Studio # 1 & 2

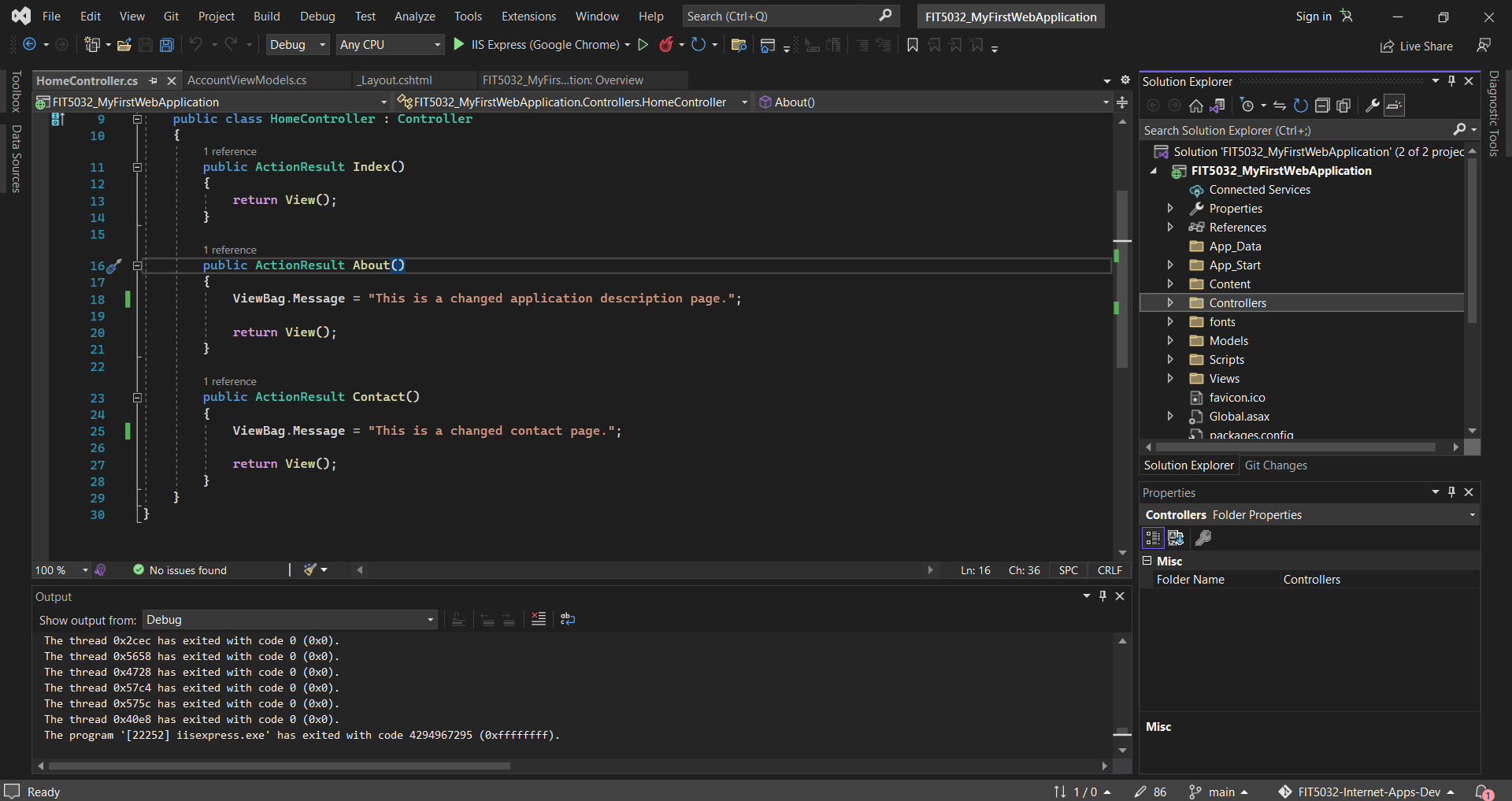
Name and Student Id: Nicolas Pallant 28785959

Self-Evaluation:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Need Help | Work in Progress | Pass | Credit | Distinction | **High Distinction** |

