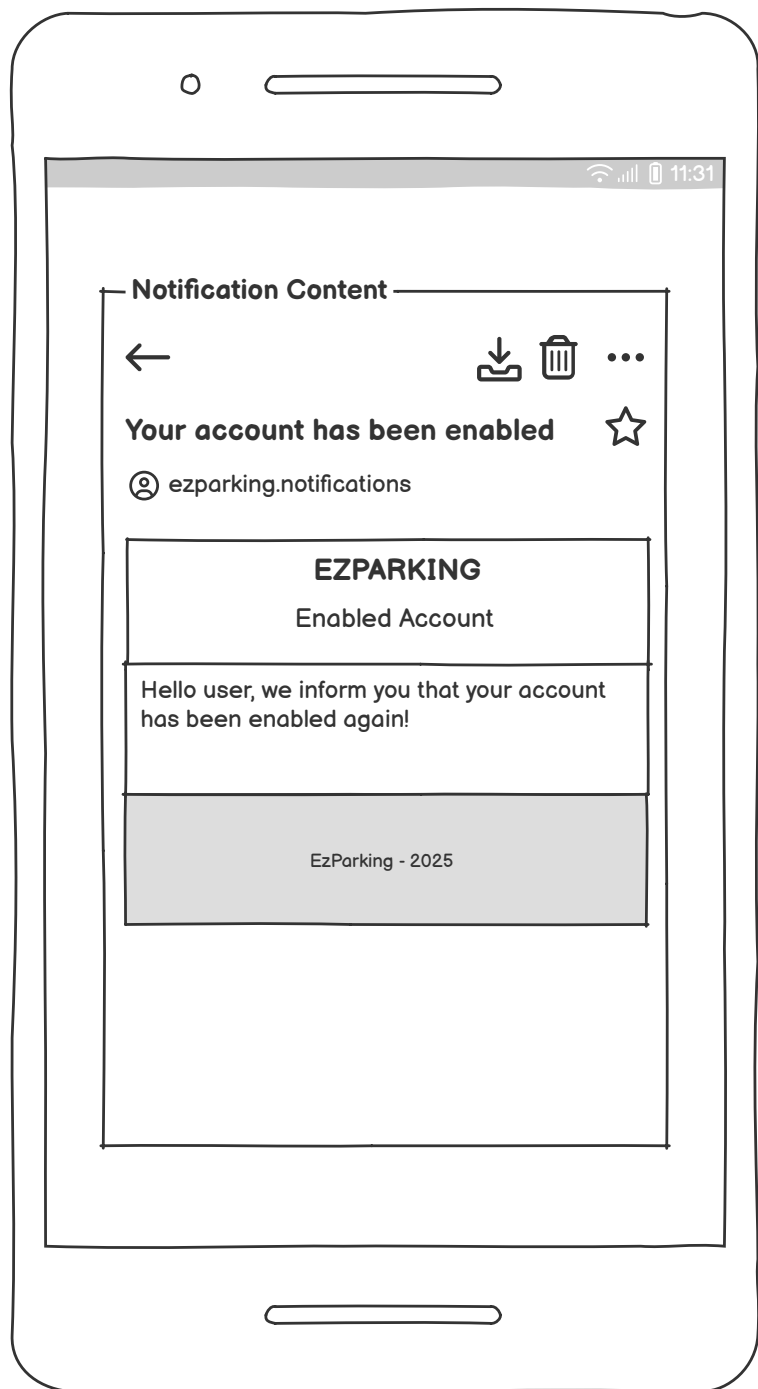
12 - As a user I want to receive a notification if my account has been disabled or enabled by administrators so that I know if I can use the app.

Homepage

EzParking
☰

Homepage
EzParking Application

Book Parking Spots *Manage Your Spots*

My Reservation *Calendar*

Personal Calendar

EZParking
☰

Wednesday

17:00-18:00 Reservation for Parking 1

19:00-20:00 MyParking 2 Free

Thursday

09:00-12:00 MyParking Free

15:00-17:00 MyParking Booked
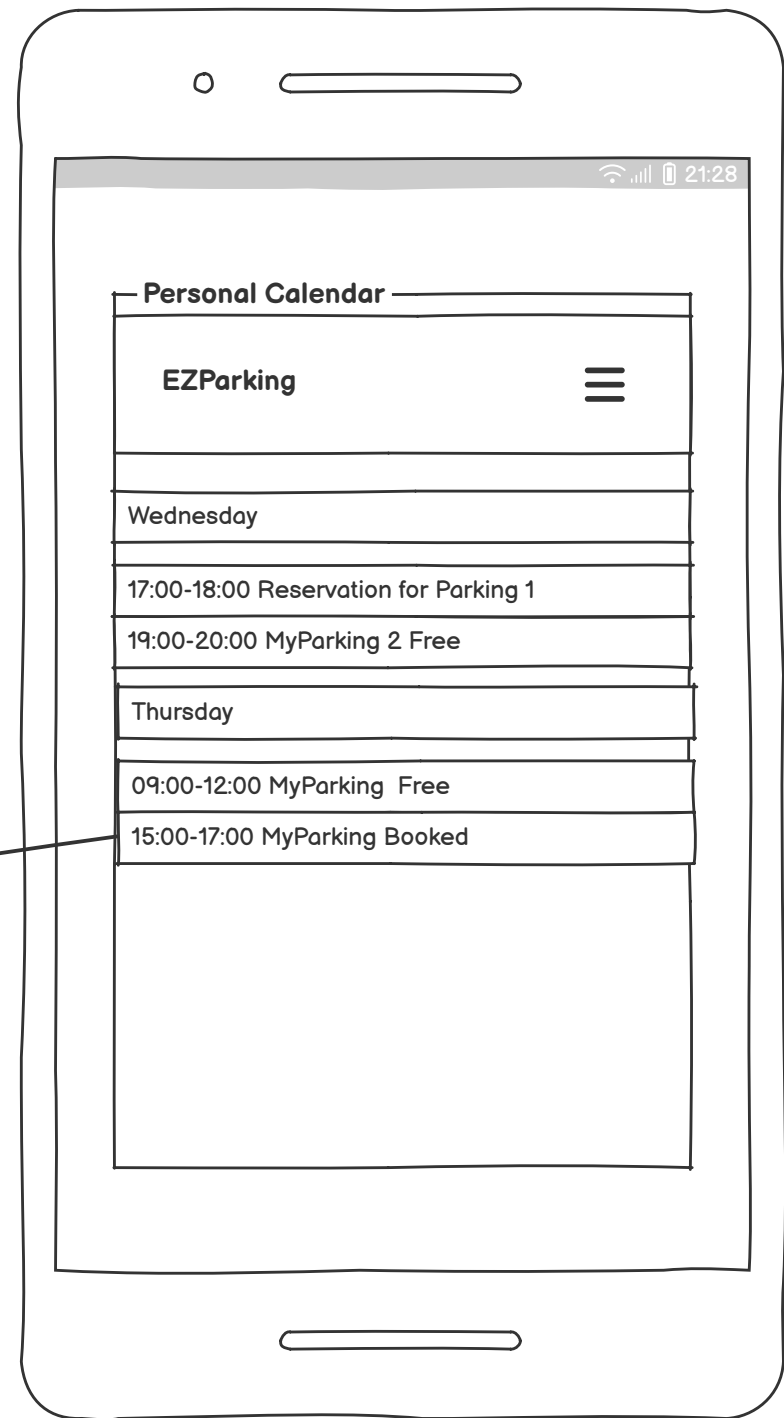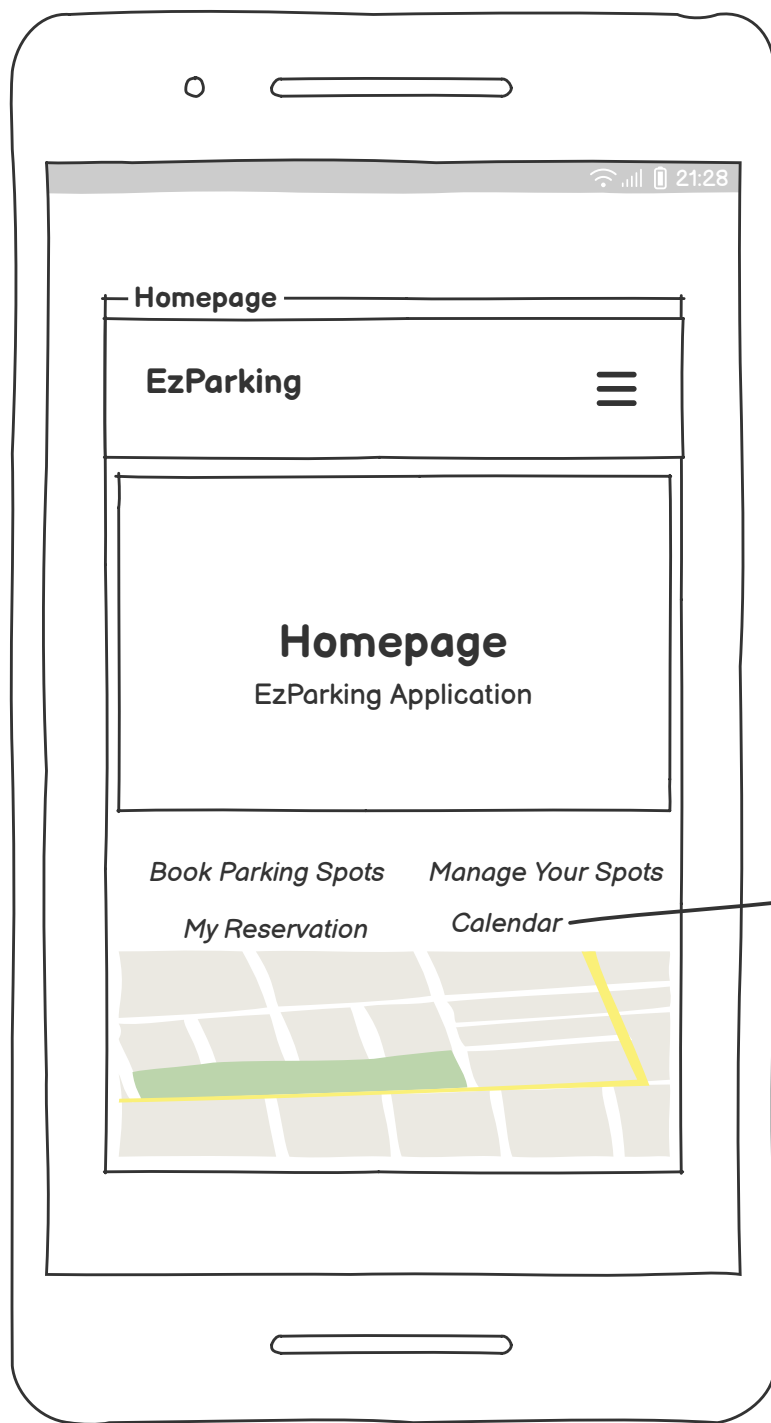
13 - As a user I want to see all my bookings and/or my parking spots in a calendar view, so I can quickly understand my schedule and have a clear overview reservations.

