

# Relatório do Projeto WebApp MotoStop

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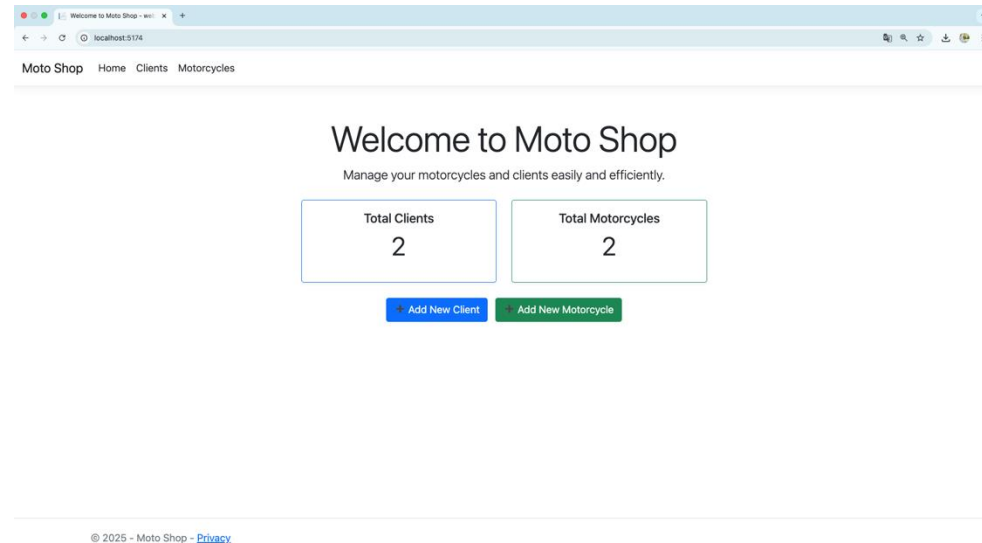
Tarefa 11 – 5417

Curso: Técnico Especialista em Tecnologias e Programação de Sistemas de Informação

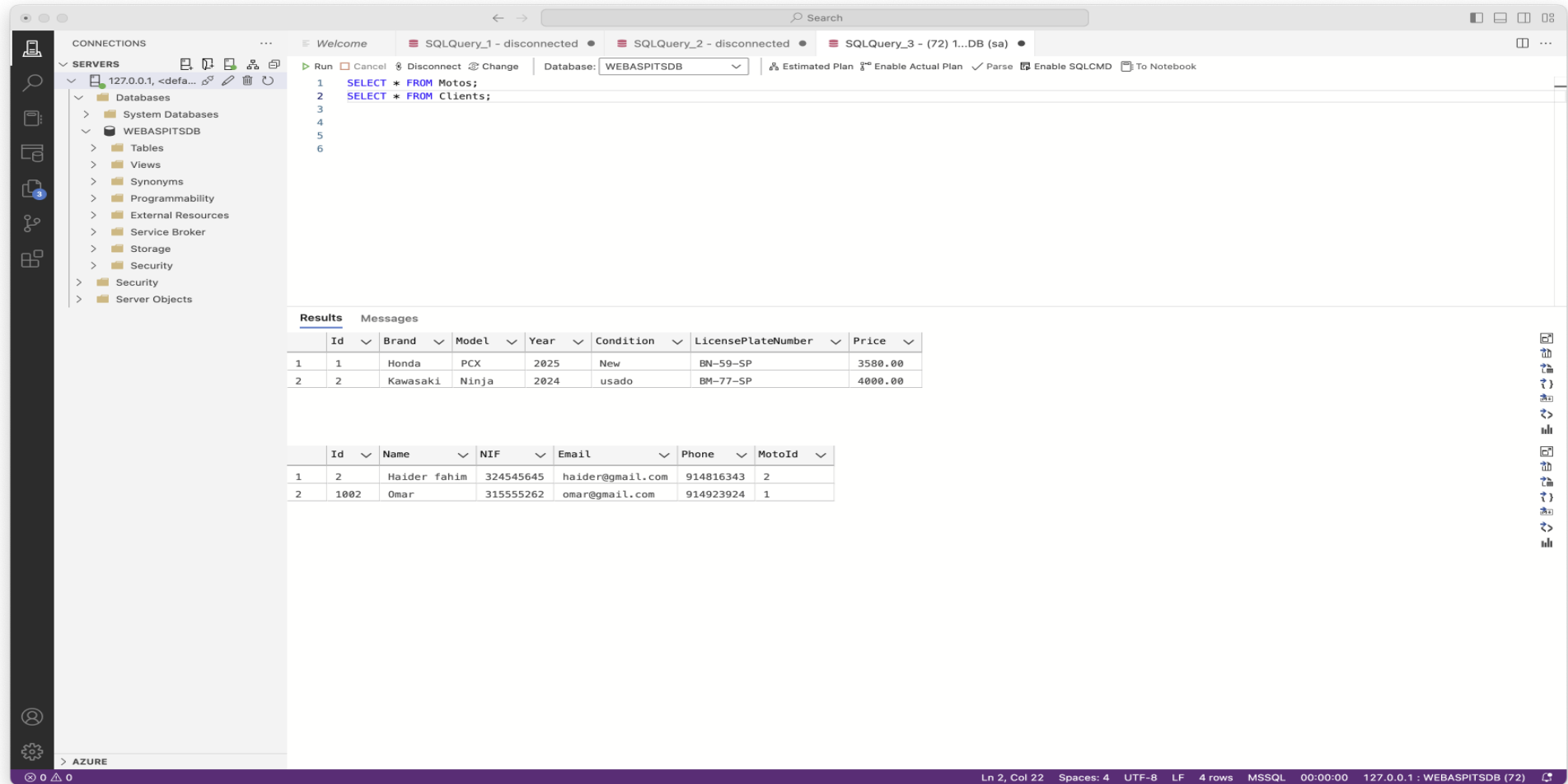
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- 1. Introdução
  - Este relatório descreve o desenvolvimento da aplicação WebApp MotoStop, realizada como parte da Tarefa 11. A aplicação permite o registo, consulta e gestão de motos com suporte a base de dados.
  - 2. Ambiente de Desenvolvimento e Tecnologias
  - Sistema Operativo: Mac OS
  - IDE utilizada: JetBrains Rider
  - Base de Dados: SQL Server + Docker
  - 3. Estrutura do Projeto
  - O projeto é estruturado com o padrão MVC (Model-View-Controller). A pasta principal contém o ficheiro `webappmotostop1.csproj`, e os diretórios relevantes para Models, Views e Controllers.

