

Introdução às tecnologias Web - ITW

Pratica 10 – knockoutJS *Knockout.*

Library add and update!!!

The screenshot shows the Visual Studio Code interface with the `libman.json` file open. The file contains a list of libraries and their destinations. A context menu is open over the `bootstrap@5.2.2` entry, showing options to "Uninstall bootstrap@5.2.2" and "Check for updates". The "Check for updates" option is highlighted, and a tooltip shows "Stable: bootstrap@5.2.3". A red dashed box highlights the `jqueryui@1.13.2` entry. The Solution Explorer on the right shows the project structure, including folders like `Aula06`, `Aula07`, `Aula09`, and `Aula10`, and files like `conference-ko.html`, `conference-ko.js`, `weather.html`, and `weather.js`. The Output window at the bottom shows the build output.

```
1 {
2   "version": "1.0",
3   "defaultProvider": "cdnjs",
4   "libraries": [
5     {
6       "destination": "wwwroot/lib/bootstrap/dist/",
7       "library": "bootstrap@5.2.2"
8     },
9     {
10      "destination": "wwwroot/lib/font-awesome/dist/",
11      "library": "font-awesome@4.7.0"
12    },
13    {
14      "destination": "wwwroot/lib/jquery/dist/",
15      "library": "jquery@3.6.1"
16    },
17    {
18      "destination": "wwwroot/lib/jquery-ui/dist/",
19      "library": "jqueryui@1.13.2"
20    },
21    {
22      "destination": "wwwroot/lib/knockout/dist/",
23      "library": "knockout@3.5.1"
24    }
25  ]
26 }
```

105 % No issues found Ln: 7 Ch: 1 SPC CRLF

Output

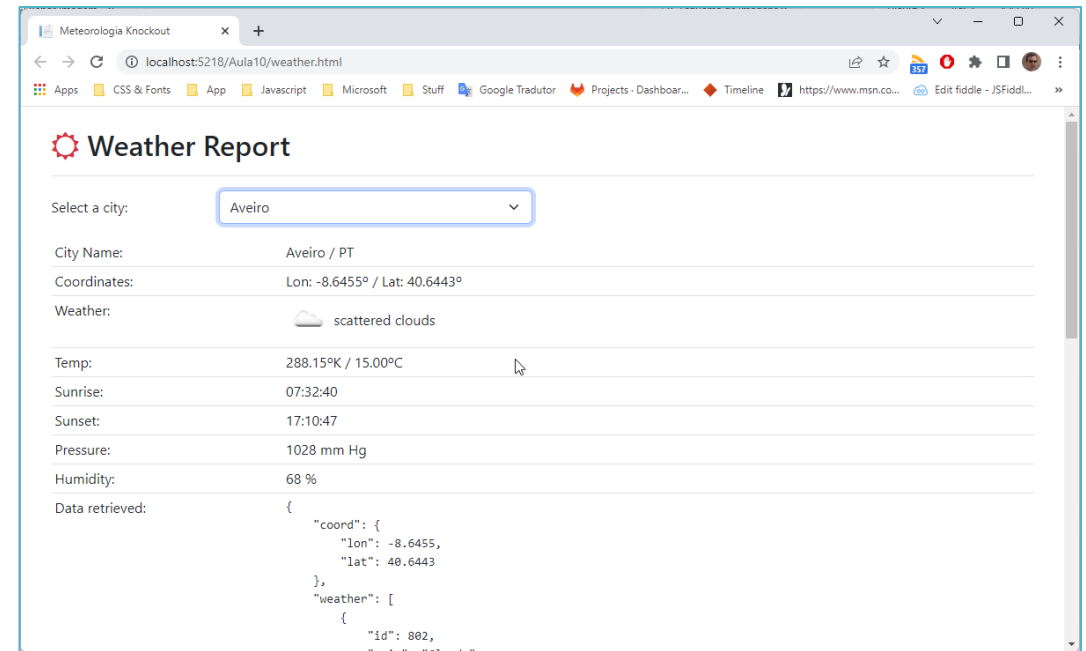
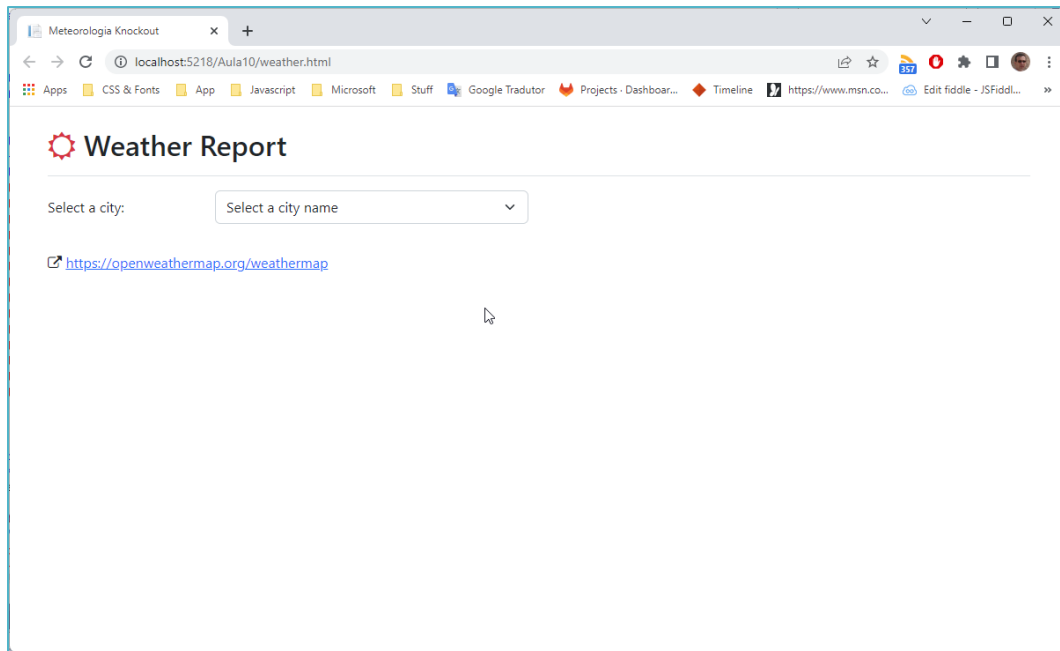
Show output from: Build

