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DESENVOLVIMENTO WEB II

HANDLEBARS

- Handlebars é uma linguagem de modelagem simples. Ele usa um modelo e um objeto de entrada para gerar HTML ou outros formatos de texto. Os modelos Handlebars se parecem com texto normal com expressões Handlebars incorporadas.

```
<p>{{firstname}} {{lastname}}</p>
```

INSTALANDO DEPENDÊNCIAS

```
C:\Users\observatorio\Documents\projetoweb>npm install express --save
```

```
up to date, audited 74 packages in 1s
```

```
11 packages are looking for funding  
  run `npm fund` for details
```

```
found 0 vulnerabilities
```

```
C:\Users\observatorio\Documents\projetoweb>npm install express-handlebars --save
```

```
up to date, audited 74 packages in 1s
```

```
11 packages are looking for funding  
  run `npm fund` for details
```

```
found 0 vulnerabilities
```

```
C:\Users\observatorio\Documents\projetoweb>
```

EXPLORER

PROJETOWEB

- > node_modules
- > views
 - > layouts
 - main.handlebars
 - primeira_pagina.handlebars
- JS app.js
- { } package-lock.json
- { } package.json

OUTLINE

TIMELINE

```

JS app.js
JS app.js > [x] handlebars
1  const express = require("express")
2  const app = express()
3  const handlebars = require("express-handlebars").engine
4
5  app.engine("handlebars", handlebars({defaultLayout: "main"}))
6  app.set("view engine", "handlebars")
7
8  app.get("/", function(req, res){
9    |   res.render("primeira_pagina")
10 | }
11
12 app.listen(8081, function(){
13 |   console.log("Servidor ativo!")
14 | })
    
```

EXPLORER

PROJETOWEB

- node_modules
- views
 - layouts
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 - primeira_pagina.handlebars
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- package.json

OUTLINE

TIMELINE

JS app.js

main.handlebars

views > layouts > main.handlebars > html > body

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Handlebars</title>
8 </head>
9 <body>
10   {{{body}}}
11 </body>
12 </html>
```

EXPLORER

PROJETOWEB

- node_modules
- views
 - layouts
 - main.handlebars
 - primeira_pagina.handlebars

JS app.js
{ } package-lock.json
{ } package.json

OUTLINE
TIMELINE

primeira_pagina.handlebars

views > primeira_pagina.handlebars > h1

1 <h1>PRIMEIRA PÁGINA</h1>

INSTALANDO O SEQUELIZE

```
C:\Users\observatorio\Documents\projetoweb>npm install sequelize --save  
  
changed 22 packages, and audited 96 packages in 6s  
  
12 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities
```

INSTALANDO O MYSQL

```
C:\Users\observatorio\Documents\projetoweb>npm install mysql2 --save  
  
up to date, audited 105 packages in 960ms  
  
12 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities
```


INCIANDO O APACHE/MYSQL

XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]

XAMPP Control Panel v3.3.0

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	11912 2752	80, 443	<input type="button" value="Stop"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/>
<input type="checkbox"/>	MySQL	14312	3306	<input type="button" value="Stop"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/>
<input type="checkbox"/>	FileZilla			<input type="button" value="Start"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/>
<input type="checkbox"/>	Mercury			<input type="button" value="Start"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/>
<input type="checkbox"/>	Tomcat			<input type="button" value="Start"/> <input type="button" value="Admin"/> <input type="button" value="Config"/> <input type="button" value="Logs"/>

Config
Netstat
Shell
Explorer
Services
Help
Quit

09:33:37 [main] All prerequisites found
09:33:37 [main] Initializing Modules
09:33:37 [main] Starting Check-Timer
09:33:37 [main] Control Panel Ready
09:33:39 [Apache] Attempting to start Apache app...
09:33:40 [Apache] Status change detected: running
09:33:43 [mysql] Attempting to start MySQL app...
09:33:43 [mysql] Status change detected: running

INSTRUÇÃO EXECUTADA NO BANCO DE DADOS