Search Parking Spot

EZParking

Q Insert Location   Search

Search Parking Spot with Filters

EZParking

Q Insert Location   Search

Distance from your position

☐ <0.6 km   ☐ <1 km

☐ 1 km   ☐ >1 km

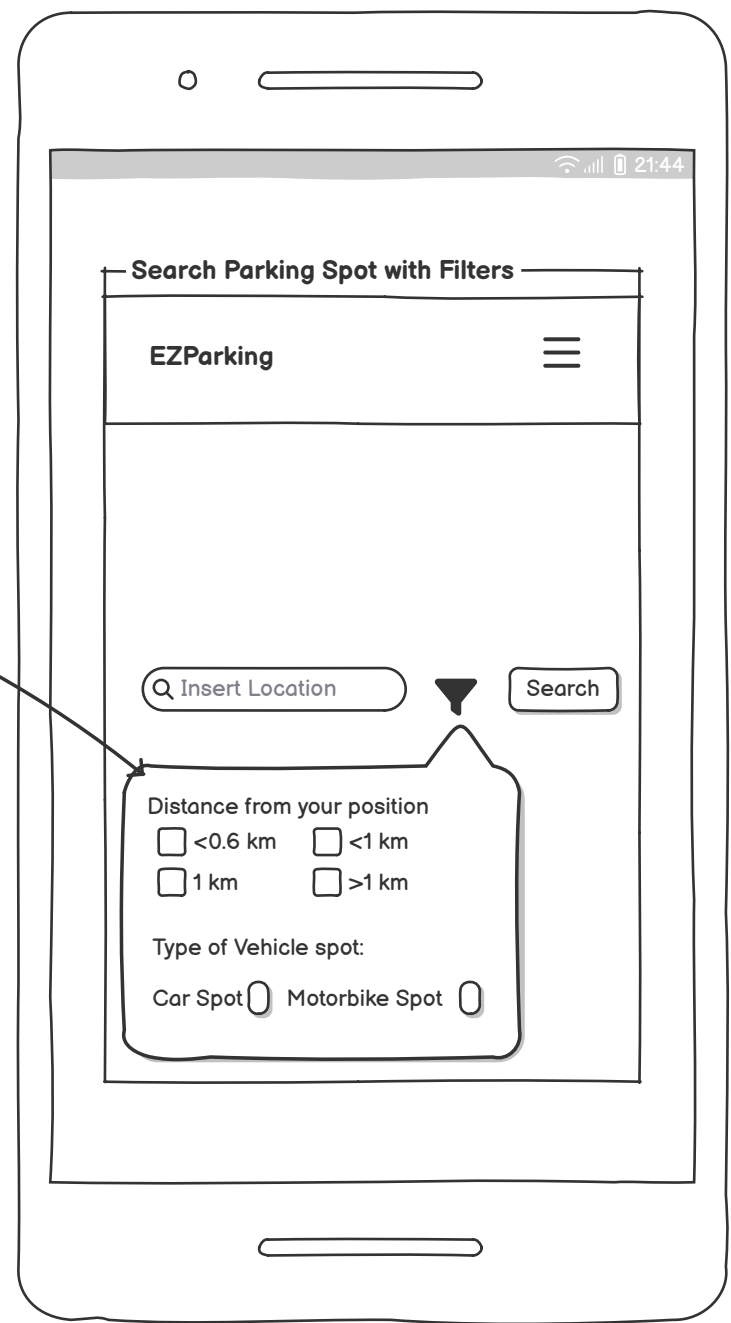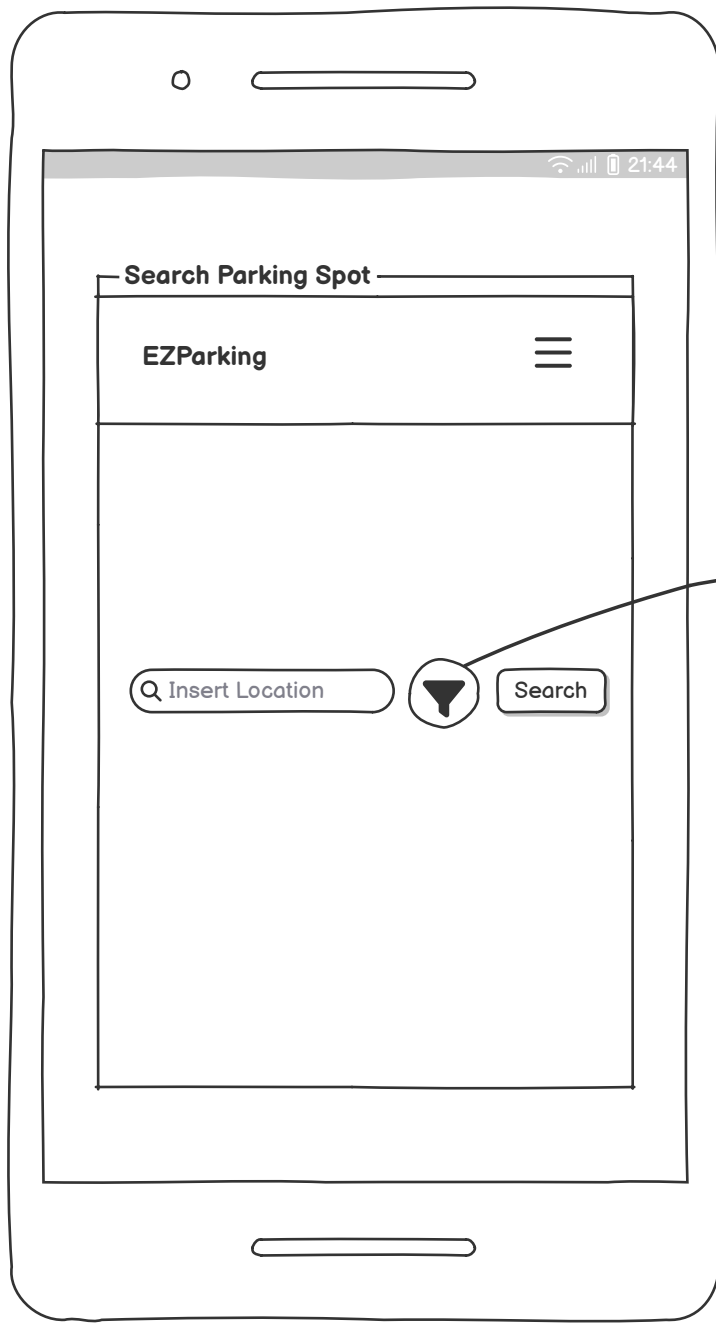Type of Vehicle spot:

Car Spot ◯   Motorbike Spot ◯

15 - As a driver I want a map in the homepage that displays all the available parking spots so that I can precisely choose the parking spot position.

17 - As a driver I want to be able to search parking spots through filters so that I can find the best parking for my needs.

18 - As a driver I want to search for a parking spot selecting a distance range so that I can find the parking space in the best possible position.

Notification Content

← ⬇ 🗑 ⋯

New Parking Spot Available Near You ☆

👤 ezparking.notifications

EZPARKING
New Parking Spot Available Near You
Hello user, a parking spot has just become available near your position!
EzParking - 2025

16 - As a driver I want to receive a notifcation when there is a free parking spot near my current position so I c
it if I need it

Screen 1 — Search Parking Spot with Filters

0:03

Search Parking Spot with Filters

EZParking ☰

Parking 1
Address
Date
Time Slot 17:00-18:00
100$
Resident Name

Book Now

Parking 2
Address
Date
Time Slot 20:00-21:00
200$
Resident Name

Book Now

Screen 2 — Book Available Parking

11:21

Book Available Parking

EzParking ☰

Go Back   **Parking 1, Address**

Book Your Spot

02/10/2025   📅

Available Spots:

17:00-18:00

19:00-20:00

Vehicle Plate insert your vehicle

Checkout :   €

Payment method

Credit Card   Apple Pay   Google Pay

Book

19 - As a driver I want to book a parking spot for a specific interval of time and pay for it so that I can easily park my car.

23 - As a driver I want to choose the payment method so that I can pay the parking spot in several digital ways.

Screen 1 — Search Parking Spot with Filters

EZParking

🔍 Insert Location

Distance from your position
- ☐ <0.6 km ☑ <1 km
- ☐ 1 km ☐ >1 km
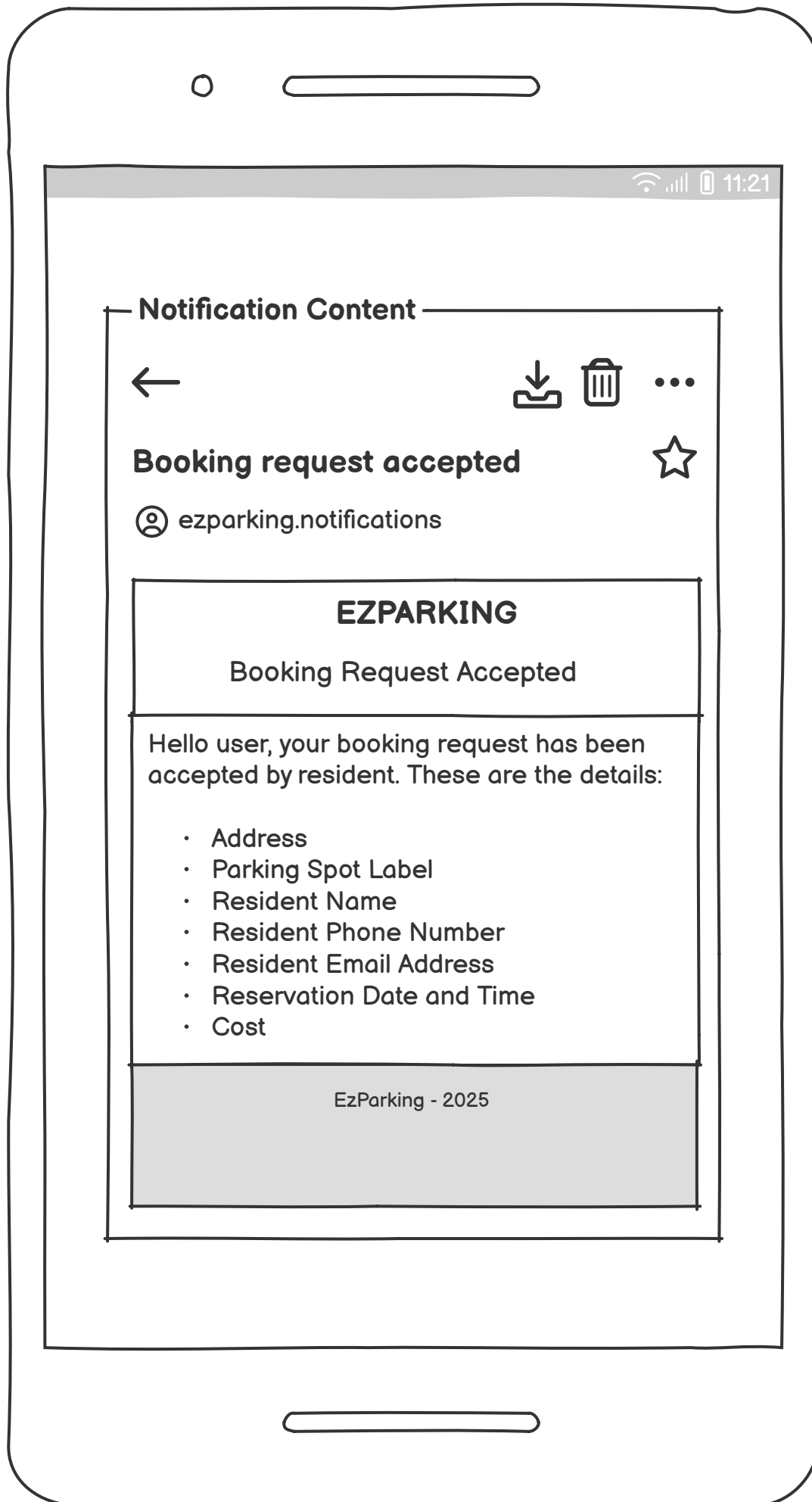
Type of Vehicle spot:

Car Spot ☐   Motorbike Spot ☐

Search

Screen 2 — Search Parking Spot with Filters

EZParking

Parking 1
Address
Date 02/10/2025
Time Slot 17:00-18:00
100$
Resident Name

Book Now

Parking 2
Address
Date 02/10/2025
20:00-21:00
200$
Resident Name

Book Now
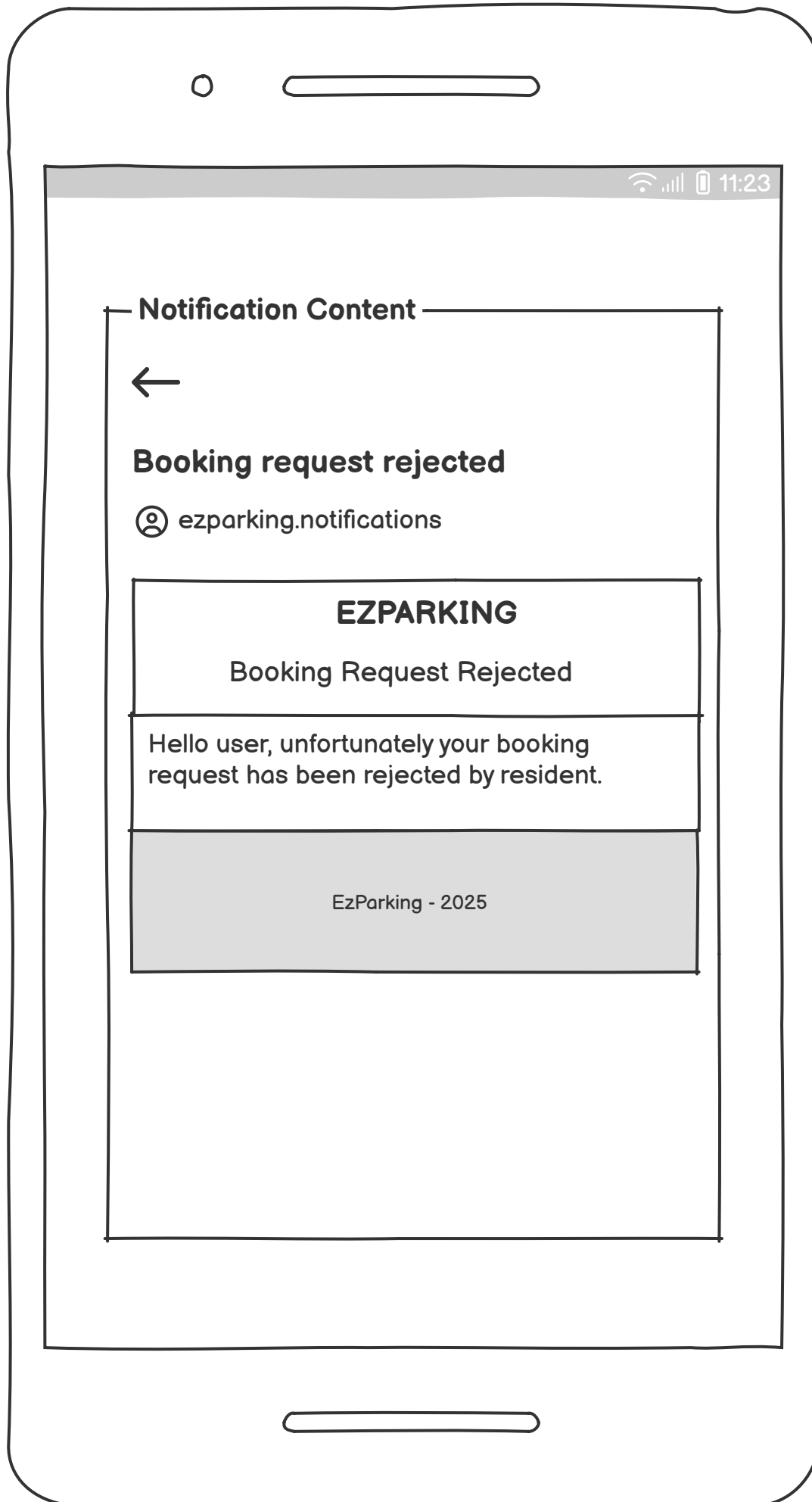
20 - As a driver I want to see all parking spots available when I search for them, in order to decide myself which I want to book.

Notification Content

← ⬇ 🗑 ⋯

Booking request accepted ☆

👤 ezparking.notifications

EZPARKING

Booking Request Accepted

Hello user, your booking request has been accepted by resident. These are the details:

- Address
- Parking Spot Label
- Resident Name
- Resident Phone Number
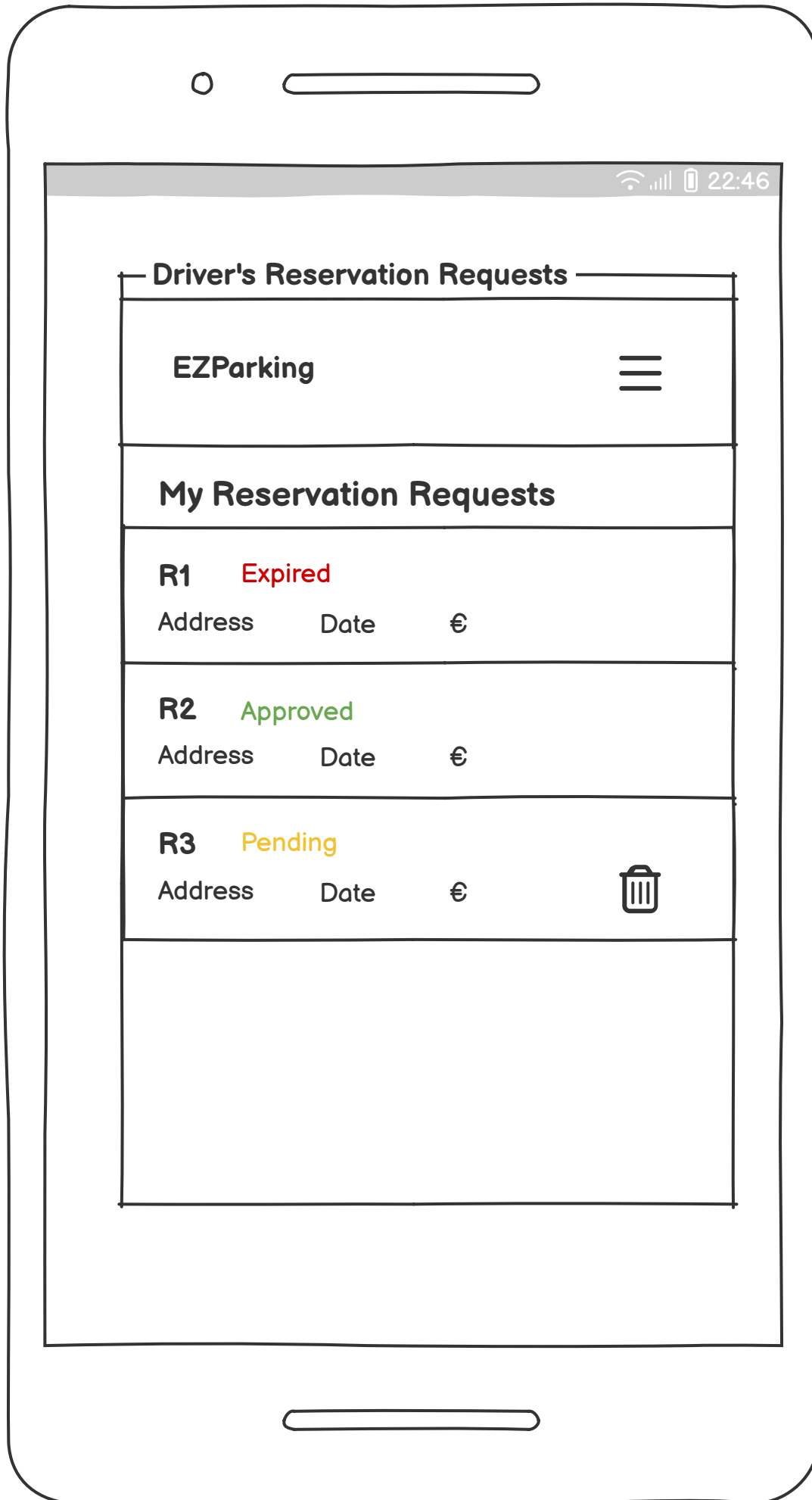- Resident Email Address
- Reservation Date and Time
- Cost

EzParking - 2025

21 - As a driver I want to receive the booking confirmation by email when the resident accepts my request, so t
check the reservation details.
28 - As a driver I want to receive the details of the resident after a booking so that I can contact them if needed

Notification Content

←

Booking request rejected

👤 ezparking.notifications

EZPARKING
Booking Request Rejected
Hello user, unfortunately your booking request has been rejected by resident.
EzParking - 2025

22 - As a driver I want to receive a notification when a resident rejects my request, so I can know whether I hav
book another parking spot.

Driver's Reservation Requests

EZParking ☰

My Reservation Requests

R1   Expired

Address   Date   €

R2   Approved

Address   Date   €

R3   Pending

Address   Date   €   🗑

24 - As a driver I want to see the list of all my reservations requests, so that I can see which are still waiting to be accepted by the resident and which have been already accepted or rejected.

Left phone screen:

Driver's Reservations Requests

EZParking ☰

My Reservations

R1   Expired
Address   Date   €

R2   Approved
Address   Date   €

R3   Pending
Address   Date   €   🗑

Right phone screen:

Drivers' Reservations

EZParking ☰

My Reservations

R1   Expired
Address   Date   €

Alert

Are you sure you want to
delete the reservation?

