

# WASCOOT

## WEB APPLICATION

1222-2022  
**800**  
ANNI



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



### Wascoot Team

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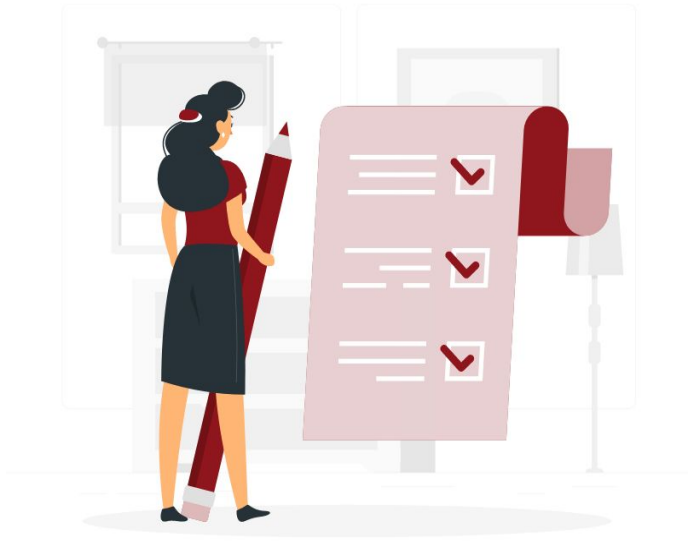


**Nicola Ferro**

June 2023



# Presentation Outline



01

**Project scope**

02

**What is Wascoot ?**

03

**The Backend**

04

**The Frontend**

# Project scope

01

Seven students, first year Master

02

Second semester development

03

Two iterations

04

Agile organisation





# What is Wascoot ?



01

An Admin Panel with the aim of assisting managers in the scooter business with their daily operations

02

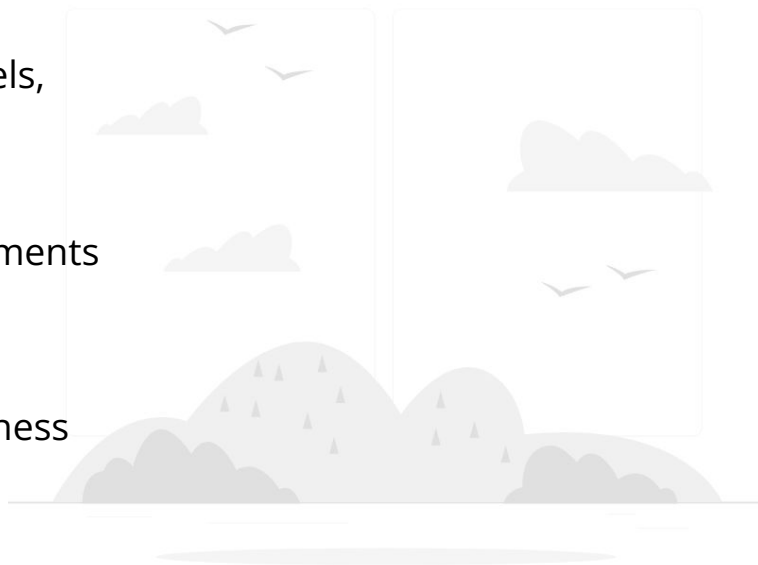
Information about the scooters and their models, racks and customers