```
C:\Users\observatorio\Documents\projetoweb>node banco.js
Executing (default): DROP TABLE IF EXISTS `agendamentos`;
Executing (default): CREATE TABLE IF NOT EXISTS `agendamentos` (`id` INTEGER NOT NULL auto_increment , `nome` VARCHAR(255), `endereco` VARCHAR(255), `bairro` VARCHAR(255),
`cep` INTEGER, `createdAt` DATETIME NOT NULL, `updatedAt` DATETIME NOT NULL, PRIMARY KEY (`id`)) ENGINE=InnoDB;
Executing (default): SHOW INDEX FROM `agendamentos`
```

EXPLORER

PROJETOWEB

- node_modules
- views
 - layouts
 - main.handlebars
 - primeira_pagina.handlebars
- app.js
- banco.js
- package-lock.json
- package.json

OUTLINE

TIMELINE

JS app.js

primeira_pagina.handlebars

JS banco.js

```
JS banco.js > ...
1  const Sequelize = require("sequelize")
2  const sequelize = new Sequelize("test", "root", "", {
3      host: "localhost",
4      dialect: "mysql"
5  })
6
7  const Agendamentos = sequelize.define('agendamentos',{
8      nome:{
9          type: Sequelize.STRING
10     },
11     endereco:{
12         type: Sequelize.STRING
13     },
14     bairro:{
15         type: Sequelize.STRING
16     },
17     cep:{
18         type: Sequelize.INTEGER
19     }
20 })
21
22 //Agendamentos.sync({force:true})
```

EXPLORER

PROJETOWEB

> node_modules

> views

> layouts

main.handlebars

primeira_pagina.handlebars

JS app.js

JS banco.js

{} package-lock.json

{} package.json

> OUTLINE

> TIMELINE

JS app.js

primeira_pagina.handlebars

index.html

main.handlebars

JS banco.js

views > primeira_pagina.handlebars > div.container.text-center.bg-body-tertiary > div.row > div.col.bg-white > p > form

33 <div class="col-1">

34 |

35 </div>

36 </div>

37 <div class="row">

38 <div class="col-1">

39 |

40 </div>

41 <div class="col bg-white">

42 <p class="text-start fs-5">Cadastrar - Agendamento de Potenciais Clientes</p>

43 <p class="text-start fs-6">Sistema Utilizado para agendamento de serviços.</p>

44 <p>

45 <form action="/cadastrar" method="POST">

46 <div class="mb-3 text-start">

47 <label for="exampleInputEmail1" class="form-label">Nome:</label>

48 <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby=

49 </div>

50 <div class="mb-3 text-start">

51 <label for="exampleInputEmail1" class="form-label">Telefone:</label>

52 <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby=

53 </div>

54 <div class="mb-3 text-start">

55 <label for="exampleInputEmail1" class="form-label">Origem:</label>

56 <select class="form-select" aria-label="Default select example">

57 <option selected>Celular</option>

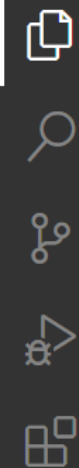
58 <option value="1">Whatsapp</option>

59 <option value="2">Telefone Fixo</option>

60 </select>

61 </div>

62 <div class="mb-3 text-start">



EXPLORER



▼ PROJETOWEB

> node_modules

▼ views

▼ layouts

main.handlebars

primeira_pagina.handlebars

JS app.js

JS banco.js

{ } package-lock.json

{ } package.json

> OUTLINE

> TIMELINE

JS app.js X

primeira_pagina.handlebars

<> index.html

main.handlebars

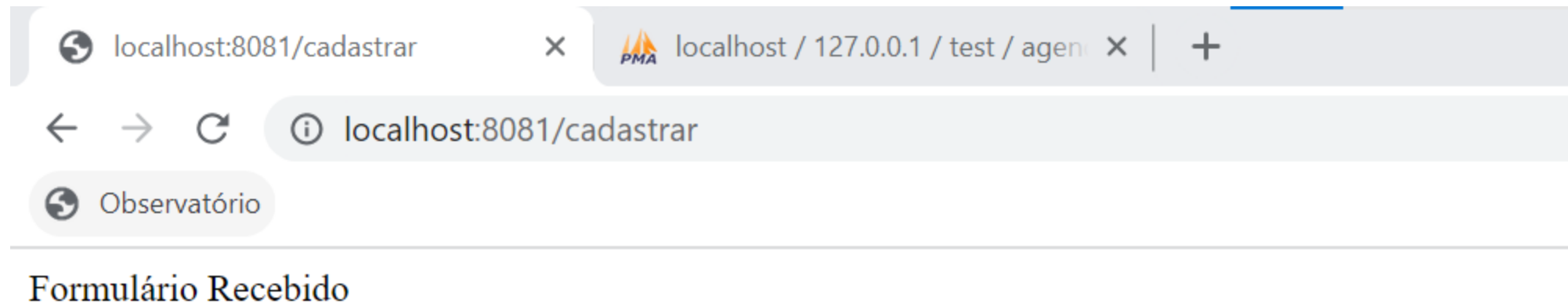
JS banco.js

JS app.js > ...

