

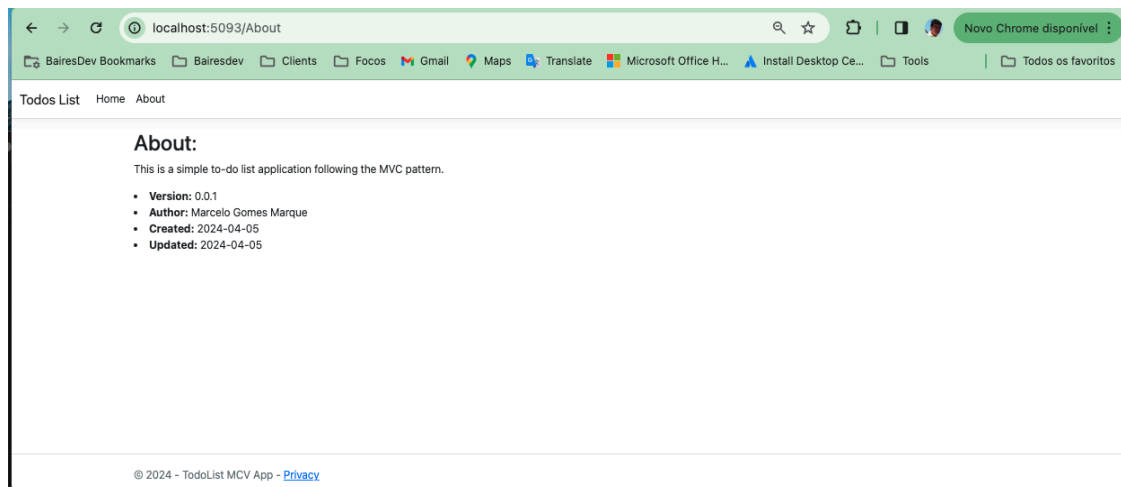
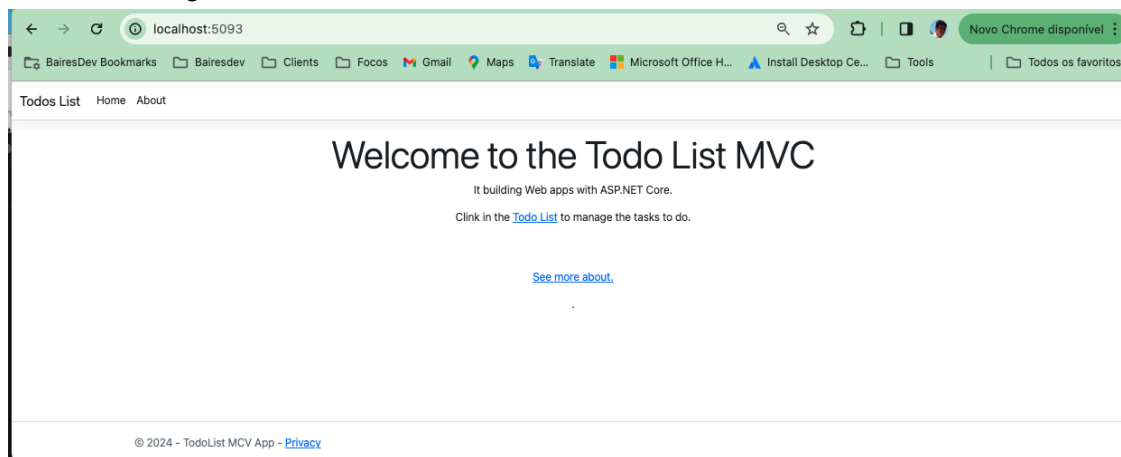
Exercise 1: Create an asp.net MVC with a list of todo items

Statement:

Create an asp.net MVC web application. Add a Controller to manage a TODO list. Add an action and a page to list current to-do items. The items will live in memory; each to-do item should have an ID and title.