R2   A
Address

No   Yes

R3
Address   Date   €   🗑
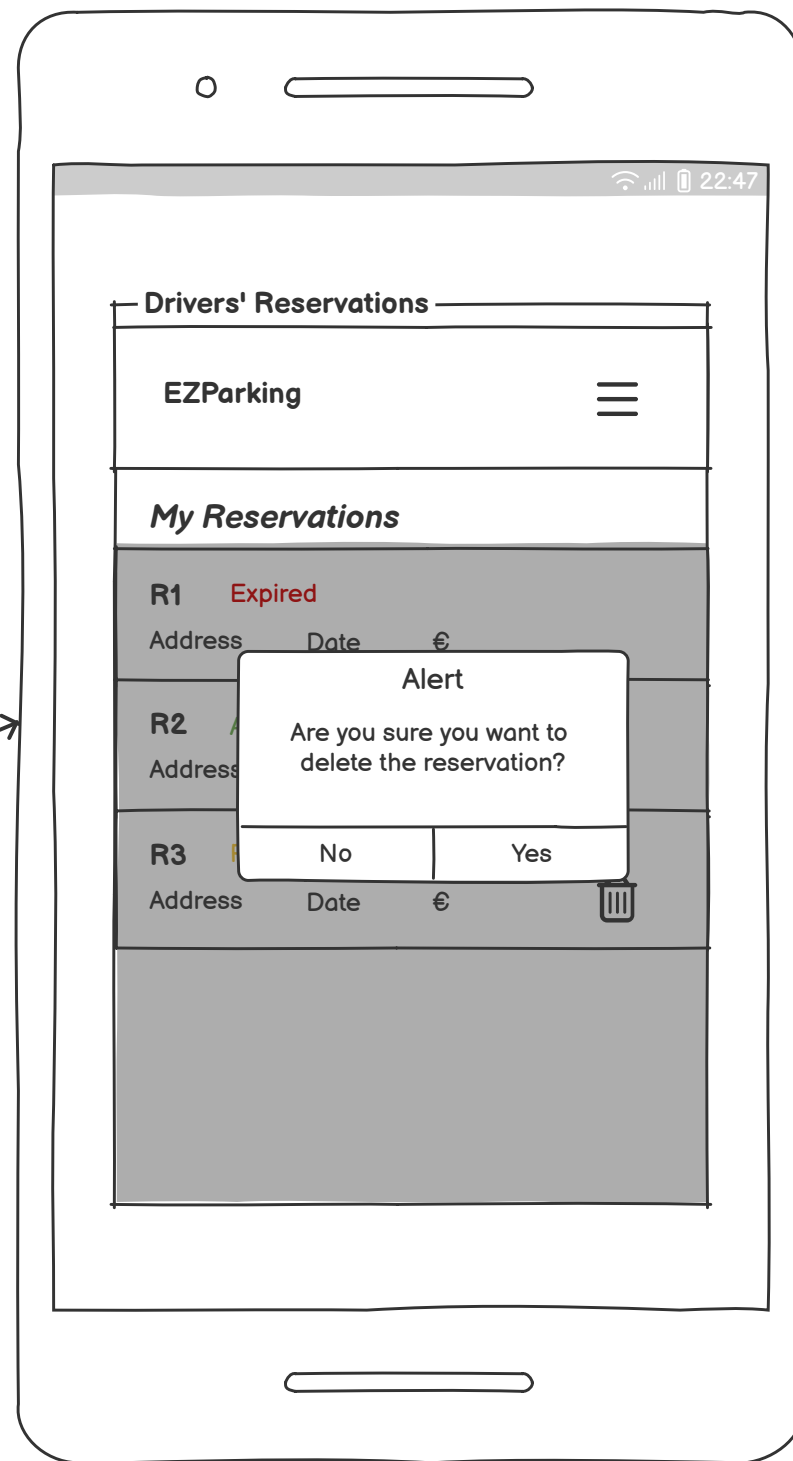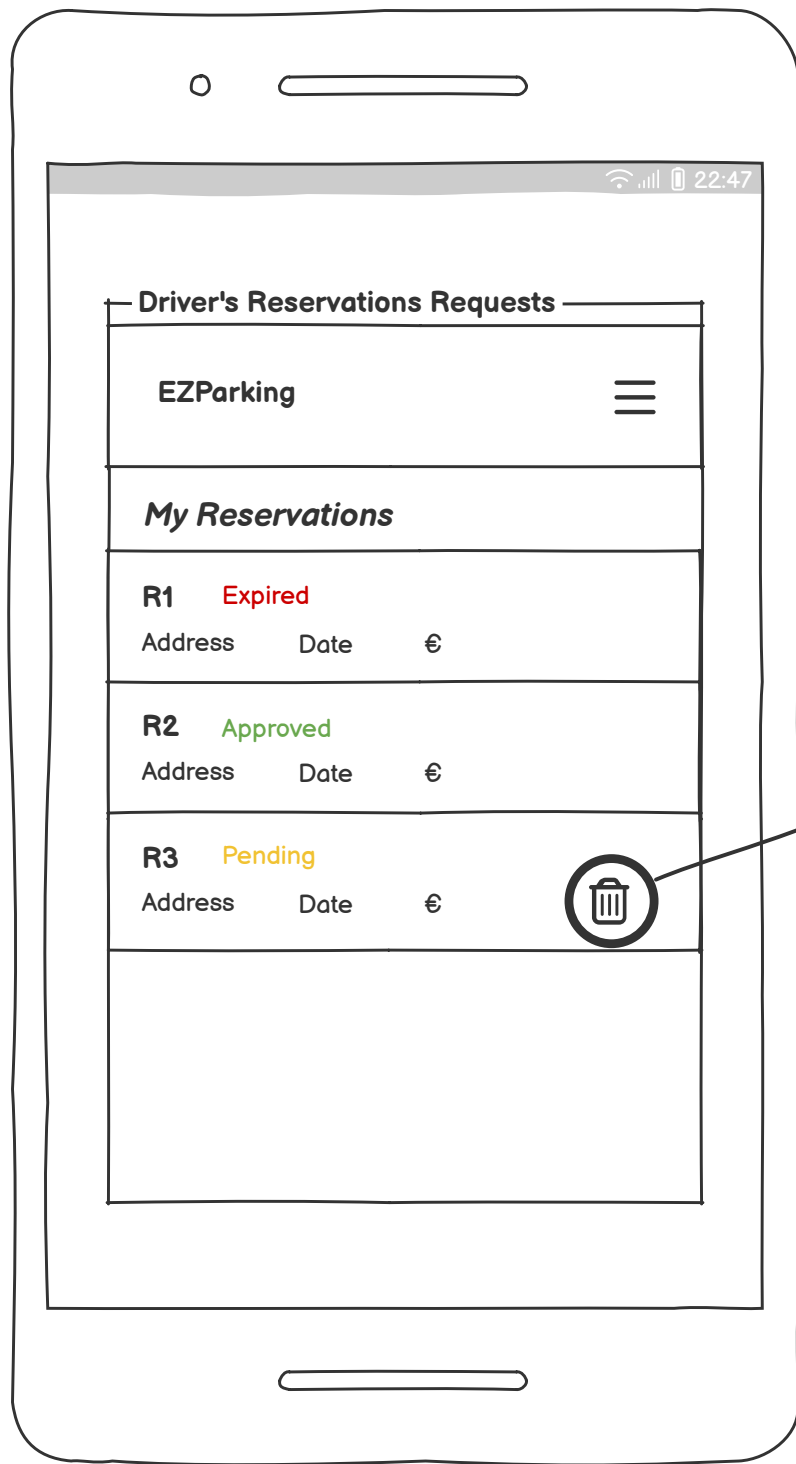
25 - As a driver I want to be able to delete a reservation request so that I can free a parking spot if I don't need it anymore.

Phone 1 — Driver Dashboard

— Driver Dashboard —

EzParking ☰

Name: Name

Surname: Surname

E-mail: mail@gmail.com
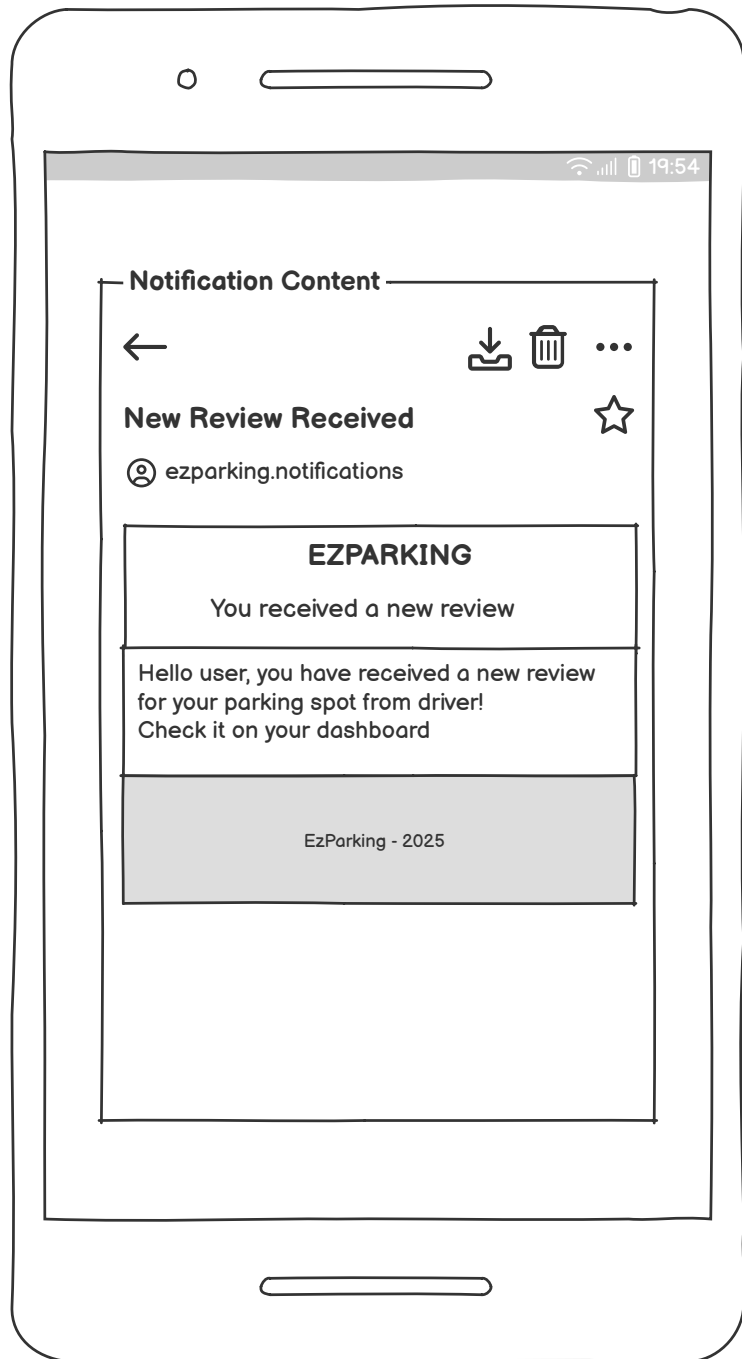
Edit Account

User Statistics

☐ ☐ ☐ ☐

Reputation ★ ★ ★ ★ ★

Received Reviews

Resident 1 Date ★ ★ ★ ★ ★

Review text

Phone 2 — Driver Dashboard

— Driver Dashboard —

EzParking ☰

User Statistics

☐ ☐ ☐ ☐

Reputation ★ ★ ★ ★ ★

Received Reviews

Resident 1 Date ★ ★ ★ ★ ★

Review text

Reviewable Reservations

Resident 1

Parking Spot
Date   Time Slot Booked   Car Plate

Phone 3 — Driver Dashboard

— Driver Dashboard —

EZParking ☰

User Statistics

☐ ☐ ☐ ☐

Rate and leave a review

★ ★ ★ ★ ★

Write something for Resident1...