```
1  const express = require("express")
2  const app = express()
3  const handlebars = require("express-handlebars").engine
4
5  app.engine("handlebars", handlebars({defaultLayout: "main"}))
6  app.set("view engine", "handlebars")
7
8  app.get("/", function(req, res){
9    |   res.render("primeira_pagina")
10 | })
11
12 app.post("/cadastrar", function(req, res){
13 |   res.send("Formulário Recebido")
14 | })
15
16 app.listen(8081, function(){
17 |   console.log("Servidor ativo!")
18 | })
```



RESULTADO NO BROWSER



INSTALANDO O BODY-PARSER

```
C:\Users\observatorio\Documents\projetoweb>npm install body-parser --save  
  
added 2 packages, changed 2 packages, and audited 107 packages in 2s  
  
12 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities
```

EXPLORER

PROJETOWEB

node_modules

views

layouts

main.handlebars

primeira_pagina.handlebars

app.js

banco.js

package-lock.json

package.json

OUTLINE

TIMELINE

JS app.js

primeira_pagina.handlebars

index.html

main.handlebars

JS banco.js

div.container.text-center.bg-body-tertiary

div.row

div.col.bg-white

p

form

div.mb-3.text-start

textarea#observacao

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

```

<div class="col bg-white">
  <p class="text-start fs-5">Cadastrar - Agendamento de Potenciais Clientes</p>
  <p class="text-start fs-6">Sistema Utilizado para agendamento de serviços.</p>
  <p>
    <form action="/cadastrar" method="POST">
      <div class="mb-3 text-start">
        <label class="form-label">Nome:</label>
        <input type="name" name="nome" class="form-control" id="nome">
      </div>
      <div class="mb-3 text-start">
        <label class="form-label">Telefone:</label>
        <input type="number" name="telefone" class="form-control" id="telefone">
      </div>
      <div class="mb-3 text-start">
        <label class="form-label">Origem:</label>
        <select name="origem" class="form-select" aria-label="Default select example">
          <option value="celular" selected>Celular</option>
          <option value="whatsapp">Whatsapp</option>
          <option value="telefone_fixo">Telefone Fixo</option>
        </select>
      </div>
      <div class="mb-3 text-start">
        <label class="form-label">Data do Contato:</label>
        <input type="date" name="data_contato" class="form-control" id="data_contato" aria-label="Default select example">
      </div>
      <div class="mb-3 text-start">
        <label class="form-label">Observação:</label>
        <textarea name="observacao" class="form-control" placeholder="" id="observacao" style="width: 100%; height: 100px;">
      </div>
    </form>
  </p>
</div>

```




EXPLORER

...

▼ PROJETOWEB

> node_modules

▼ views

▼ layouts

main.handlebars

primeira_pagina.handlebars

JS app.js

JS banco.js

{ } package-lock.json

{ } package.json

> OUTLINE

> TIMELINE

JS app.js X

primeira_pagina.handlebars

<> index.html

main.handlebars

JS banco.js

JS app.js > ...

```
1  const express = require("express")
2  const app = express()
3  const handlebars = require("express-handlebars").engine
4  const bodyParser = require("body-parser")
5
6  app.engine("handlebars", handlebars({defaultLayout: "main"}))
7  app.set("view engine", "handlebars")
8
9  app.use(bodyParser.urlencoded({extended: false}))
10 app.use(bodyParser.json())
11
12 app.get("/", function(req, res){
13   res.render("primeira_pagina")
14 })
15
16 app.post("/cadastrar", function(req, res){
17   res.send("Nome: " + req.body.nome)
18 })
19
20 app.listen(8081, function(){
21   console.log("Servidor ativo!")
22 })
```

EXPLORER

PROJETOWEB

- models
 - banco.js
 - post.js
- node_modules
- views
 - layouts
 - main.handlebars
 - primeira_pagina.handlebars
- app.js
- package-lock.json
- package.json

OUTLINE

TIMELINE