# 4. Capturas de Ecrã do Projeto

- Nesta secção serão incluídas capturas de ecrã do projeto em execução, estrutura de pastas, base de dados, e interface gráfica.



# Base dados



The screenshot shows the SQL Server Enterprise Manager interface. The left pane displays the 'SERVERS' tree with '127.0.0.1, <defa...>' expanded, showing 'Databases' and 'WEBASPISTDB'. The right pane shows the 'SQLQuery\_3 - (72) 1...DB (sa)' window with the following SQL query:

```
1 SELECT * FROM Motos;  
2 SELECT * FROM Clients;  
3  
4  
5  
6
```

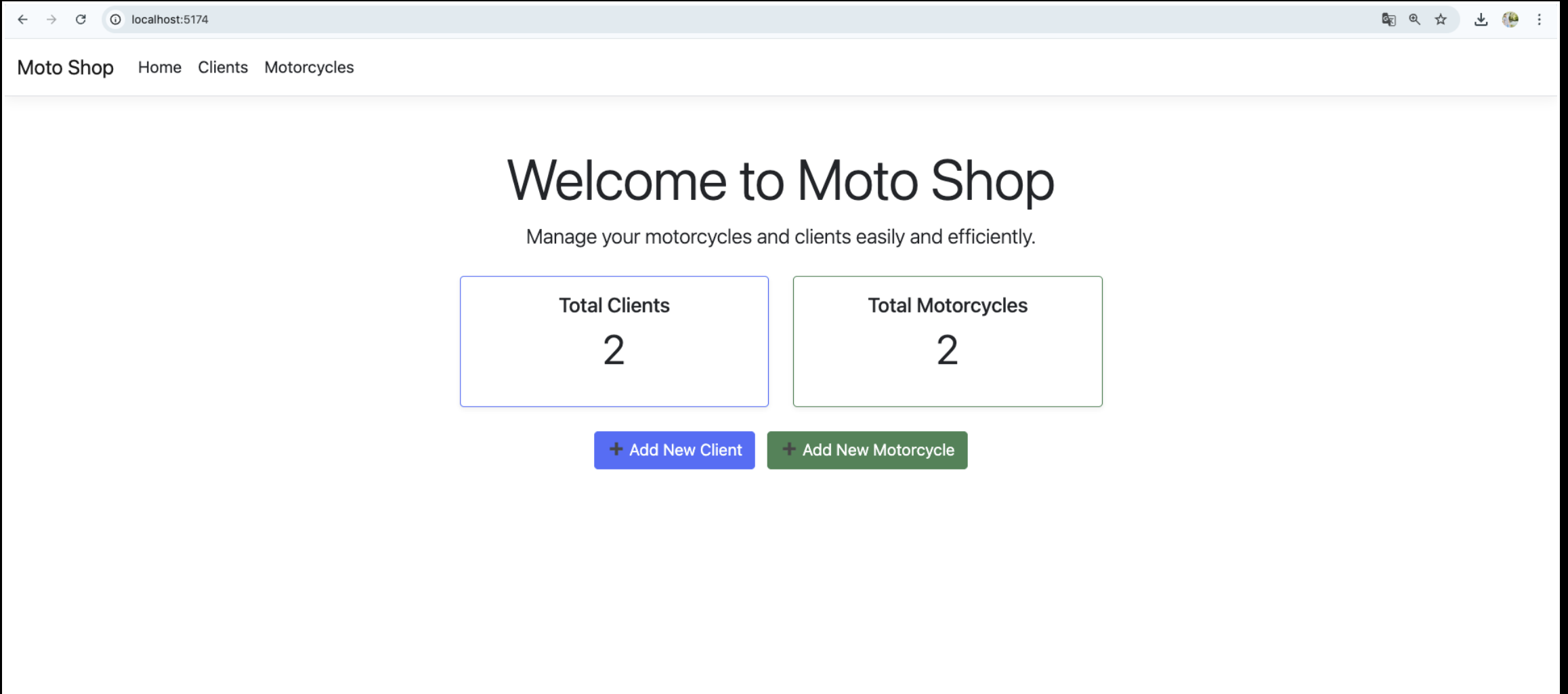
The 'Results' tab is active, displaying two tables of data. The first table, 'Motos', has columns: Id, Brand, Model, Year, Condition, LicensePlateNumber, and Price. The second table, 'Clients', has columns: Id, Name, NIF, Email, Phone, and MotoId.

	Id	Brand	Model	Year	Condition	LicensePlateNumber	Price
1	1	Honda	PCX	2025	New	BN-59-SP	3580.00
2	2	Kawasaki	Ninja	2024	usado	BM-77-SP	4000.00

	Id	Name	NIF	Email	Phone	MotoId
1	2	Haider fahim	324545645	haider@gmail.com	914816343	2
2	1002	Omar	315555262	omar@gmail.com	914923924	1

The status bar at the bottom indicates the current position is 'Ln 2, Col 22' with 'Spaces: 4', 'UTF-8', 'LF', '4 rows', 'MSSQL', '00:00:00', and '127.0.0.1 : WEBASPISTDB (72)'.



Home page

Index - webappmotostop1

localhost:5174/Clients

Moto Shop

HomeClientsMotorcycles

List of Clients

Add New Clients

Show10▼entries

Search:

Name	NIF	Email	Phone	Moto
Haider fahim	324545645	haider@gmail.com	914816343	<b>Kawasaki</b> Model: Ninja Year: 2024 Plate: BM-77-SP
Omar	315555262	omar@gmail.com	914923924	<b>Honda</b> Model: PCX Year: 2025 Plate: BN-59-SP

Showing 1 to 2 of 2 entries

FirstPrevious1NextLast

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# Clients Page

← → ↻ localhost:5174/Clients/Create 🔍 ☆ ⬇️ 🌐 ⋮

Moto Shop   Home   Clients   Motorcycles

# Create

## Client

---

Name

NIF

Email

Phone

Motold

Create

[Back to List](#)

Add New Client page

Index - webappmotostop1

localhost:5174/Motos

Moto Shop

HomeClientsMotorcycles

# List of Motorcycles

Create New

Show 10 entries

Search:

Brand	Model	Year	Condition	LicensePlateNumber	Price	
Honda	PCX	2025	New	BN-59-SP	3580.00	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
Kawasaki	Ninja	2024	usado	BM-77-SP	4000.00	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