Build started...

Exemplo 1

Meteorologia

Refaça o exemplo de recolha de temperaturas da aula anterior, agora utilizando a livraria knockoutJS



Exemplo 2

Gestão de inscrições em conferência

Suponha que pretende gerir as inscrições numa conferência.

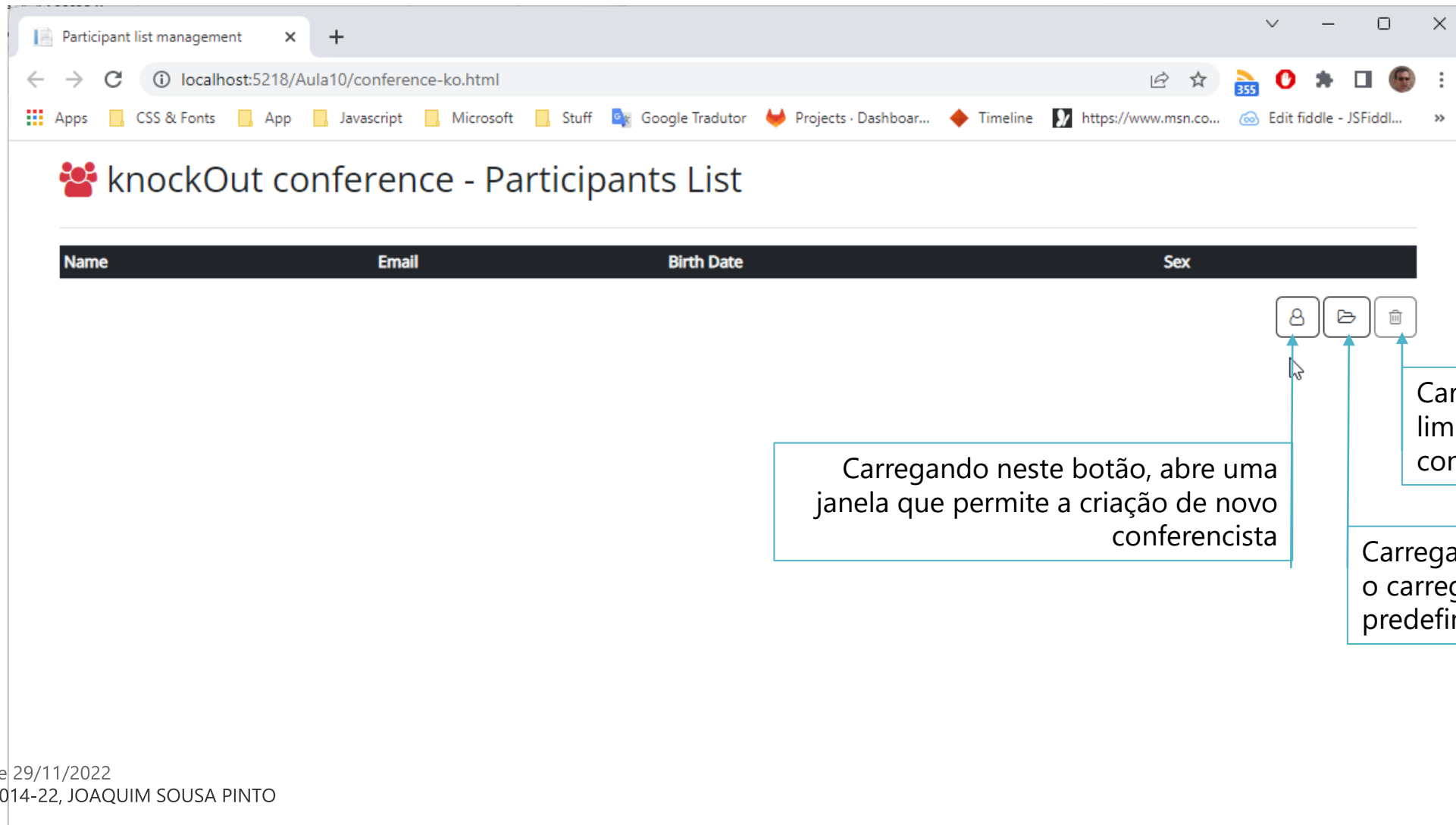
Para cada conferencista temos: nome, email, morada, sexo, data de nascimento e o curso de origem.