```
models > JS banco.js > [?] sequelize
1  const Sequelize = require("sequelize")
2  const sequelize = new Sequelize("test", "root", "", {
3    host: "localhost",
4    dialect: "mysql"
5  })
6
7  module.exports = {
8    Sequelize: Sequelize,
9    sequelize: sequelize
10 }
```

EXPLORER

PROJETOWEB

- models
 - banco.js
 - post.js
- node_modules
- views
 - layouts
 - main.handlebars
 - primeira_pagina.handlebars
- app.js
- package-lock.json
- package.json

OUTLINE

TIMELINE

```
models > JS post.js > [?] <unknown>
1  const db = require("../banco")
2
3  const Agendamentos = db.sequelize.define('agendamentos',{
4      nome:{
5          type: db.Sequelize.STRING
6      },
7      telefone:{
8          type: db.Sequelize.INTEGER
9      },
10     origem:{
11         type: db.Sequelize.STRING
12     },
13     data_contato:{
14         type: db.Sequelize.DATE
15     },
16     observacao:{
17         type: db.Sequelize.TEXT
18     }
19 })
20
21 //Agendamentos.sync({force:true})
22
23 module.exports = Agendamentos
```

EXPLORER

PROJETOWEB

models

banco.js

post.js

node_modules

views

layouts

main.handlebars

primeira_pagina.handlebars

app.js

package-lock.json

package.json

OUTLINE

TIMELINE

app.js

primeira_pagina.handlebars

index.html

main.handlebars

banco.js

post.js

app.js

app.js > app.post("/cadastrar") callback

1const express = require("express")

2const app = express()

3const handlebars = require("express-handlebars").engine

4const bodyParser = require("body-parser")

5const post = require("./models/post")

6

7app.engine("handlebars", handlebars({defaultLayout: "main"}))

8app.set("view engine", "handlebars")

9

10app.use(bodyParser.urlencoded({extended: false}))

11app.use(bodyParser.json())

12

13app.get("/", function(req, res){

14| res.render("primeira_pagina")

15| })

16

17app.post("/cadastrar", function(req, res){

