

# Assignment 1

The Age Calculator (15%)

## DUE DATE

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Session 5

## OBJECTIVES

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The objectives of this assignment are:

- Build the structure of ASP.NET application.
- Create an ASP.NET application.
- Devise a controller within an ASP.NET application.
- Devise a view in an ASP.NET application.
- Bind data to a view in an ASP.Net application.

## DESCRIPTION

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This is a practical exercise in building a small application using ASP.NET concepts acquired in the course so far. Please follow the instructions in the next section for project specifications.

## INSTRUCTIONS

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Build a small application based on the following instructions.

The screenshot shows a web application titled "Age Calculator" in a blue header bar. Below the header, the main content area has a light gray background. It features a section titled "Find Your Age" with the instruction "Insert Your Birth Date" below it. To the right of the text is a text input field with the placeholder "mm/dd/yyyy" and a button labeled "Click To See Age". Below the input field and button, the text "Your Age" is displayed.

- Using ASP.NET create an Age Calculator, which can determine the age according to a given date of birth.
- The calculated age will be displayed in years, months, weeks, days, hours, minutes, and seconds.
- The application returns the age in years, or months, or weeks, or days, or minutes, or seconds.
- The only input parameter is the birth date and the displayed output is the age based on the input date of birth.

### SUBMISSION INSTRUCTIONS

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Your submission must include:

1. Documentation explaining the different SDLC steps you have followed in order to create this program. You also have to include the source code.
2. The source code of your program.

Work must be submitted in the correct file type and be properly labelled as per the College naming convention:

NAME\_COURSE\_ASSIGNMENT. E.g. XuXiaLing\_FM50D\_A01.

### GRADING CRITERIA

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Assignment Value: **15%**