

**ST10034939**

**PROG6212**

**POE PART 1**

## Features

1. **Add New Modules:** Users can input new modules, specifying details such as the module code, name, credits, and class hours per week.
2. **Specify Semester Details:** Users can set the start date of the semester and the number of weeks it spans.
3. **Track Study Hours:** Users can record the hours they've studied for a specific module on a given date.
4. **View Remaining Hours:** The application provides insight into how many hours of self-study remain for each module for the current week.

## How To Use

1. **Setting Up the Semester:** Before adding modules, specify the number of weeks in the semester using the provided input field.
2. **Adding Modules:**
  - Fill in the module details in the respective input fields.
  - Click on the "Add Module" button.
3. **Recording Study Hours:**
  - Select a module from the dropdown.
  - Choose a date.
  - Input the number of hours studied.
  - Click the "Record Hours" button.
4. **Checking Remaining Study Hours for the Week:**
  - Click the "Update Remaining Hours" button to see a breakdown of hours remaining for self-study for each module for the current week.

## Data Persistence

Note: The application **does not persist data** between runs. All data is stored in memory, and any data input will be lost once the application is closed.

## Getting Started

1. Clone the repository to your local machine.
2. Open the solution file in your preferred C# IDE (e.g., Visual Studio).
3. Build and run the application.

## Dependencies

- .NET Framework
- Windows Presentation Foundation (WPF) for the UI

Link to Youtube video: [https://youtu.be/TWjw\\_qA9MZk](https://youtu.be/TWjw_qA9MZk)

Link to GitHub : <https://github.com/VCNMB/vcnmb-prog6212-2023-poe-SethDVS>

UML Diagram :

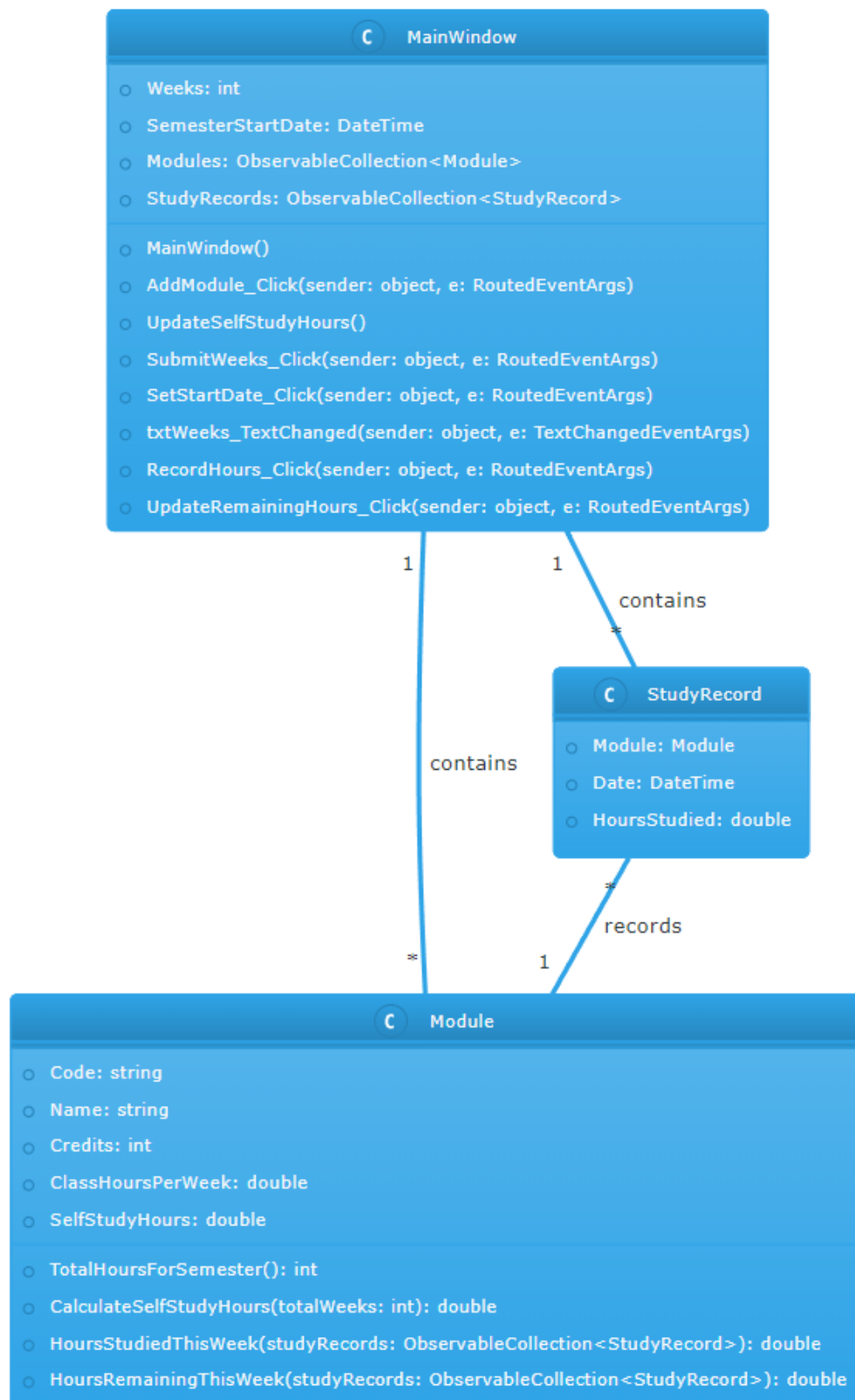


Figure 1 UML Diagram created with [https://www.lucidchart.com/pages/examples/uml\\_diagram\\_tool](https://www.lucidchart.com/pages/examples/uml_diagram_tool)