Aqui fica uma lista (para que não comece do zero ...)

```
self.participants([
    {'name': 'Noé Elisabete Ferreiro', 'email' : '', 'address' : '', 'birthDate' : '', 'sex' : 'Male', 'course' : {'id' : '', 'name' : ''}},
    {'name': 'Marta Matias Lucas', 'email' : 'marta.lucas@teste.com', 'address' : '', 'birthDate' : '', 'sex' : '', 'course' : {'id' : '', 'name' : ''}},
    { 'name': 'Ezequiel Augusto Melo', 'email': '', 'address': 'Rua de Cima, n.º 8\nAveiro\nPORTUGAL', 'birthDate': '1998/11/17', 'sex': 'Male', 'course': { 'id': '', 'name': '' } },
    {'name': 'Albino Nico Armando', 'email' : '', 'address' : '', 'birthDate' : '', 'sex' : '', 'course' : {'id' : '', 'name' : ''}},
    {'name': 'Alexandra Eufêmia Torres', 'email' : '', 'address' : '', 'birthDate' : '', 'sex' : '', 'course' : {'id' : '', 'name' : ''}}
]);
```

É fornecido o código “quase todo”. Ver o link no elearning

Exemplo da interface pretendida



Lista de participantes

depois de carregada (simulando ligação ao exterior)