Task 1.1

Visual Studio



Localhost

Graphical user interface, text

Description automatically generated

Git Repository

https://github.com/Ryukawastaken/FIT5032-Internet-Apps-Dev.git

Task 1.2

5 Different Agile Development IDEs:

Microsoft Visual Studio https://visualstudio.microsoft.com/

JetBrains Rider https://www.jetbrains.com/rider/

Oracle NetBeans https://www.oracle.com/au/tools/technologies/netbeans-ide.html

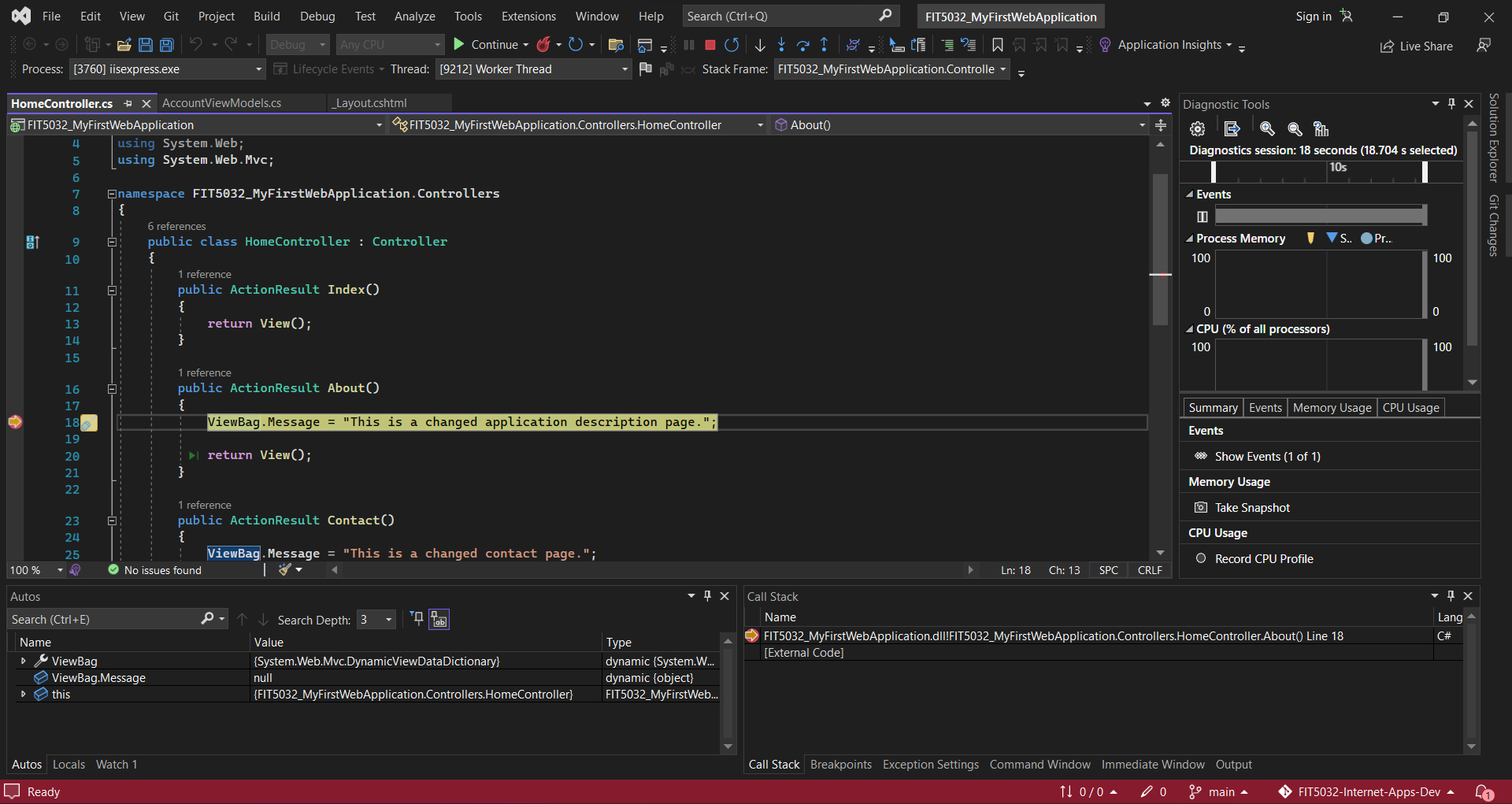
JetBrains IntelliJ IDEA https://www.jetbrains.com/idea/