Showing 1 to 2 of 2 entries

FirstPrevious1NextLast

Motorcycles page



# Edit Motorcycles page

Edit - webappmotostop1

localhost:5174/Motos/Edit/1

Moto Shop

Home

Clients

Motorcycles

Edit

Moto

Brand

Honda

Model

PCX

Year

2025

Condition

New

LicensePlateNumber

BN-59-SP

Price

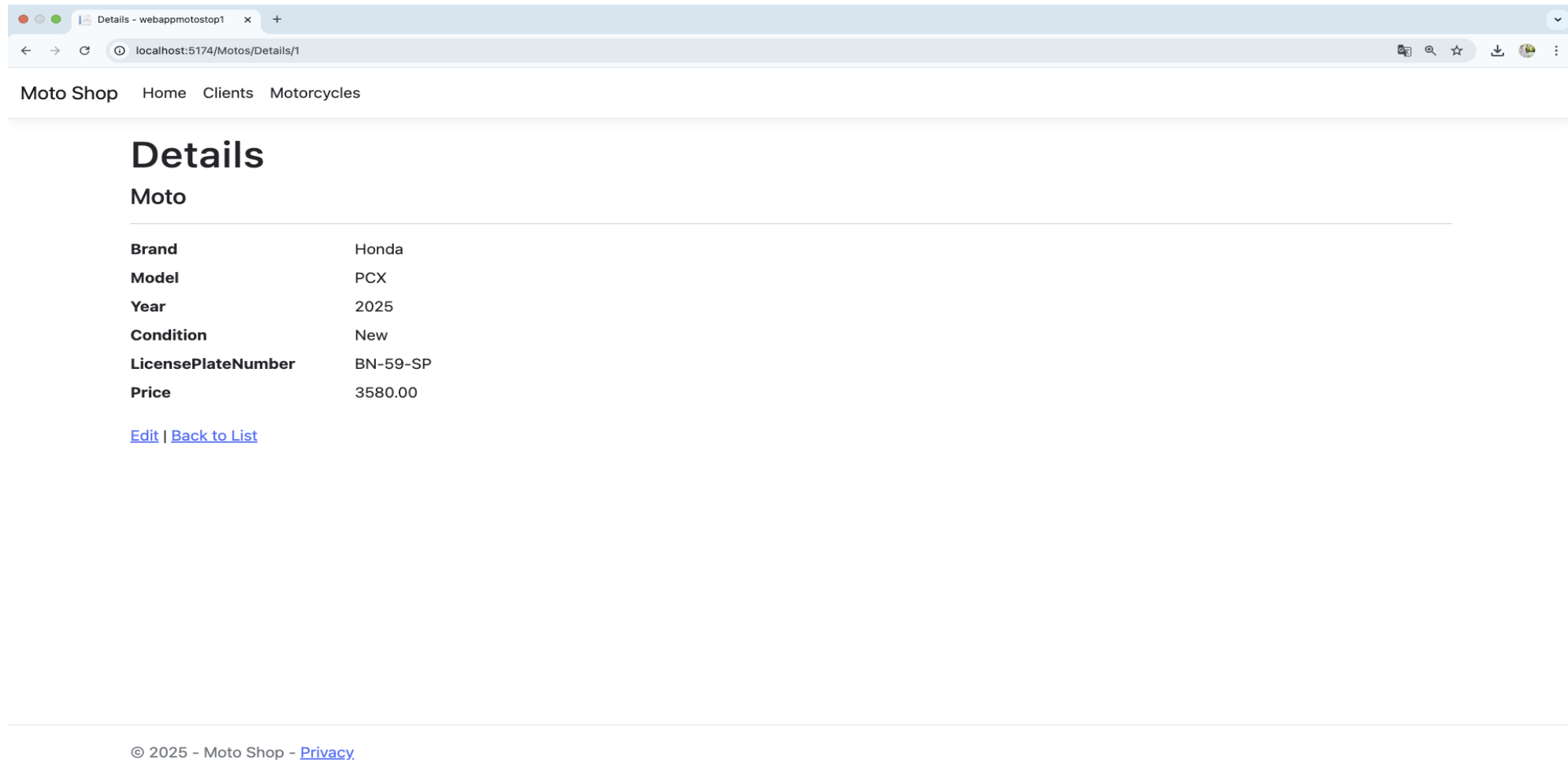
3580.00

Save

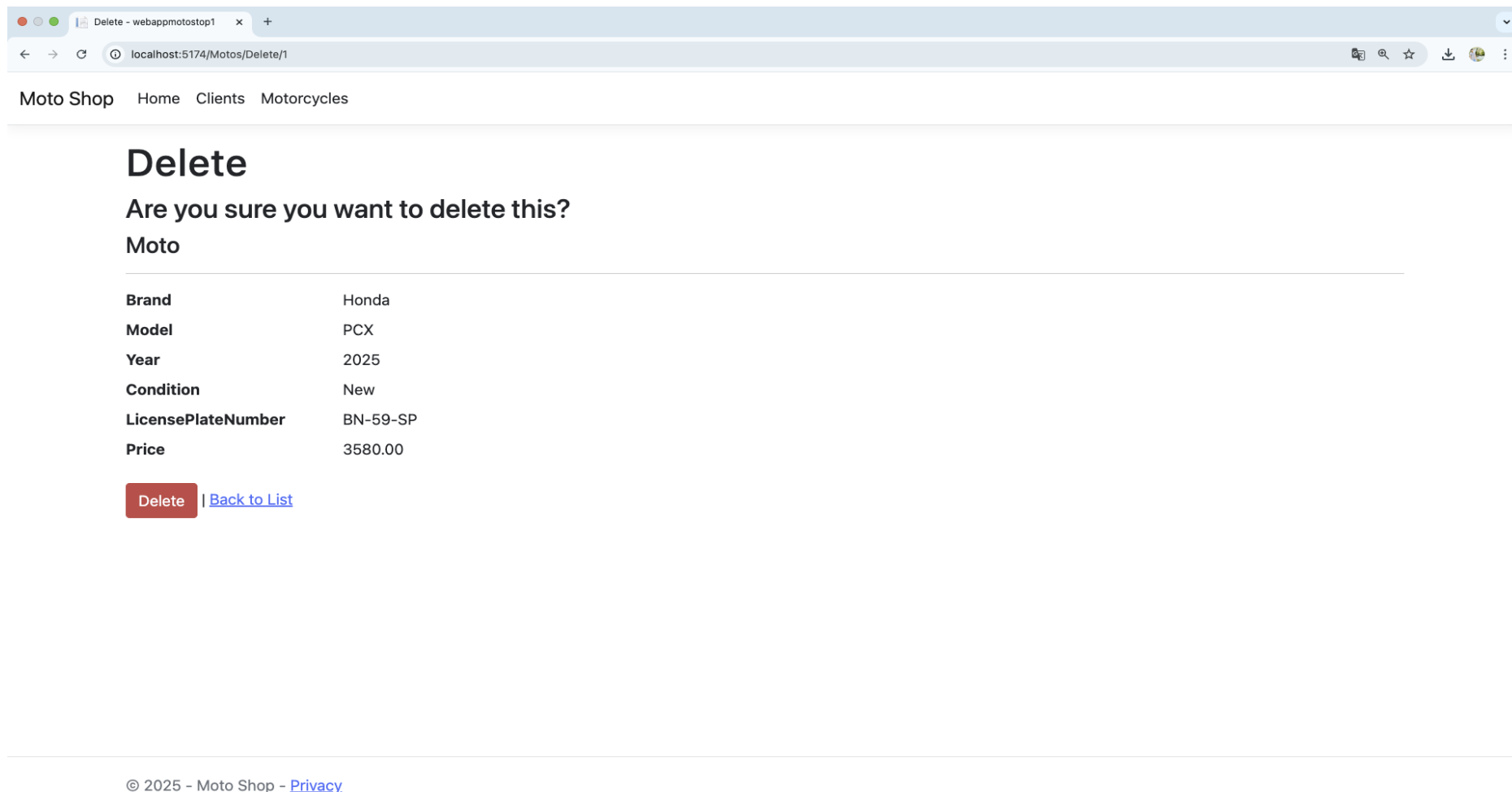
[Back to List](#)

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# Details Motorcycles page



# Delete Motorcycles page



## 6. Conclusão

- O projeto MotoStop está configurado corretamente com suporte a Entity Framework Core, base de dados, scaffolding e organização em MVC. As ferramentas e pacotes utilizados são compatíveis com o ambiente de desenvolvimento macOS e Rider.
- Link git for all project.
- <https://github.com/HFS001/Trabalhos-de-5417.git>