Participant list management

localhost:5218/Aula10/conference-ko.html

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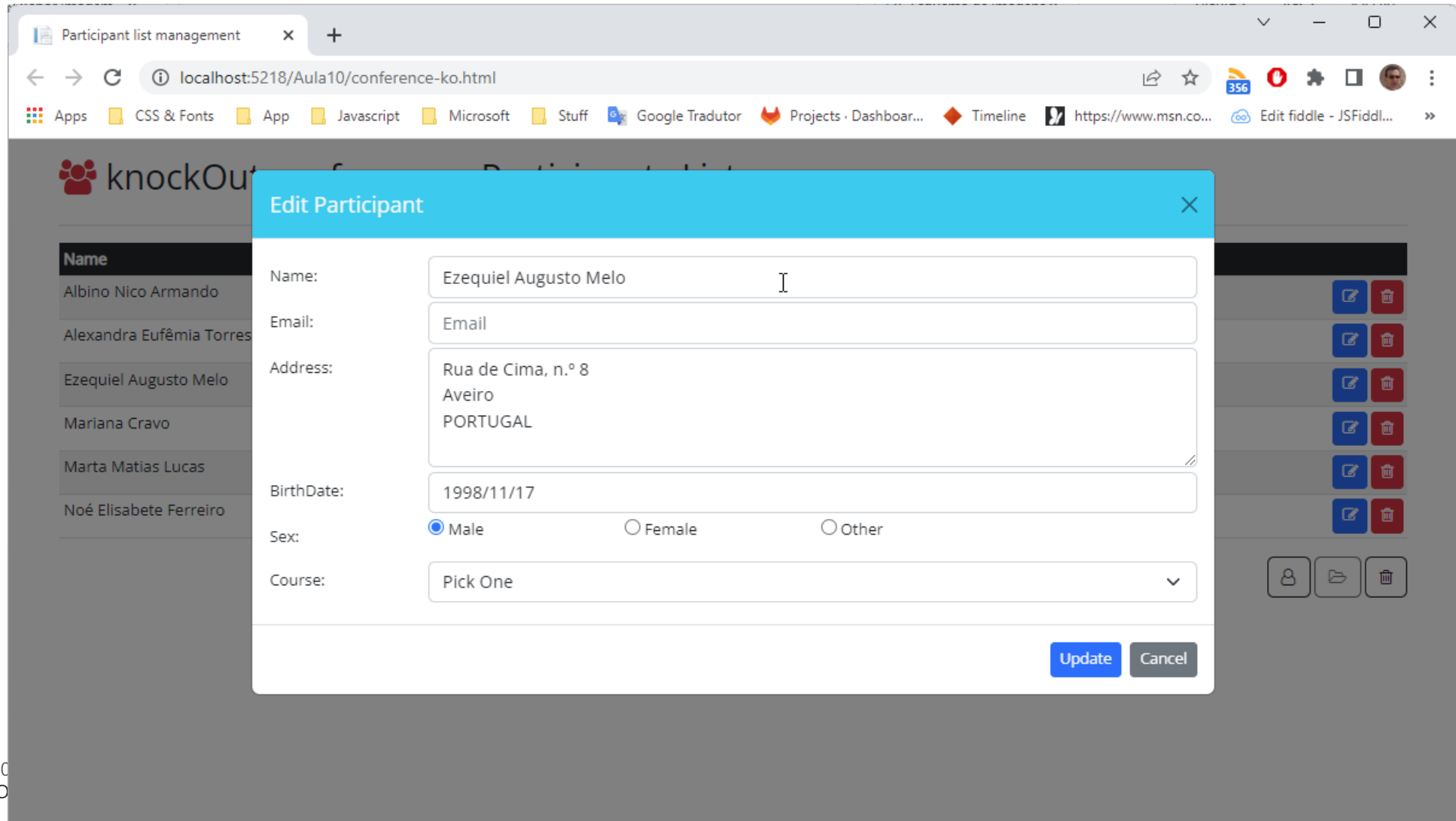
knockOut conference - Participants List

Name	Email	Birth Date	Sex
Albino Nico Armando			
Alexandra Eufêmia Torres			
Ezequiel Augusto Melo		1998/11/17	Male
Mariana Cravo			Female
Marta Matias Lucas	marta.lucas@teste.com		
Noé Elisabete Ferreira			Male

Carregando neste botão, o conferencista será apagado

Carregando neste botão, o conferencista será editado

Edição de um conferencista



The screenshot shows a web browser window with the address bar displaying `localhost:5218/Aula10/conference-ko.html`. The browser's tab is titled "Participant list management". The page content includes a sidebar with a "knockOut" logo and a list of names: Albino Nico Armando, Alexandra Eufêmia Torres, Ezequiel Augusto Melo, Mariana Cravo, Marta Matias Lucas, and Noé Elisabete Ferreiro. A modal titled "Edit Participant" is open, displaying the following form fields:

- Name: Ezequiel Augusto Melo
- Email: Email
- Address: Rua de Cima, n.º 8, Aveiro, PORTUGAL
- BirthDate: 1998/11/17
- Sex: ☒ Male, ☐ Female, ☐ Other
- Course: Pick One

At the bottom right of the modal are "Update" and "Cancel" buttons.