JetBrains PyCharm https://www.jetbrains.com/pycharm/

Features of Visual Studio Community Edition

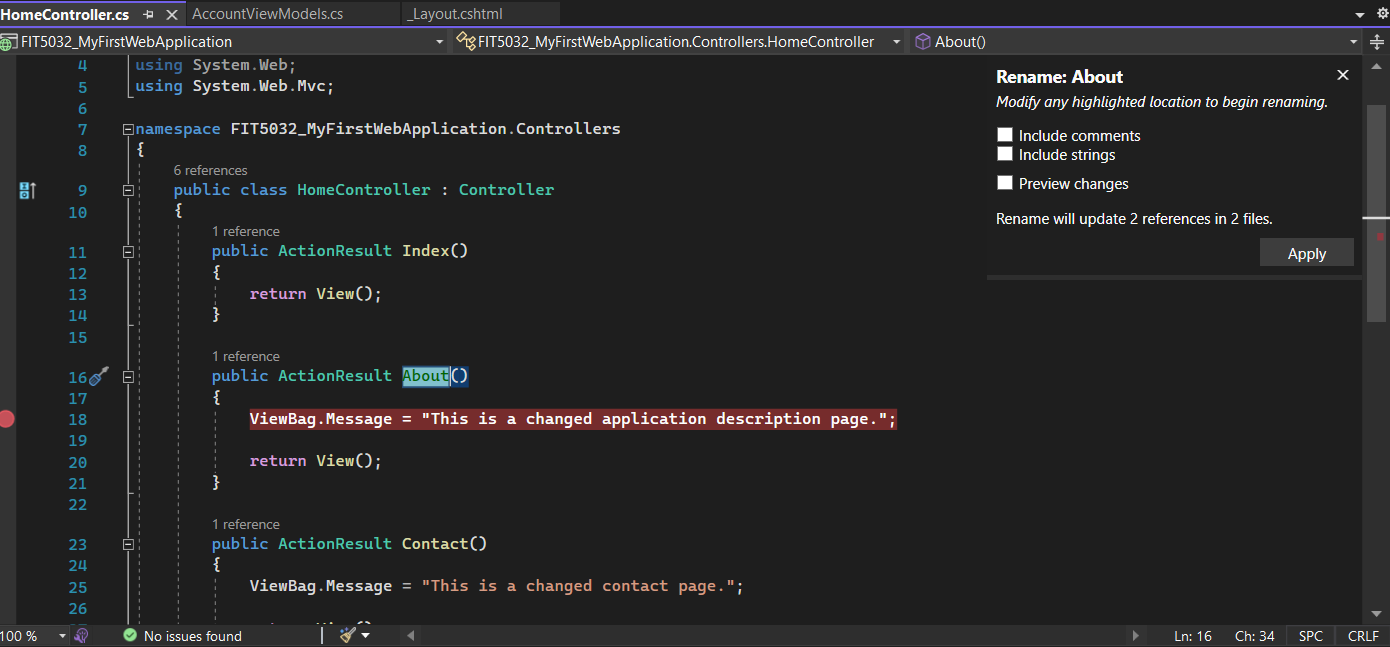
Breakpoints/Debugging

* Allows for real-time debugging at multiple points
* Shows status of variables at current point in time
* Allows for stepping over/into/out of for flow visualisation