03

Information about different subscriptions, payments

04

Informed business decisions. Streamlines business processes



# Backend



01

PostgreSQL DB

02

MVC Design Pattern

03

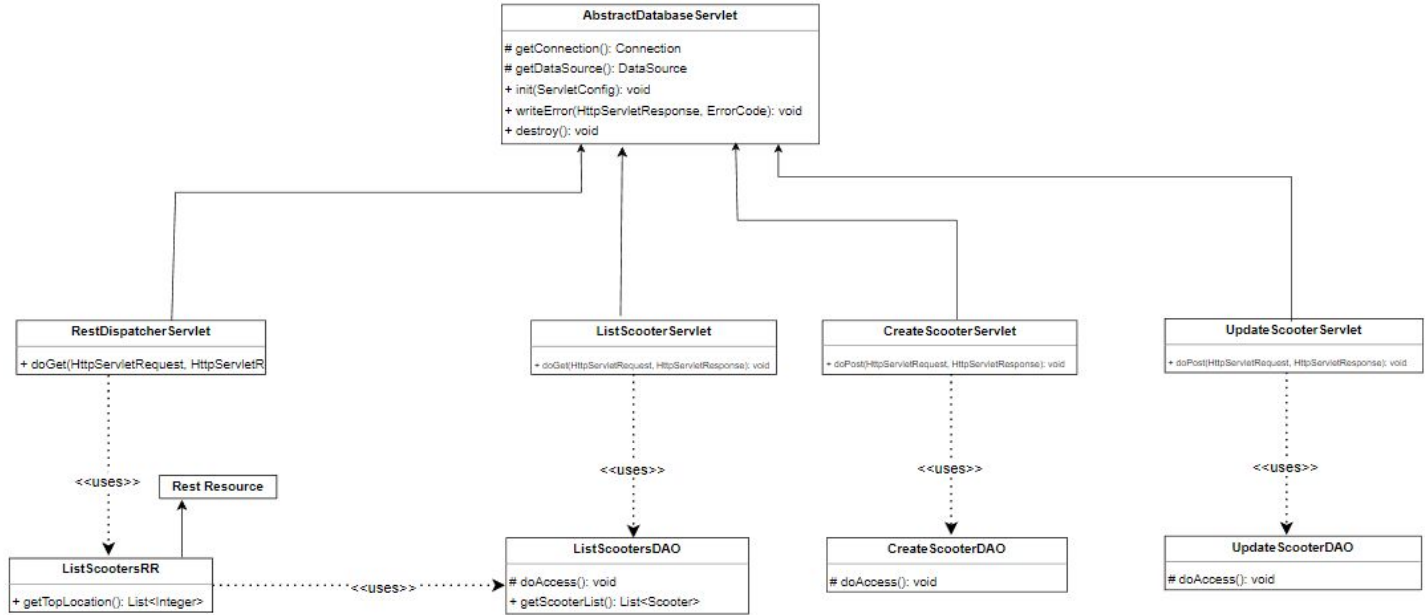
JSP - REST communication to frontend

04

Authentication and filter

# Backend example

## Class diagram

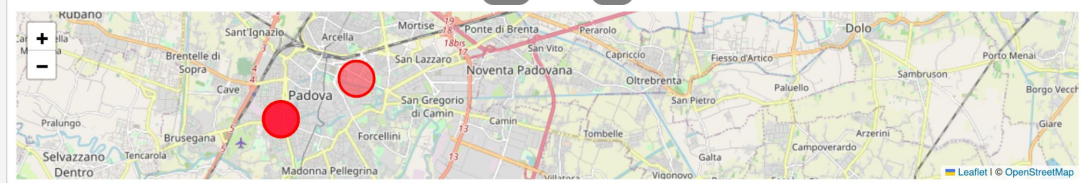


# Frontend

Map Implementation

01

Scooterracks available information with geographic representation :

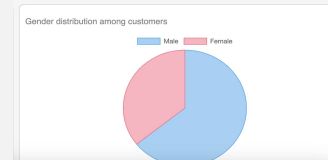
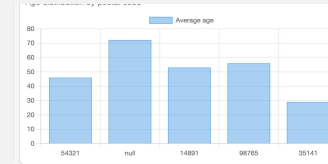
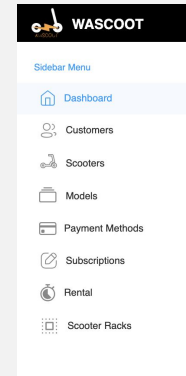