18| post.create({

19| nome: req.body.nome

20| }).then(function(){

21| res.send("Dados enviados com sucesso!")

22| }).catch(function(erro){

23| res.send("Falhao ao cadastrar os dados: " + erro)

24| })

25| })

26

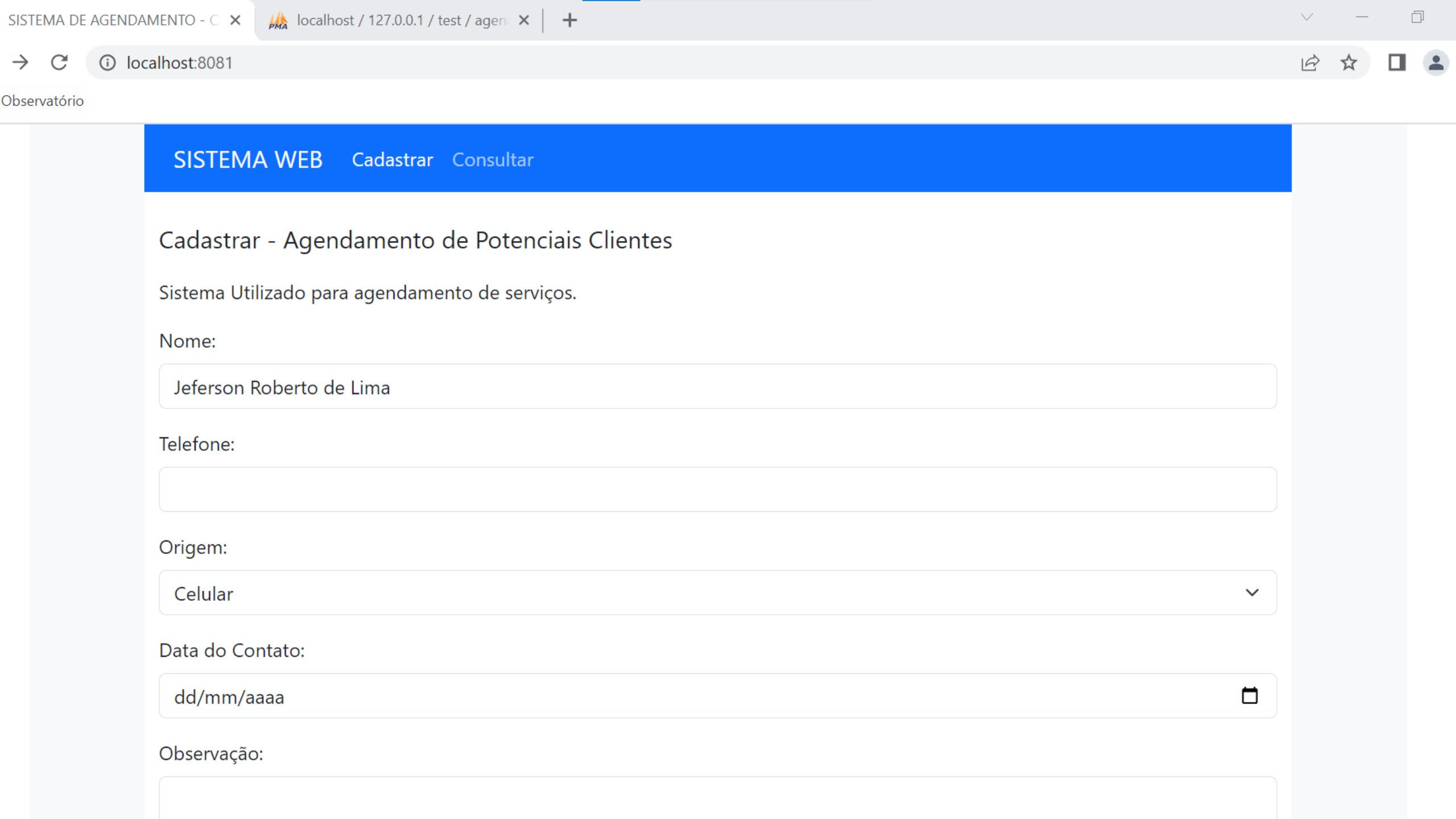
27app.listen(8081, function(){

28| console.log("Servidor ativo!")

29| })

0
 0
 0

Ln 24, Col 7 Spaces: 4 UTF-8 CRLF {} JavaScript



Cadastrar - Agendamento de Potenciais Clientes

Sistema Utilizado para agendamento de serviços.

Nome:

Jeferson Roberto de Lima

Telefone:

Origem:

Celular

Data do Contato:

dd/mm/aaaa

Observação:

Dados enviados com sucesso!

localhost:8081/cadastrar

localhost / 127.0.0.1 / test / agenda

localhost/phpmyadmin/index.php?route=/sql&db=test&table=agendamentos&pos=0

servatório

hpMyAdmin

lovo

information_schema

mysql

performance_schema

phpmyadmin

test

Nova

agendamentos

Servidor: 127.0.0.1 » Banco de dados: test » Tabela: agendamentos

Procurar

Estrutura

SQL

Pesquisar

Inserir

Exportar

Importar

Privilégios

Operações

Mais

✓ A mostrar registos de 0 - 0 (1 total, A consulta demorou 0,0004 segundos.)

SELECT * FROM `agendamentos`

Perfil

Editar em linha

Editar

Explicar SQL

Criar código PHP

Actualizar

Mostrar tudo

Número de registos: 25

Filtrar registos: Pesquisar esta tabela

Opções extra

	id	nome	telefone	origem	data_contato	observacao	createdAt	updatedAt
<div><div></div><div>Editar</div><div>Copiar</div><div>Apagar</div></div>	1	Jeferson Roberto de Lima	NULL	NULL	NULL	NULL	2023-03-17 14:11:53	2023-03-17 14:11:53

↑

Marcar todos

Com os seleccionados:

Editar

Copiar

Apagar

Exportar

Mostrar tudo

Número de registos: 25

Filtrar registos: Pesquisar esta tabela

Operações resultantes das consultas

Imprimir

Copiar para área de transferência

Exportar

Mostrar gráfico

Criar visualização

Consola