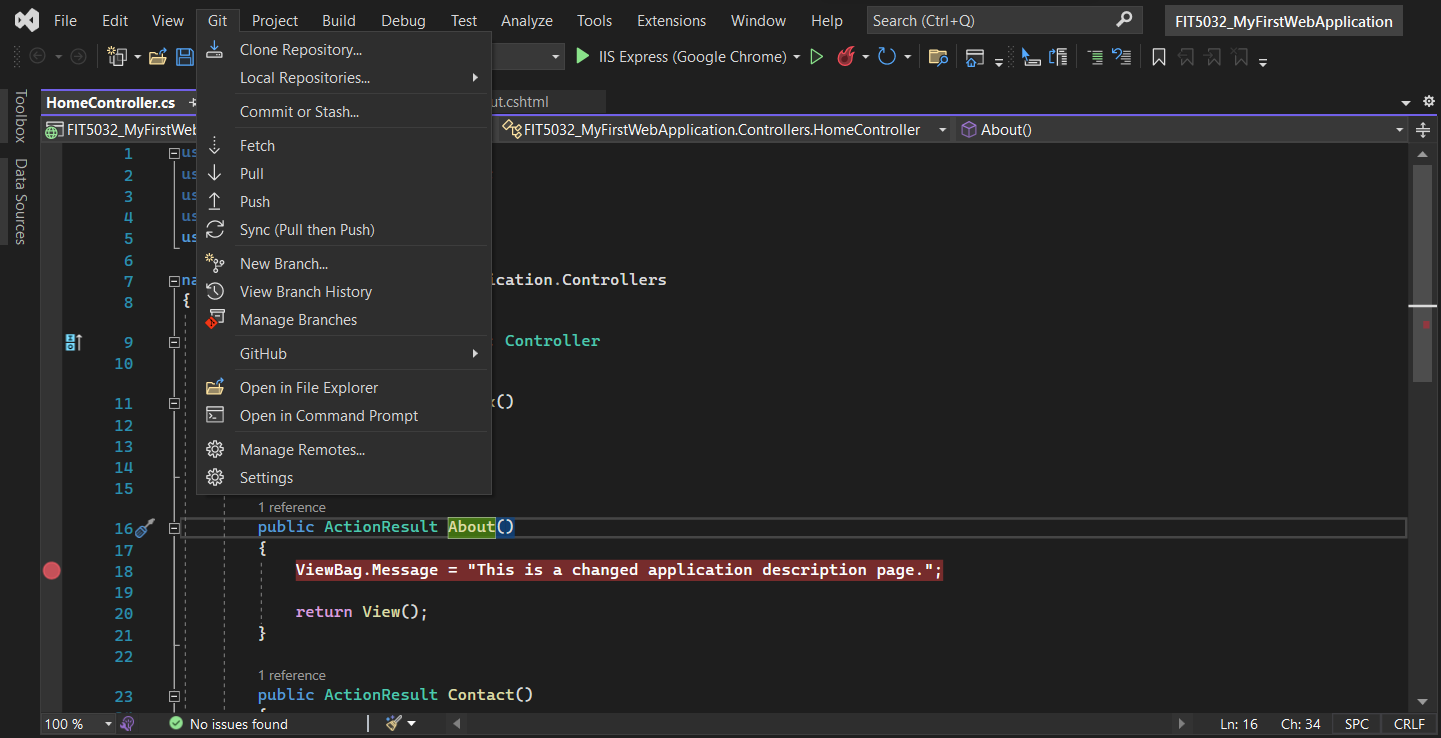
Method Renaming with updated references

* Allows for renaming in one place and updating of all references to the variable/function
* Can choose to include comments/strings in renaming
* Can preview changes before applying changes