Submit

Reviewable Reservations

Resident 1

Parking Spot
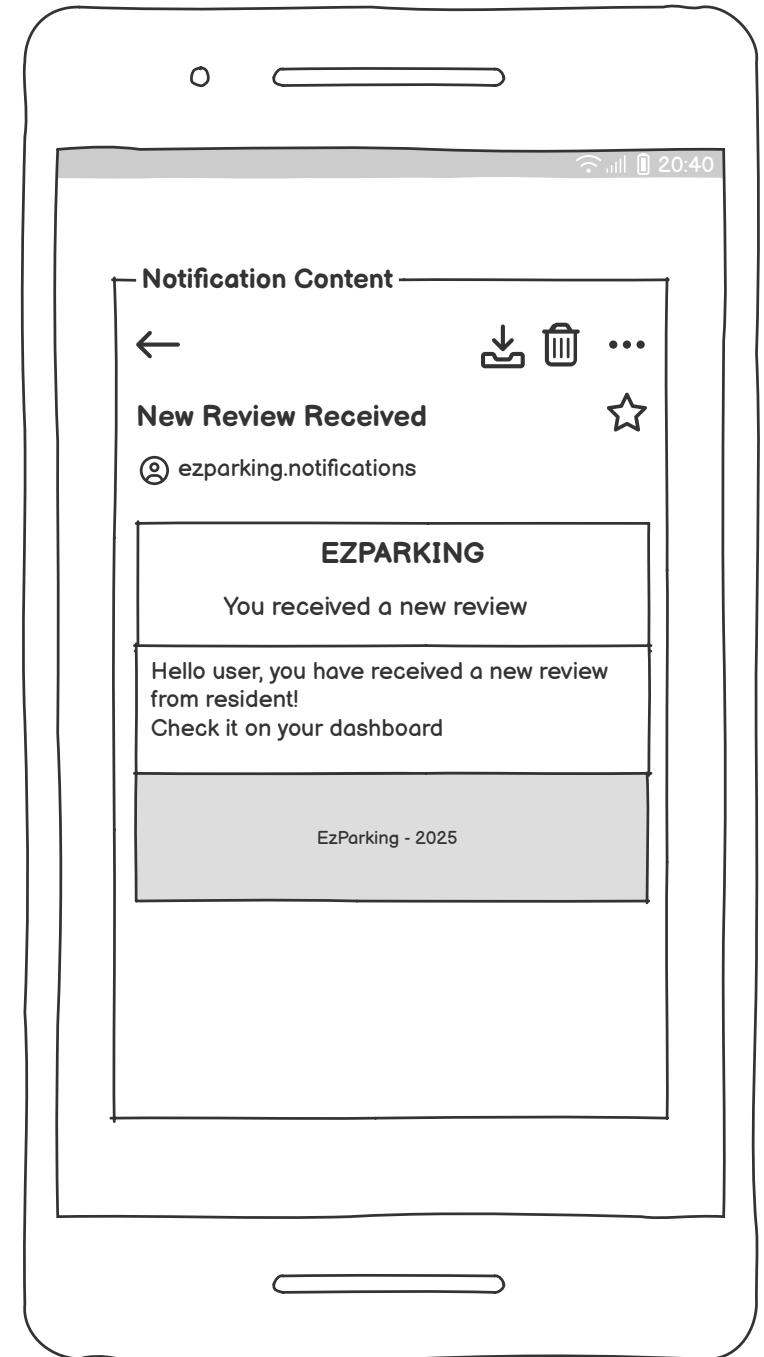Date   Time Slot Booked   Car Plate

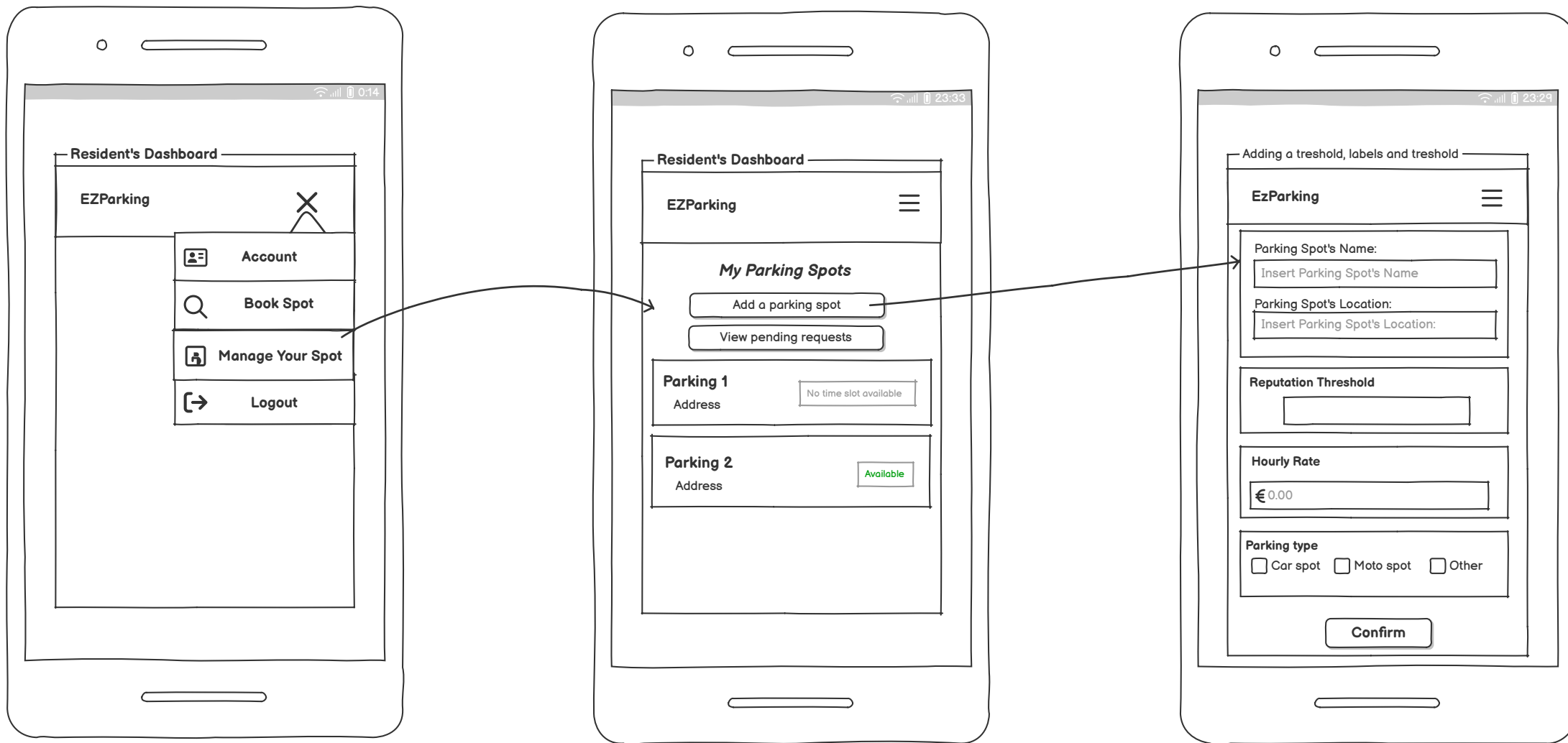26 - As a driver I want to rate and comment the parking service so that I can share my parking experience with other drivers.

30 - As a driver I want to rate the resident whose parking spot I booked, so that I can share my experience.

Review from driver

Notification Content

New Review Received

ezparking.notifications

EZPARKING

You received a new review

Hello user, you have received a new review for your parking spot from driver!
Check it on your dashboard

EzParking - 2025

Review from resident

Notification Content

New Review Received

ezparking.notifications

EZPARKING

You received a new review

Hello user, you have received a new review from resident!
Check it on your dashboard

EzParking - 2025

31 - As a user I want to receive a notifcation when other users leave me reviews and ratings so I can check immediately how was their experience.

Resident's Dashboard

EZParking

- Account
- Book Spot
- Manage Your Spot
- Logout

Resident's Dashboard

EZParking

My Parking Spots

Add a parking spot

View pending requests

Parking 1
Address
No time slot available

Parking 2
Address
Available

Adding a treshold, labels and treshold

EzParking

Parking Spot's Name:
Insert Parking Spot's Name

Parking Spot's Location:
Insert Parking Spot's Location:

Reputation Threshold

Hourly Rate
€ 0.00

Parking type
☐ Car spot ☐ Moto spot ☐ Other

Confirm
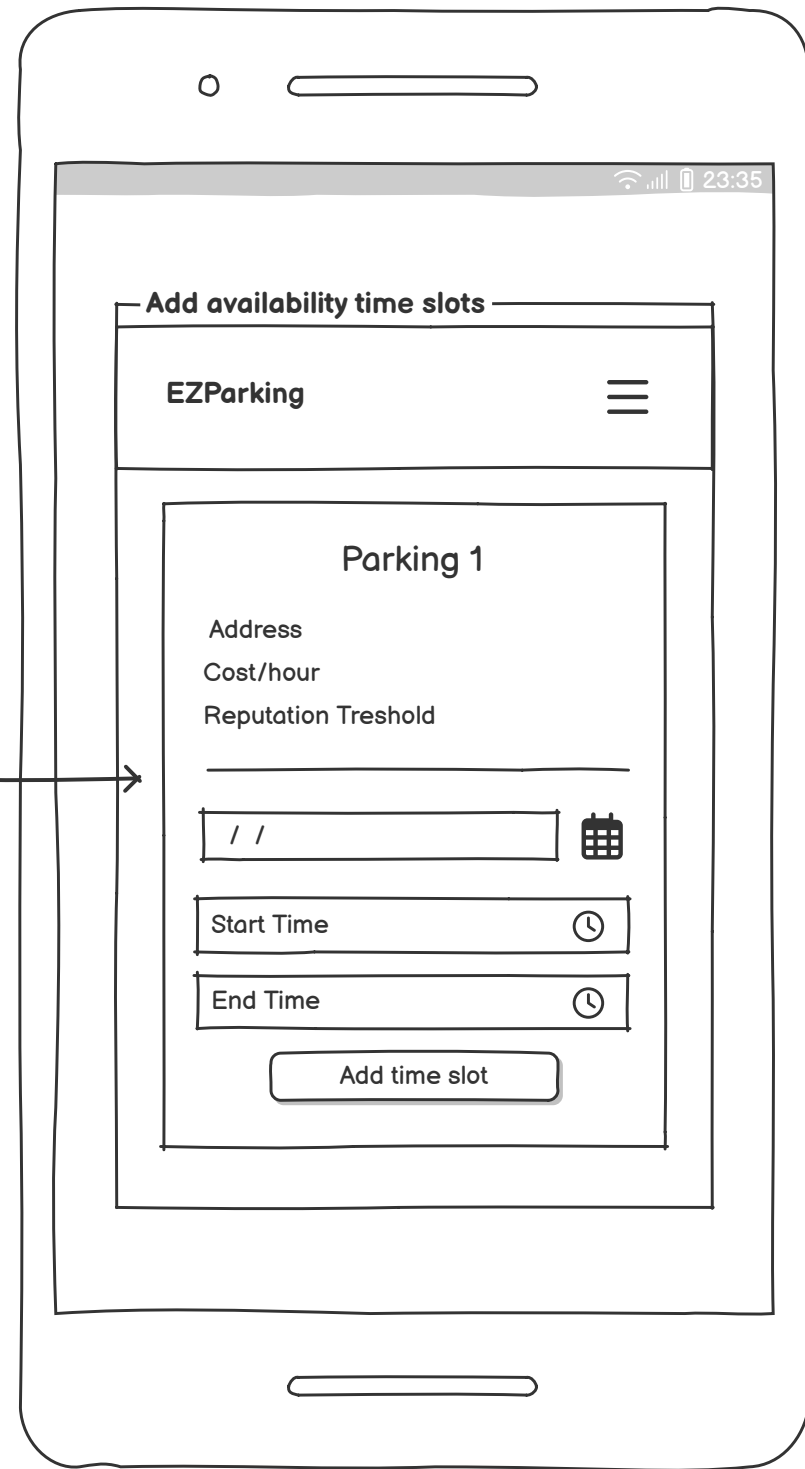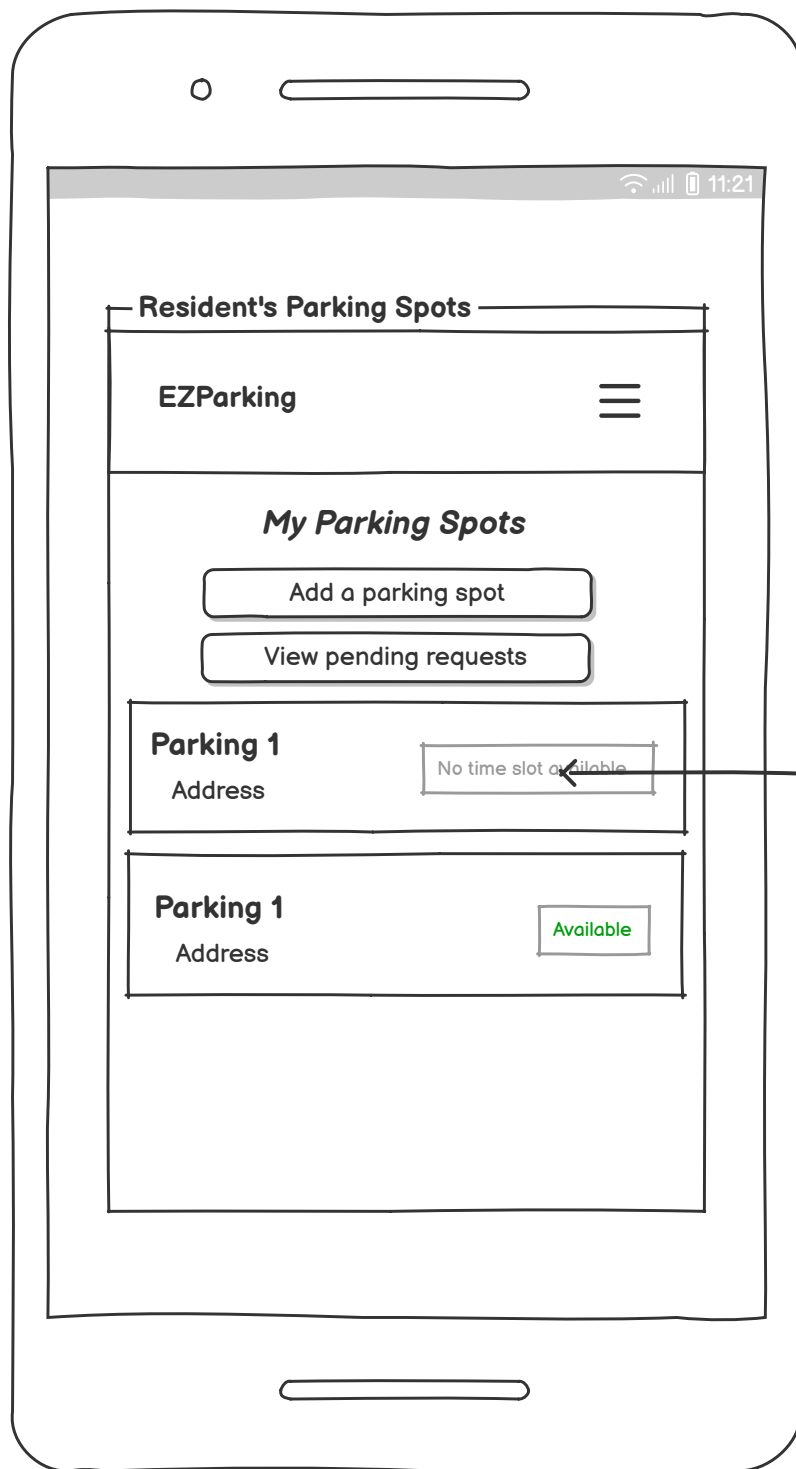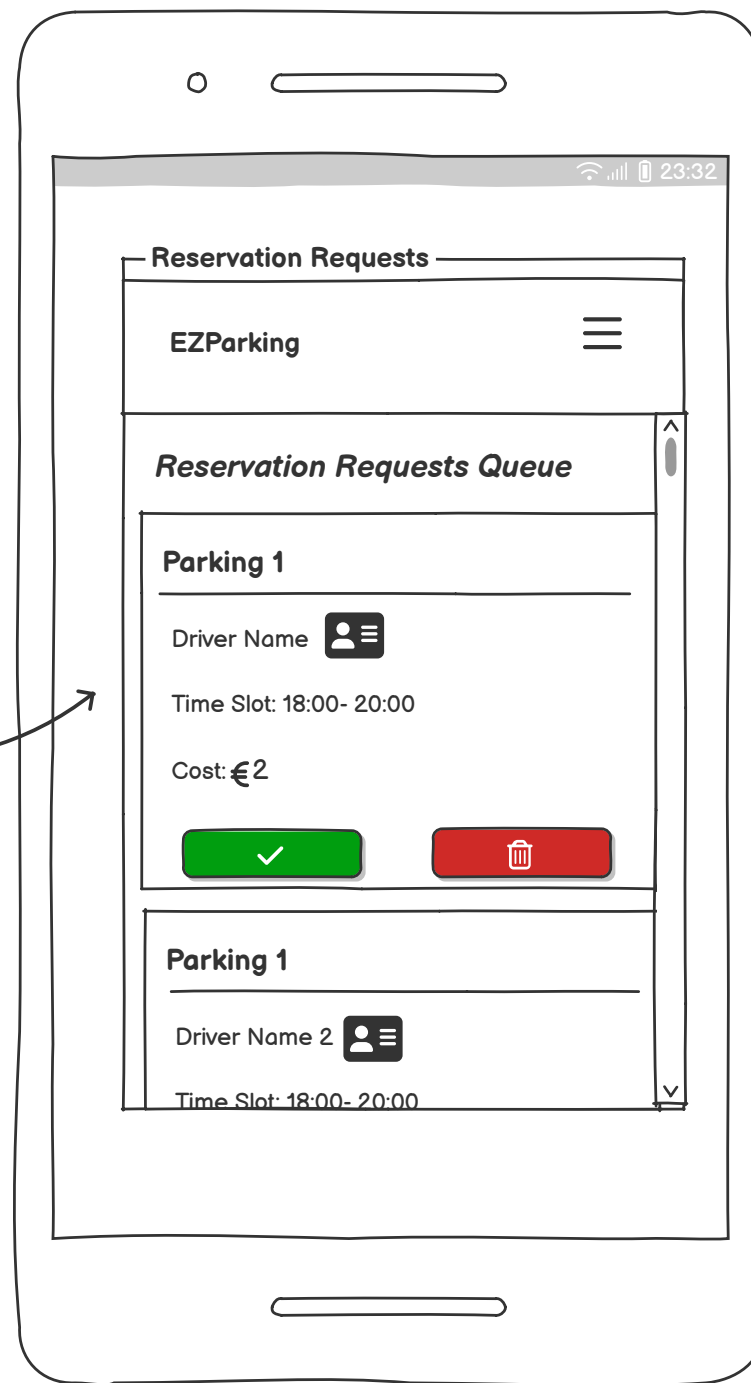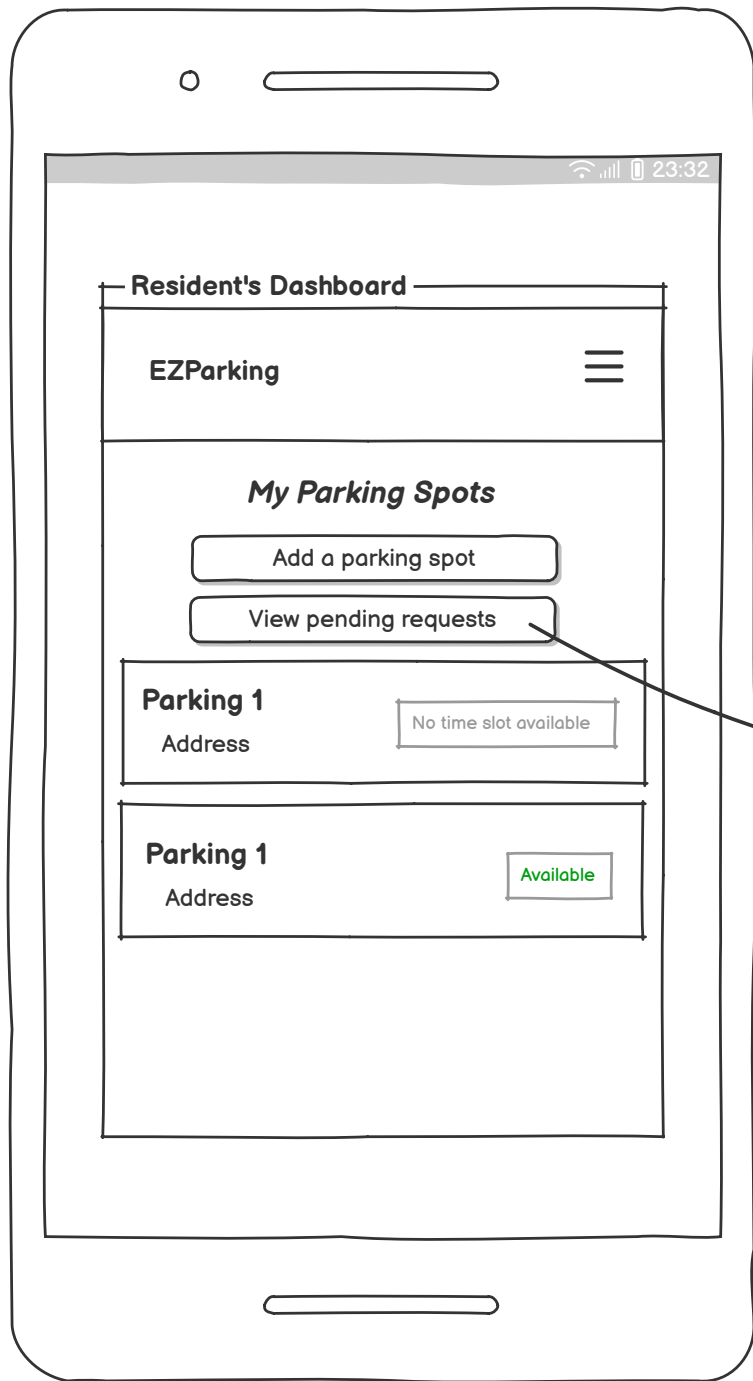
32 - As a resident I want to insert into the system my parking space so that I can share it with other users and gain revenues.

