Application Development with .NET MAUI and Blazer: Exception Handling

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1. Todo List: Invalid Input

* For this exception we implemented if a user enters special characters (@, #, $, %) it throws the exception. The custom exception has a message which is shown when the error is displayed. In the code the CheckInvalidCharacters method checks if a Todo item contains any special characters, if yes then the exception is thrown and prompts the show Modal method to display the error message.

1. Non-Numeric input

* This exception is thrown when a non-numeric input is entered. All the methods, Add, Subtract, Multiply, Divide, and Remainder have this exception. In each method there is a try and catch, first it checks if the format is correct, if not the exception is thrown and error message is displayed with ShowModal();

1. Divide by Zero Exception

* This exception is thrown when a number is being divided by zero, it is called in the Divide method and checks if the second number is 0, if yes then the exception is thrown, and the error is displayed.

Screenshots:

A screenshot of a computer

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