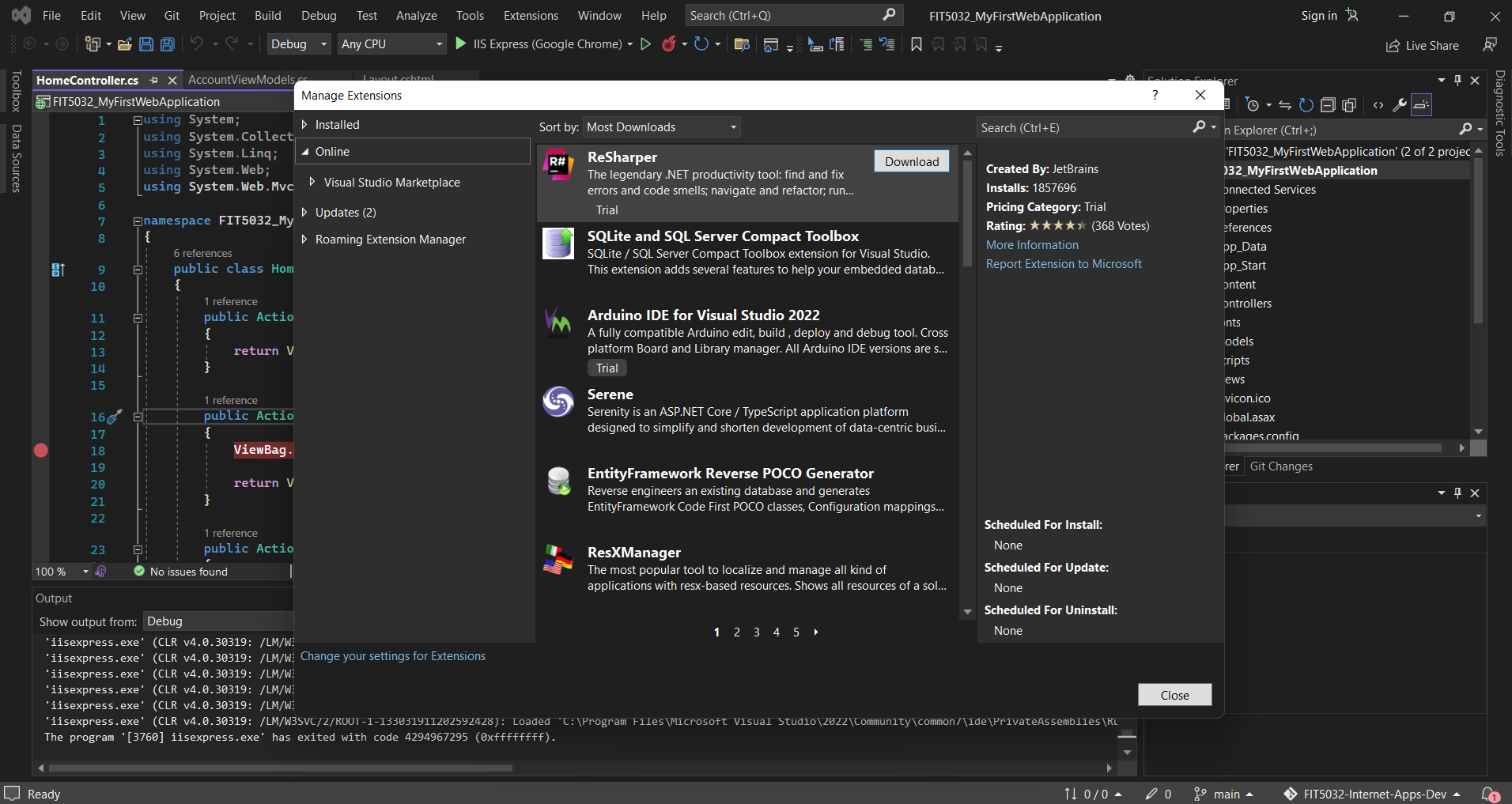
Integrated Git/Version Control

* Allows the cloning of remote repositories and the management of local repositories
* Allows Pushing and Pulling directly from the IDE
* Allows for Branching and the management of those Branches