Topics to Practice:

- Controllers
- Actions
- Views
- Routing



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localhost:5093/Todos

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Todos List Home About

Todos list:

[Create New Task Item](#)

Priority: All ▾ Task: Filter

Task	Planned Date	Due Date	Priority	Done	
Study DotNet Bootcamp Level 6	2024-04-02	2024-04-05	P1	<input checked="" type="checkbox"/>	Edit Details Delete
Do the Exercise 1 from DotNet Bootcamp Level 6	2024-04-04		P2	<input type="checkbox"/>	Edit Details Delete

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localhost:5093/Todos/Details/3

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Task Details:

Todo Item Deteails:

Task	Do the Exercise 1 from DotNet Bootcamp Level 6
Planned Date	2024-04-04
Due Date	
Priority	P2
Done	<input type="checkbox"/>

[Edit](#) | [Back to List](#)

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Edit a Task:

Todo Task details to edit:

Task	<input type="text" value="Do the Exercise 1 from DotNet Bootcamp Level 6"/>
Planned Date	<input type="text" value="04/04/2024"/> 🗓
Due Date	<input type="text" value="05/04/2024"/> 🗓
Priority	<input type="text" value="P2"/>
Done	<input checked="" type="checkbox"/>
	Save

[Back to List](#)

Exercise 2: Create a new to-do page.

Statement:

Create a new view to display a create to-do form. Another action should receive the to-do information, validate it, and add the to-do to the list of items, redirecting the user back to the list.

Topics to Practice:

- Model binding
- Model validation

The screenshot shows a web browser at localhost:5093/Todos/Create. The page has a navigation bar with 'Todos List', 'Home', and 'About'. The main content area is titled 'Create a new Task: enter the Todo item;'. It contains a form with the following fields: 'Task' (text input), 'Planned Date' (date input with 'dd/mm/yyyy' placeholder), 'Due Date' (date input with 'dd/mm/yyyy' placeholder), and 'Priority' (text input). Below these fields is a 'Done' checkbox and a blue 'Create' button. A 'Back to List' link is at the bottom left.

This screenshot shows the same form as the previous one, but with validation errors. The 'Task' field has a red error message: 'This field Task is mandatory'. The 'Planned Date' field has a red error message: 'This field Planned Date is mandatory'. The 'Priority' field has a red error message: 'This field Priority is mandatory'. The 'Done' checkbox is still present, and the 'Create' button and 'Back to List' link are at the bottom.

This screenshot shows the form with specific validation errors. The 'Task' field contains the text 'UI' and has a red error message: 'The task name cannot exceed 50 characters and must be at least 3 characters long.' The 'Planned Date' field contains '05/04/2024'. The 'Due Date' field contains '01/04/2024'. The 'Priority' field contains '01' and has a red error message: 'The priority must start with a letter in upper case followed by a number.' The 'Done' checkbox is still present, and the 'Create' button and 'Back to List' link are at the bottom.

localhost:5093/Todos/Create

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Todos ListHomeAbout

Create a new Task:

enter the Todo item;

Task

UI Tests

Planned Date

05/04/2024

Due Date

01/04/2024

Due date must be later than planned date

Priority

P2

Done

☐

Create

Back to List

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Todos ListHomeAbout

Todos list:

Create New Task Item

Priority: All Task: Filter

Task	Planned Date	Due Date	Priority	Done
Study DotNet Bootcamp Level 6	2024-04-02	2024-04-05	P1	<input type="checkbox"/> Edit Details Delete
Do the Exercise 1 from DotNet Bootcamp Level 6	2024-04-04	2024-04-05	P2	<input type="checkbox"/> Edit Details Delete
UI Tests	2024-04-05	2024-04-05	P2	<input type="checkbox"/> Edit Details Delete

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localhost:5093/Todos/Delete/5

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Todos ListHomeAbout

Delete a Todo Task:

Are you sure you want to delete this task?

Todo

Task

UI Tests

Planned Date

2024-04-05

Due Date

2024-04-05

Priority

P2

Done

☐

Delete

Back to List

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Todos ListHomeAbout

Todos list:

Create New Task Item

Priority: All Task: Filter

Task	Planned Date	Due Date	Priority	Done
Study DotNet Bootcamp Level 6	2024-04-02	2024-04-05	P1	<input type="checkbox"/> Edit Details Delete
Do the Exercise 1 from DotNet Bootcamp Level 6	2024-04-04	2024-04-05	P2	<input type="checkbox"/> Edit Details Delete

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