Edição de conferencista

data de nascimento

Participant list management

localhost:5218/Aula10/conference-ko.html

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knockOut

Edit Participant

Name: Ezequiel Augusto Melo

Email: Email

Address: Rua de Cima, n.º 8
Aveiro
PORTUGAL

BirthDate: 1998/11/17

Sex: ☐ Male ☐ Female ☐ Other

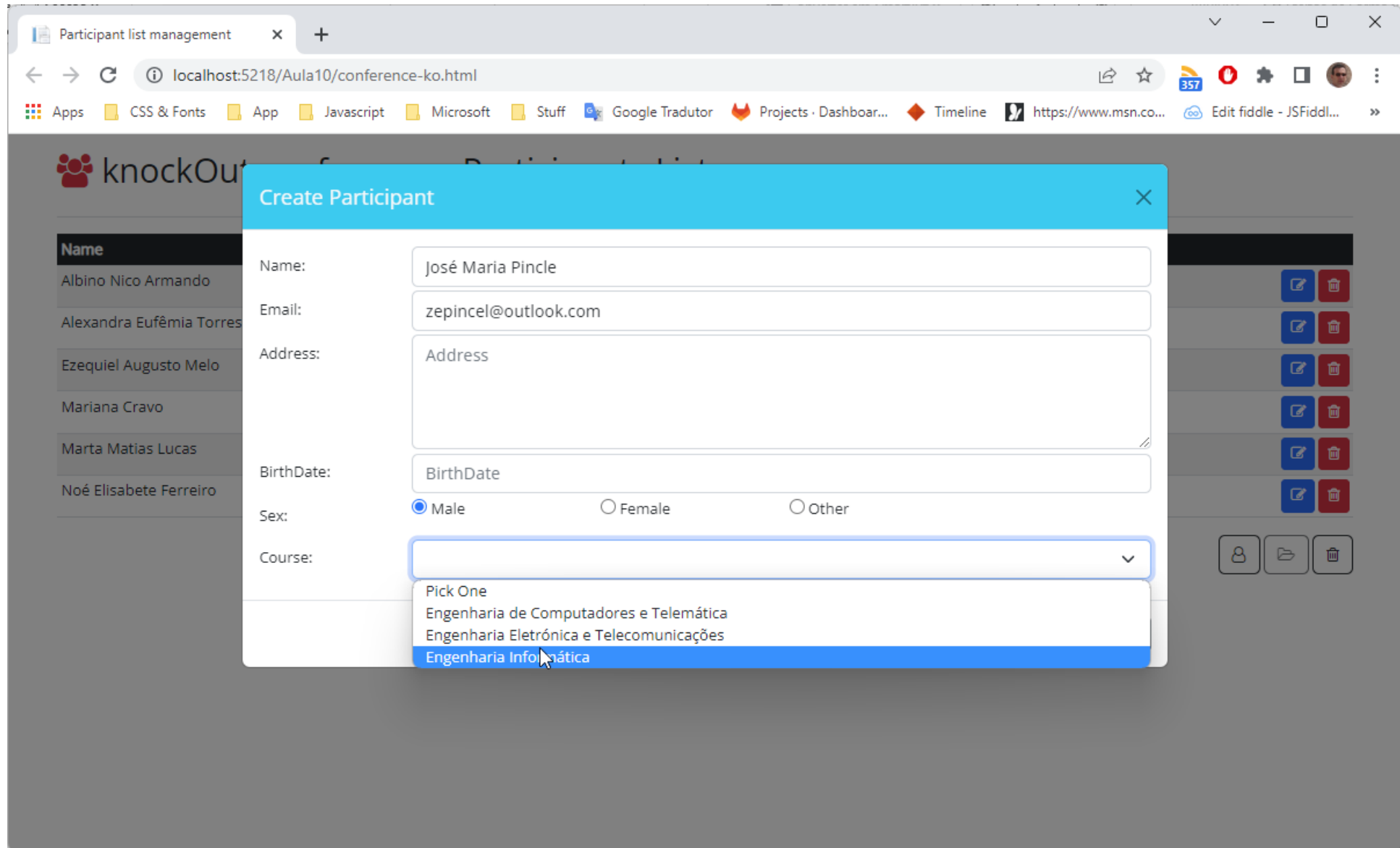
Course:

Update Cancel

Nov 1998

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

jQueryUI



Lista de conferencistas















novο participante




Participant list management

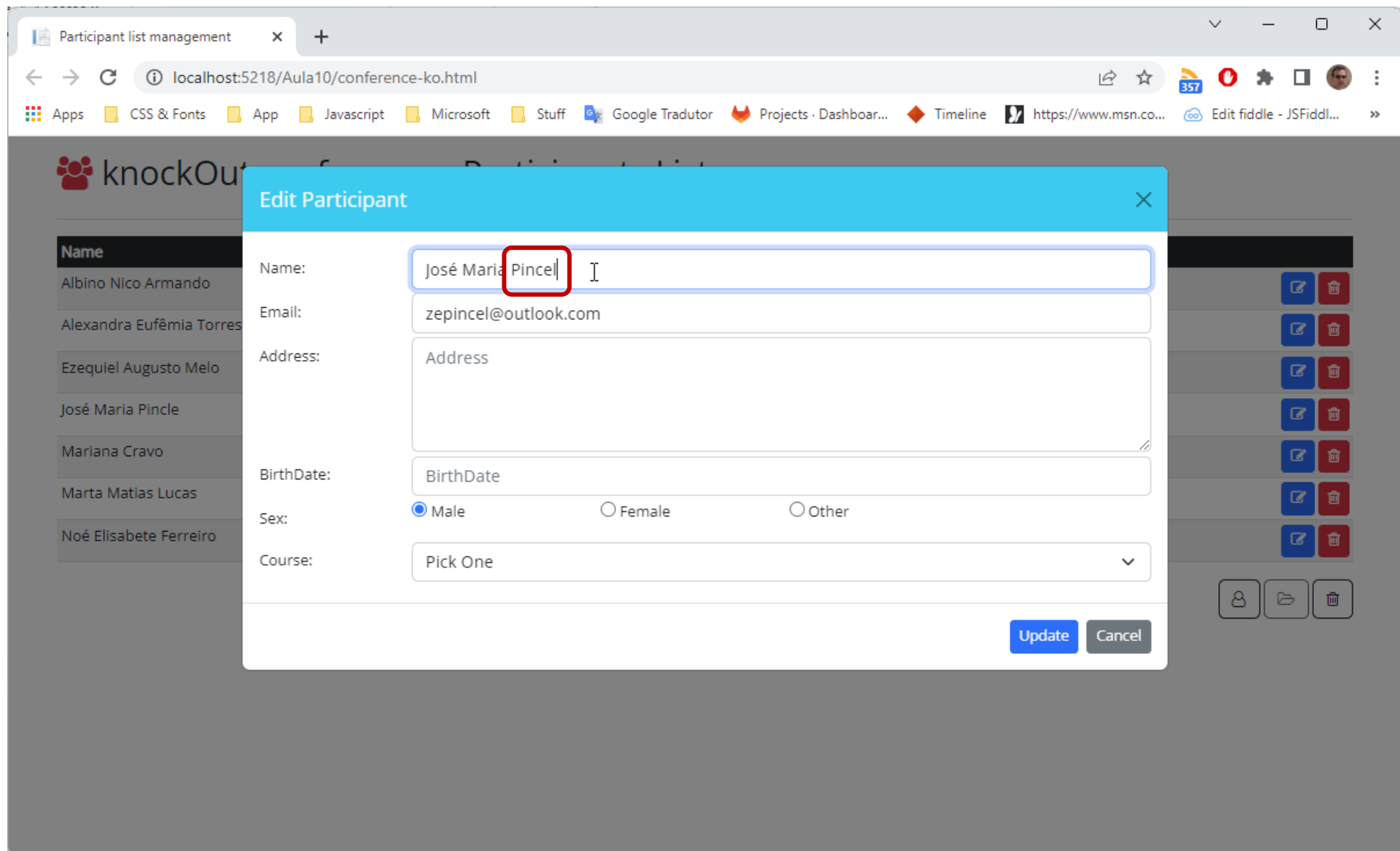
localhost:5218/Aula10/conference-ko.html

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knockOut conference - Participants List

Name	Email	Birth Date	Sex	
Albino Nico Armando				 
Alexandra Eufêmia Torres				 
Ezequiel Augusto Melo		1998/11/17	Male	 
José Maria Pincle	zepincel@outlook.com		Male	 
Mariana Cravo			Female	 
Marta Matias Lucas	marta.lucas@teste.com			 
Noé Elisabete Ferreira			Male	 


  















Participant list management

localhost:5218/Aula10/conference-ko.html

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 knockOut conference - Participants List

Name	Email	Birth Date	Sex	
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Mariana Cravo			Female	 
Marta Matias Lucas	marta.lucas@teste.com			 
Noé Elisabete Ferreira			Male	