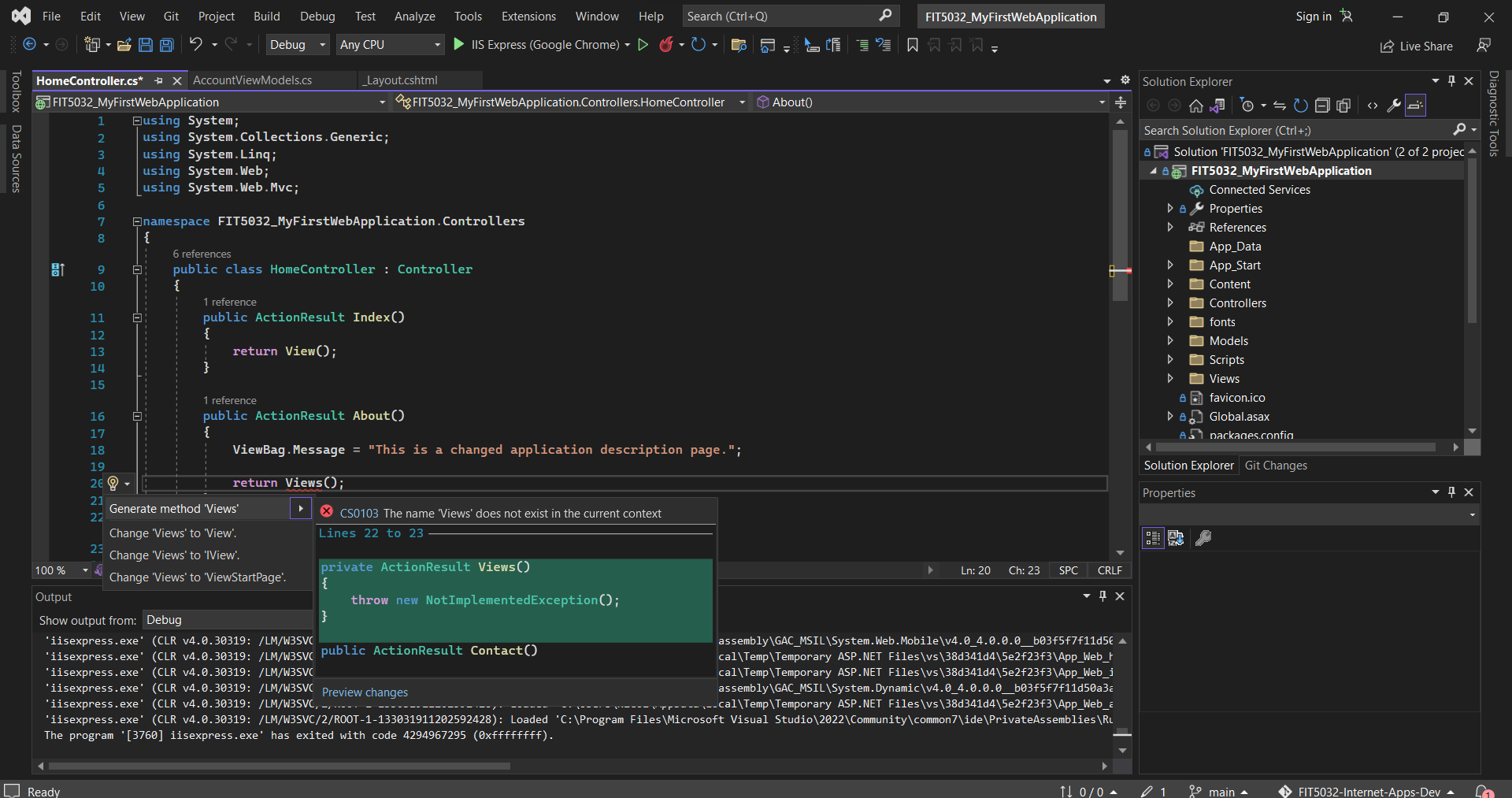
Extension Support

* Includes support for installation of official and independently made extensions
* Easy to use Extension manager to browse, install, uninstall, and modify extensions



Quick Actions and Refactoring

* Allows easy fixes of mistakes by recognizing what you may have meant
* Allows quick generation of methods
* Suggests changes to code to fix potential issues