33 - As a resident I want to assign labels to my parking spots so that drivers can easily search for them.

38 - As a resident I want to set a reputation treshold to reserve a parking spot, so that I can give priority to higher reputation users.

Resident's Parking Spots

EZParking ☰

My Parking Spots

Add a parking spot

View pending requests

Parking 1
Address

No time slot available

Parking 1
Address

Available

Add availability time slots

EZParking ☰

Parking 1

Address
Cost/hour
Reputation Treshold

_____

| / / | 📅 |

| Start Time | 🕐 |

| End Time | 🕐 |

Add time slot

---

34 -As a resident I want to view a list of all my parking spots and add availability time slots, so I can decide when each spot can be booked by the drivers.

Resident's Dashboard

EZParking ☰

My Parking Spots

[Add a parking spot]

[View pending requests]

Parking 1
Address | No time slot available |

Parking 1
Address | Available |

Reservation Requests

EZParking ☰

Reservation Requests Queue

Parking 1
_____

Driver Name 🪪

Time Slot: 18:00- 20:00

Cost: € 2

[✓]   [🗑]

Parking 1
_____

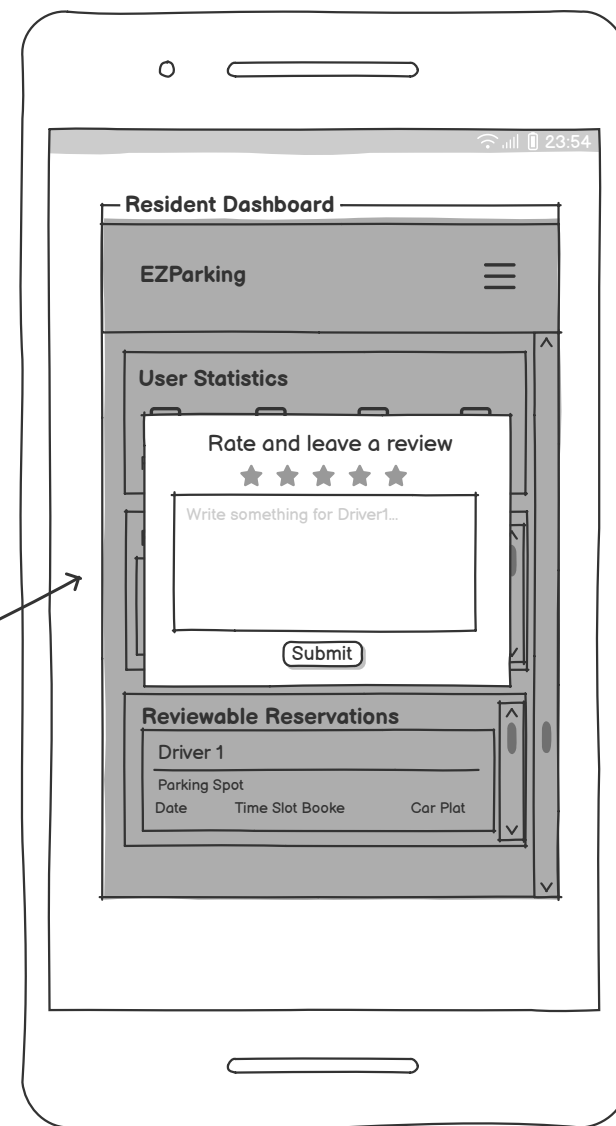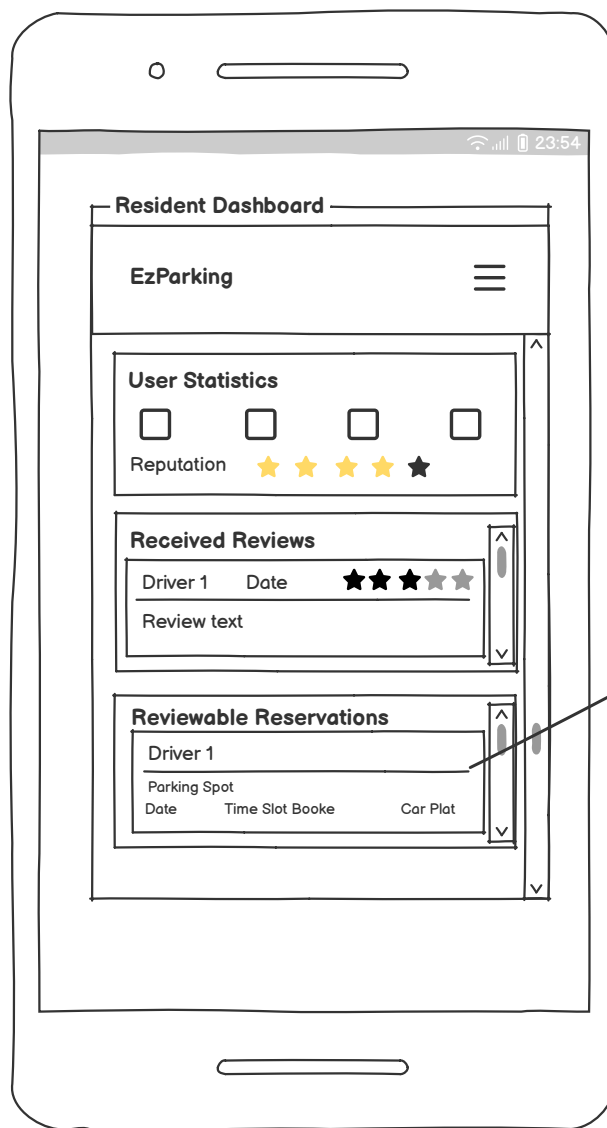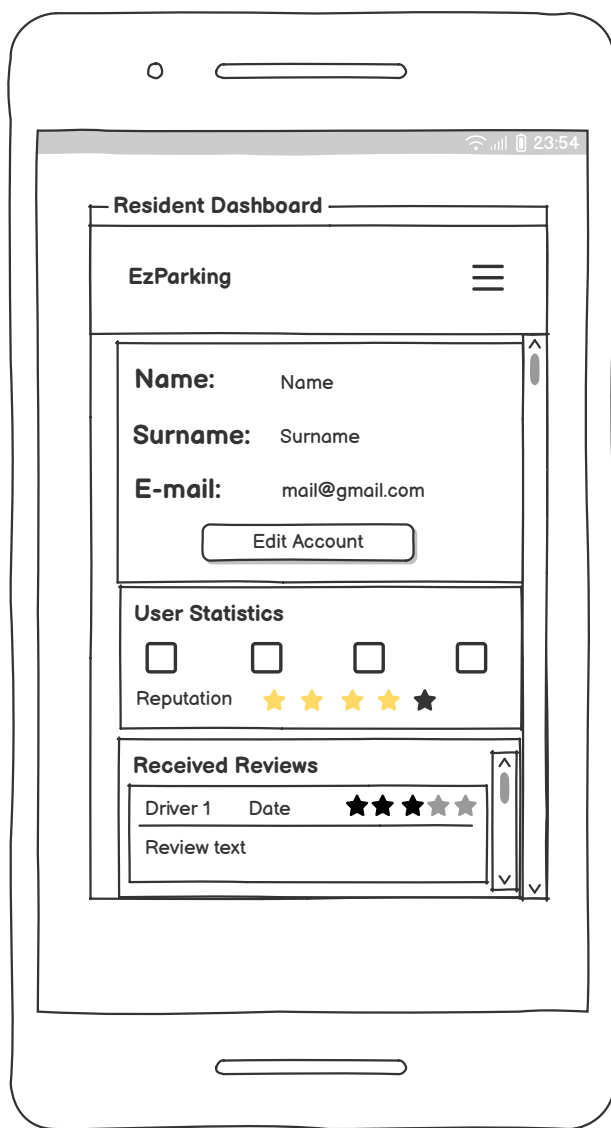Driver Name 2 🪪

Time Slot: 18:00- 20:00

35 - As a resident I want to view all booking requests for my parking spots so that I can choose which drivers to authorize for each specific spot and time slot.