Charts

02

Menu, Header

03



# Frontend

01

Login/ Logout

02

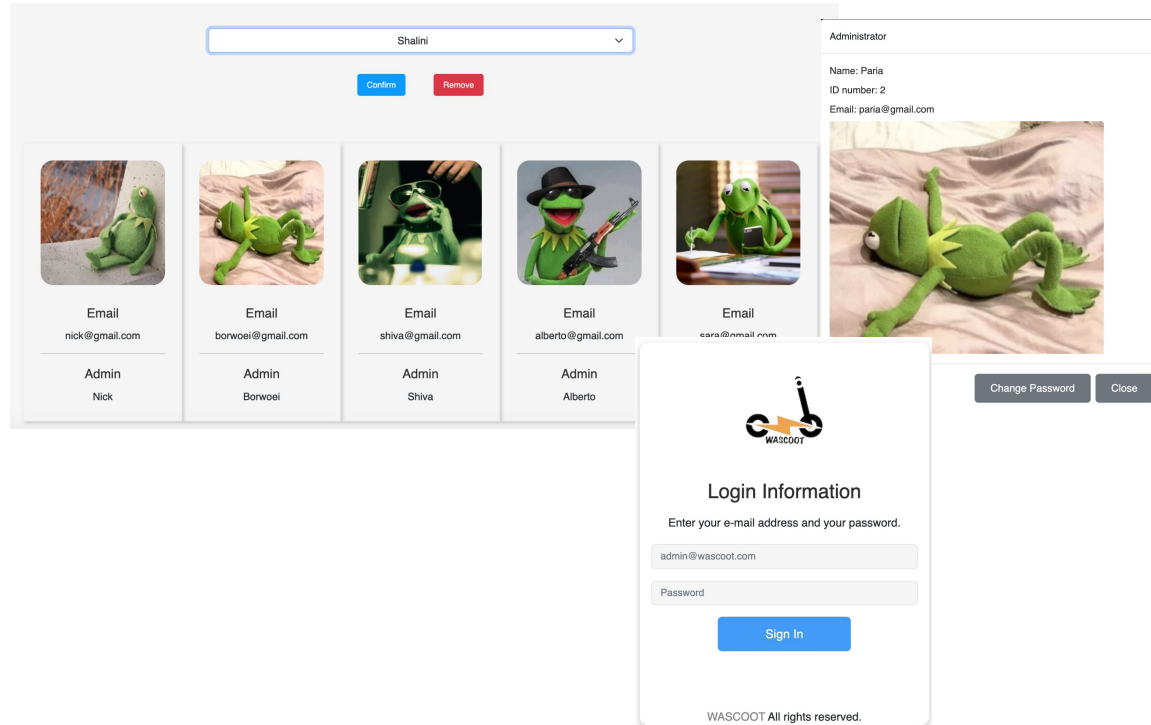
List of the admins

03

Admin information popup

04

Changing Password





# Frontend

01

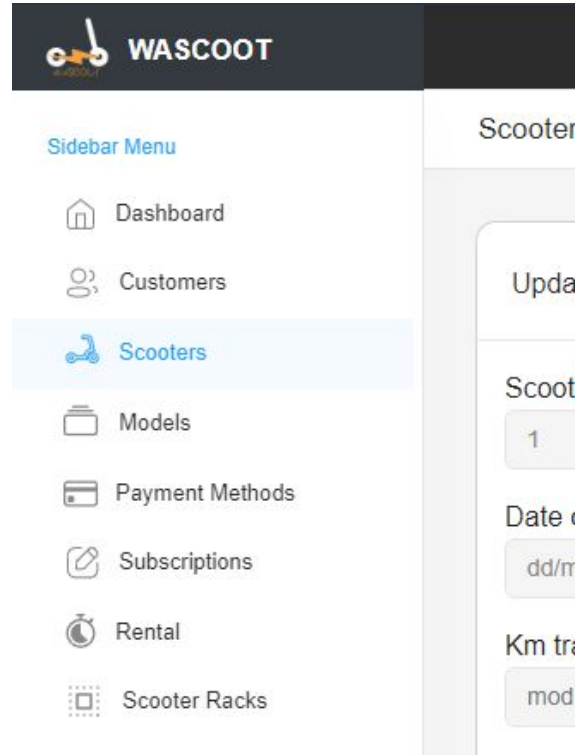
Manage Pages

02

List table

03

Add and Update



# Frontend

## Sidebar Menu

- [Dashboard](#)
- [Customers](#)
- [Scooters](#)
- [Models](#)
- [Payment Methods](#)
- [Subscriptions](#)
- [Rental](#)
- [Scooter Racks](#)

Models [Home](#) / [Model Page](#)

### Update Model

Model Name\*

Bach

Brand\*

modify the brand

Battery Life\*

modify battery life

Price Per Min\*

€ modify the price

Update

Clear Form

### Models

+ Add Model

Name	Brand	Battery Life	Price per min
Bach	ACER	04:01:00	0.9
Corona	Merida	02:20:00	2.0
Dot	Decathlon	01:00:00	
E100	Razor	02:00:00	
E300	Razor	01:30:00	
E90	Razor	01:00:00	
Liszt	Giant	02:02:00	
Mozart	ASUS	10:10:00	
R9 PRO	LEXGO	01:00:00	
Wolf	Giant	03:00:00	

### Add Model

Model Name \*

Brand\*

Battery Life\*

Price Per Min\*

Submit

Clear Form

# Frontend example

We will present our application



# Thank you for the attention



*Any questions  
Any doubts ?*