Task 2.1

CSS

Webpage

Text

Description automatically generated

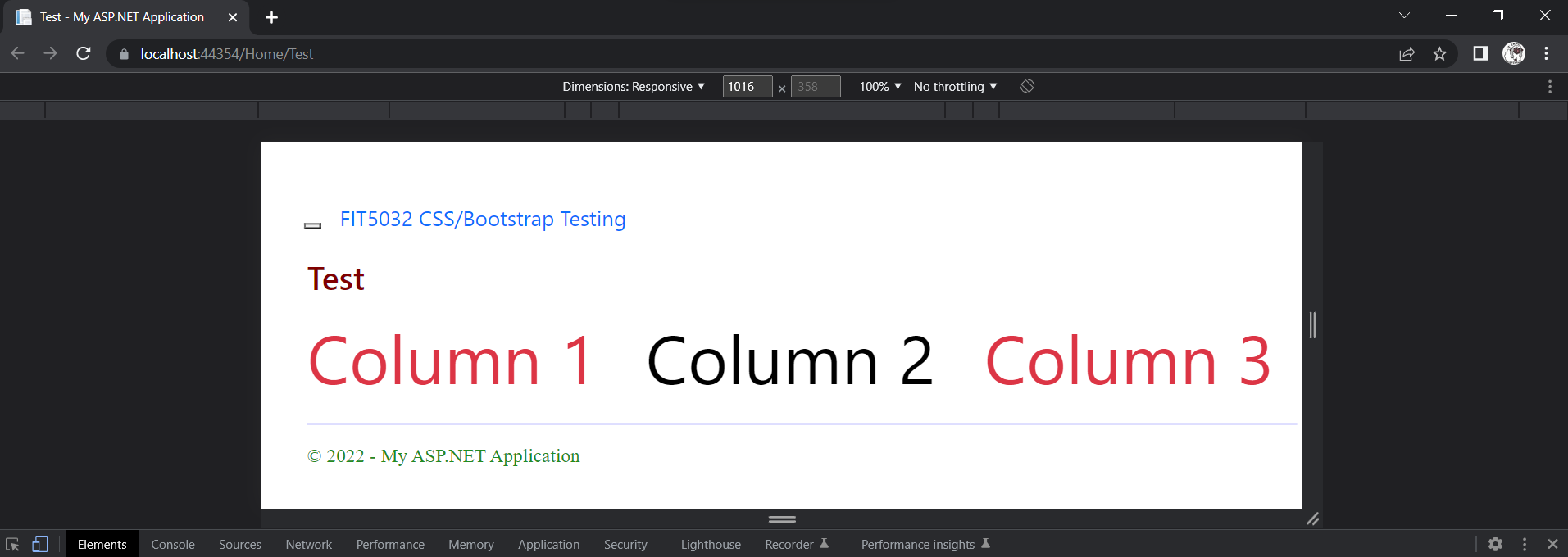
Code

A screenshot of a computer

Description automatically generated with medium confidence

Bootstrap

Webpage



Code

A screenshot of a computer

Description automatically generated with medium confidence

Git Repository

https://github.com/Ryukawastaken/FIT5032-Internet-Apps-Dev.git

Task 2.2

Web Application

Graphical user interface, text, application

Description automatically generated

Database Schema

Graphical user interface, text, application

Description automatically generated

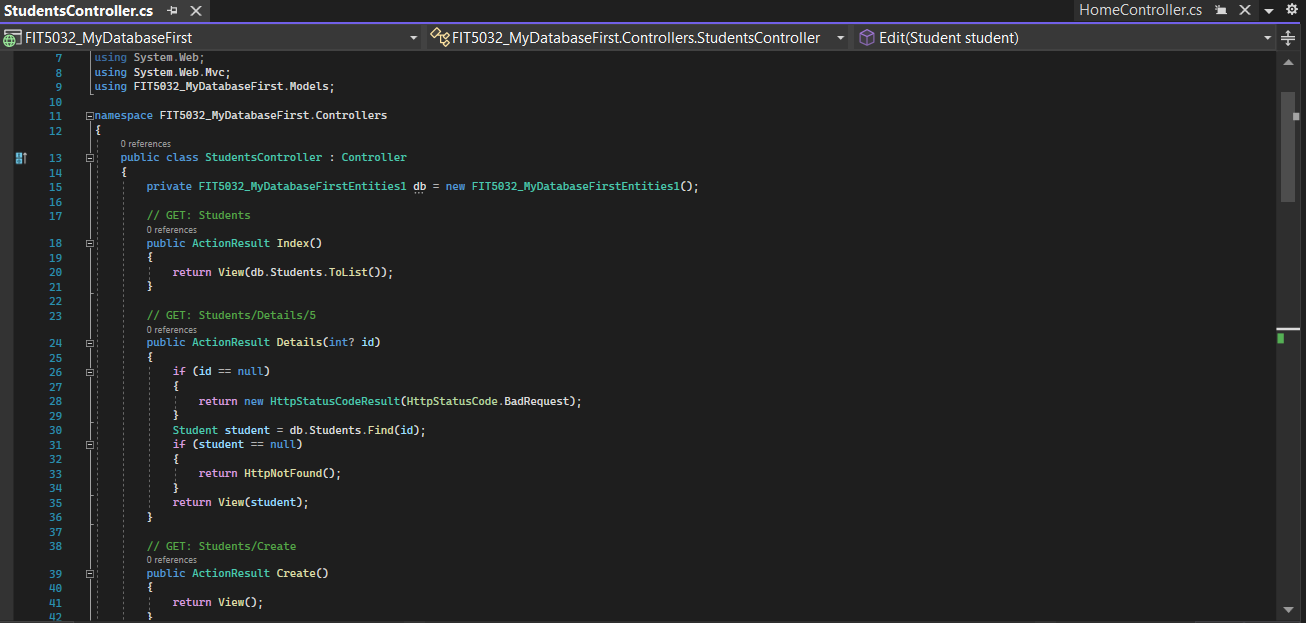
Code

Student Model

Text

Description automatically generated

Controller



Git Repository

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