37 - As a resident I want to reject a reservation request so that I can have the full control of my parking spaces.
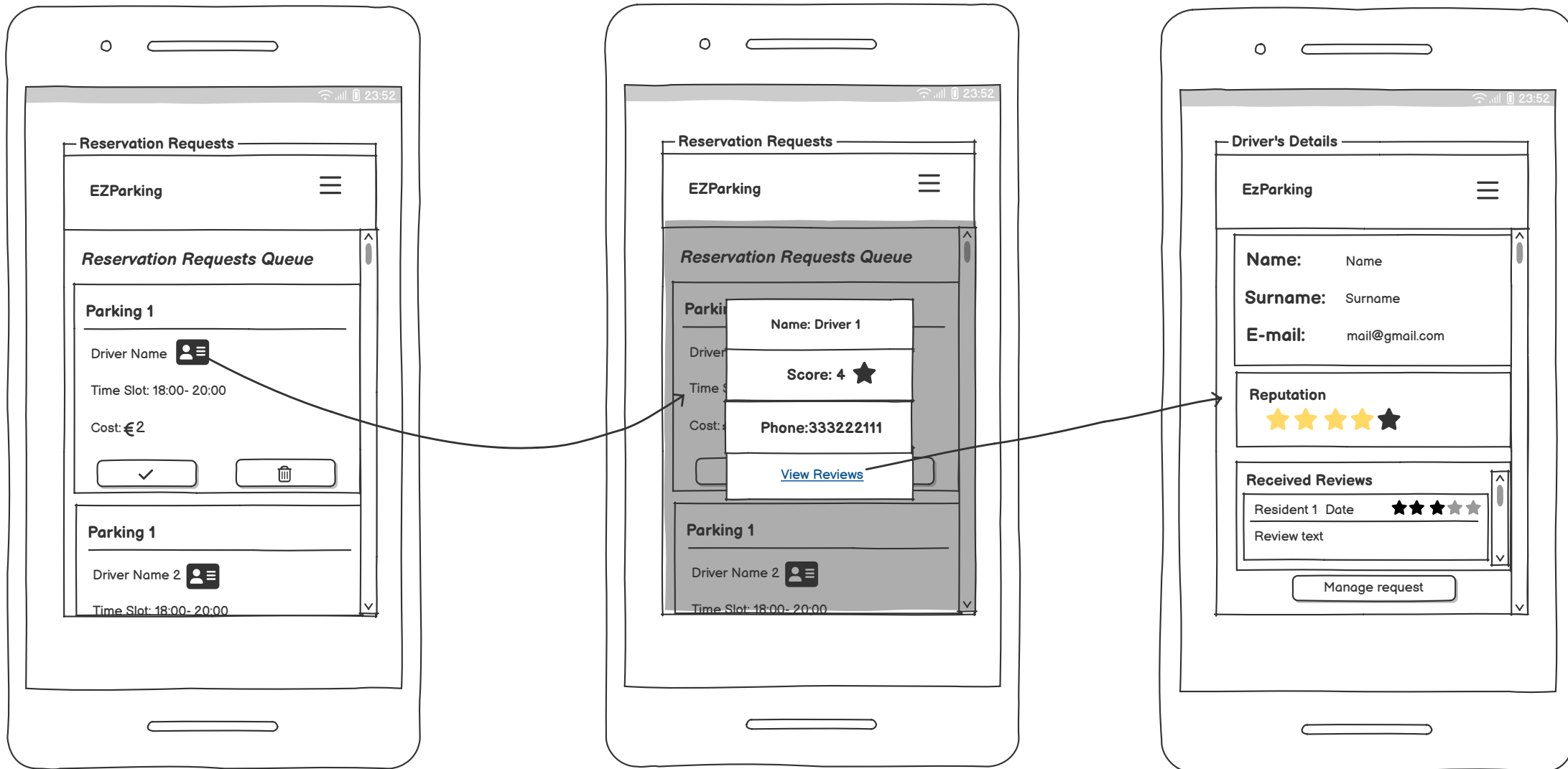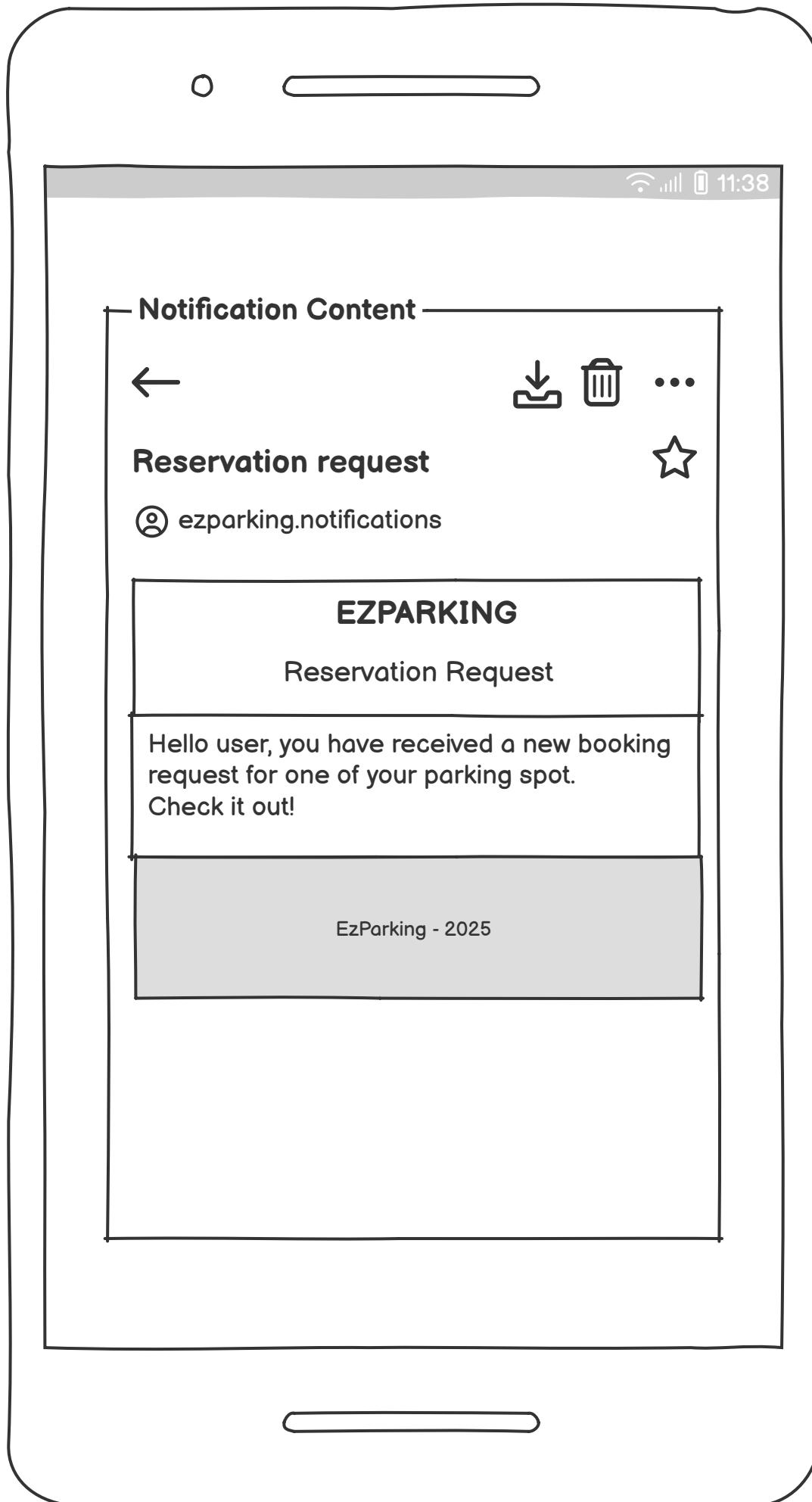
36 - As a resident I want to see driver's details and reviews in a request so that I can choose if accept the request.

Resident Dashboard

EzParking ☰

Name: Name

Surname: Surname

E-mail: mail@gmail.com

[Edit Account]

User Statistics

☐ ☐ ☐ ☐

Reputation ★ ★ ★ ★ ★

Received Reviews

Driver 1   Date   ★★★★★

Review text

Resident Dashboard

EzParking ☰

User Statistics

☐ ☐ ☐ ☐

Reputation ★ ★ ★ ★ ★

Received Reviews

Driver 1   Date   ★★★★★

Review text

Reviewable Reservations

Driver 1

Parking Spot
Date   Time Slot Booke   Car Plat

Resident Dashboard

EZParking ☰

User Statistics

Rate and leave a review

★ ★ ★ ★ ★

Write something for Driver1...

[Submit]

Reviewable Reservations

Driver 1

Parking Spot
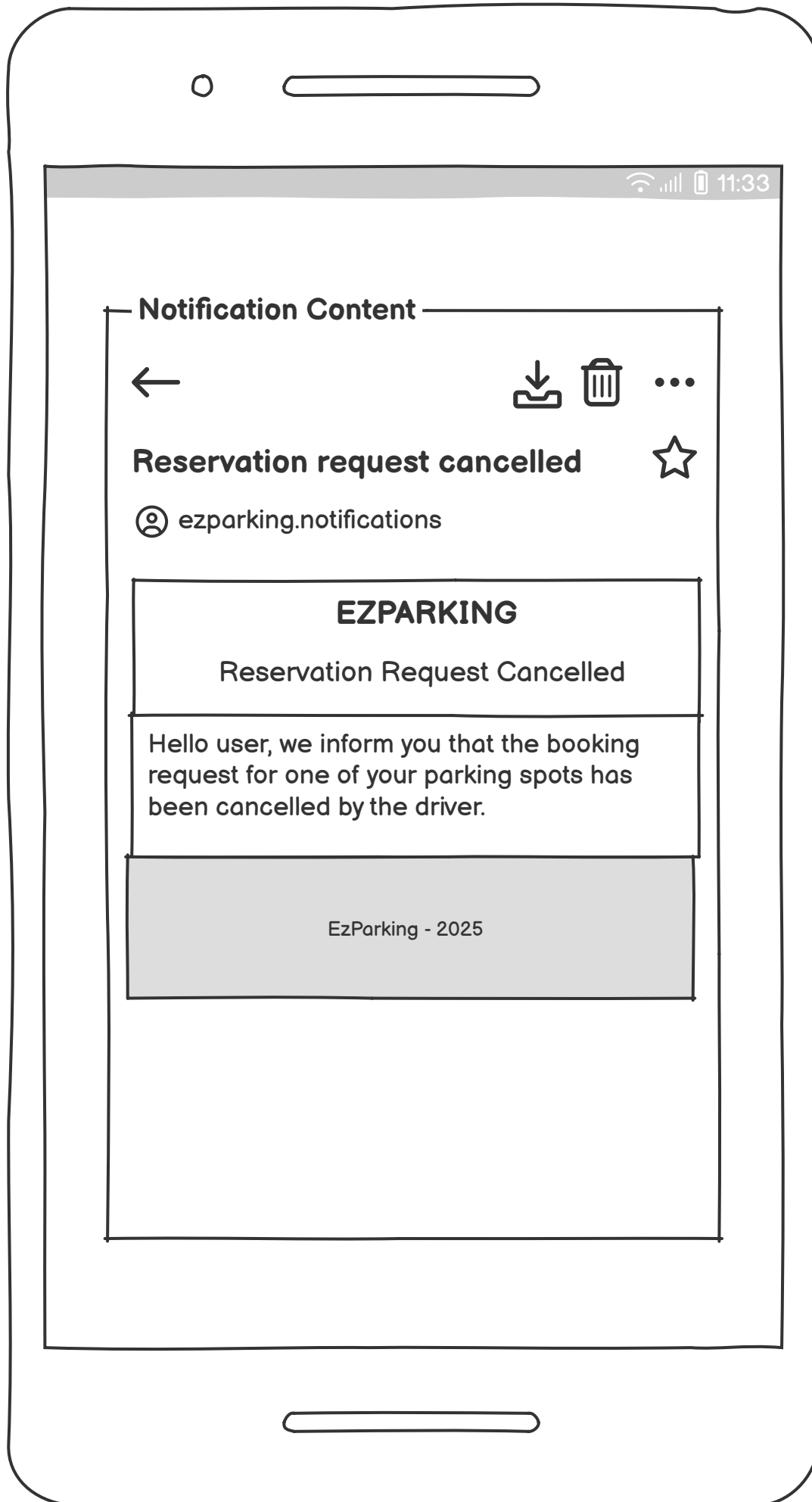Date   Time Slot Booke   Car Plat

39 - As a resident I want to rate a driver that used one of my parking spots, so that I can share the related experience.

42- As a resident I want to see all the reviews I have received from the drivers so that I can evaluate my behaviour.

Notification Content

← ⬇ 🗑 ⋯

Reservation request ☆

👤 ezparking.notifications

EZPARKING
Reservation Request

Hello user, you have received a new booking request for one of your parking spot.
Check it out!

EzParking - 2025

40 - As a resident I want to receive notifications when a driver asks for a booking so that I'm informed about it.

← 　　　　　　　　⤓ 🗑 ⋯

Reservation request cancelled ☆

ⓐ ezparking.notifications

| **EZPARKING** |
| Reservation Request Cancelled |
| Hello user, we inform you that the booking request for one of your parking spots has been cancelled by the driver. |
| EzParking - 2025 |

41 - As a resident I want to receive a notification if a driver cancels their booking request on my parking spot, so be updated in real time about the demand for my parking spots.