

# USER MANUAL

## MVC APPLICATION FOR EMPLOYEE MANAGEMENT

CRISTIAN CAMILO LOPEZ DIAZ

SII GROUP - THALES

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## Introduction:

This user manual provides instructions for using the MVC Application for Employee Management. The application is designed to consume APIs to retrieve employee data, calculate employee salaries, and display the information in a web-based user interface. This manual will guide you through the steps required to use the application.

## System Requirements:

- Microsoft Visual Studio 2022
- .NET Core 6.0
- SQL Server
- Internet access

## Installation:

1. Clone the repository from the following link: <https://github.com/CristianLopezD/Sii-Group-Thales>
2. Open SQL Server
3. Execute InitDB.sql after v\_PayrollEmployee.sql
4. Open the solution siiGroup-Thales-WebApi.sln in Visual Studio 2022
5. Build the solution.
6. Run the WebApi
7. Open the solution siiGroup-Thales-WebApp.sln in Visual Studio 2022
8. Build the solution.
9. Run the WebApp

## Application Usage:

1. Employee List:
  - a. The application allows users to view a list of employees and their basic information. To access this feature
2. Employee Details:
  - a. The application allows users to view detailed information about a specific employee. To access this feature, write to the Employee ID in the search bar.
3. Salary Calculation:
  - a. The application calculates the annual salary of each employee based on their monthly salary. This feature is used internally in database and is not accessible to users.

## Unit Testing:

- Open the Test Explorer in Visual Studio.
- Run the " UnitTest1.cs " unit test to ensure that the business layer is working correctly.

## Conclusion:

The MVC Application for Employee Management provides a simple and intuitive way to manage employee information. With its easy-to-use interface and powerful features, it is an ideal solution for businesses of all sizes.