

# SafeAssign Originality Report

Programming 2B • Portfolio of Evidence (PoE)

**Kevin Bernard**

Submission UUID: 4663a8f9-449c-9eb5-24be-ac958fa54da7

Total Score:  High risk 47 %

Total Number of Reports

7

Highest Match

97 %

ST10116374\_PROG6212\_POE\_UML.pdf

Average Match

47 %

Submitted on

01/12/22

20:04 GMT+2

Average Word Count

650

Highest: ST10116374\_PROG6212\_POE\_...

Attachment 1

ST10116374\_PROG6212\_POE SQL backup

Source Matches (0)

Attachment 2

ST10116374\_PROG6212\_POE SQL bacpac.bacpac

Source Matches (0)

Attachment 3

ST10116374\_PROG6212\_POE SQL Script.sql

Source Matches (0)

 Attachment 4

37 %

Word Count: 539

ST10116374\_PROG6212\_POE\_Readme.pdf

Institutional database (2)

31 %

① My paper

④ Student paper

Internet (4)

6 %

② databasefaq

③ wikipedia

⑥ codefari

⑤ wikipedia

Top sources (3)

① My paper

④ Student paper

② databasefaq

Excluded sources (0)

ST10116374

PROG6212

POE Readme

- ① To open the program you can use Visual Studio use the "Green arrow and start button" or open "ST10116374\_PROG6212\_POE\_part1.sln" can also be done
- ① using visual studio. Once open in visual studio you will need to make sure that your database is connected to a SQL server to do this go to the top left under

view than server explorer this page will pop up:

All SQL scripts, backup and bacpac will be in the same folder as this file

Hit the button that says "connect to databases" it looks like a cylinder with a power plug, than this page will pop up

Fill server name with the server you connect to in SQL Server Management Studio and also under "select or enter a database name" enter the databases that you will need mine was calle" modulesdb"

This is where you can find the server your connecting to

Once you have connected the server connection will appear under "Database Connections"

Than you will need the to change the connection string to your local database you find fin at the bottom right in visual studio if you click your database connection

Copy the connection string and past it in the needed connectionString in the project file they look like this:

There is one in login.cshtml.cs, Register.cshtml.cs, Setday.cshtml.cs, edit.cshtml.cs, create.cshtml.cs, delete.cshtml, deletesetday.cshtml and Index.cshtml.cs

Once you have done that and you used the same database name and tables the app should be able to read and write to the database. All that left is to press this button and the app will start how to use the app will be covered in the user manual.

#### Requirements

Software: ② Visual studios and SQL Server Management Studio

Operating Systems: ③ Windows 7 SP1 and later

Windows 8.1

④ Windows 10 Version 1607 and later

Windows Server 2008 R2 SP1 (Full Server or Server Core)

Windows Server 2012 SP1 (Full Server or Server Core)

Windows Server 2012 R2 (Full Server or Server Core)

Windows Server 2016 (Full Server, Server Core, or Nano Server)

Mac OS X 10.11, 10.12\*

Red Hat Enterprise Linux 7

Ubuntu 14.04, 16.04, 17

① Hardware Environment Processor: x86 or x64

RAM: ① 512 MB (minimum), 1 GB (recommended)

Hard disc: ① up to 3 GB of free space may be required

Development Environment Microsoft Visual Studio 2015 Update 3 (minimum) , 2017 version latest (15.6.4), 2019, 2022.

.NET Framework: Minimum .NET 4.5.1 upto .NET 4.7.

Command Line (Optional. Necessary for command line deployment)

Visual Studio Code (optional text-editor)

⑤ SQL Server 2008 Express (optional)

⑥ .NET Core 3.1

Browser support Chrome Firefox

Opera

Edge

IE

Safari

iOS

Chrome

Android

Windows Mobile

Reference/Code attribution

④ Create ASP.NET Core Web Application with SQL Server Database Connection and CRUD Operations,

2022. ④ YouTube video, added by BoostMyTool. [Online]. Available at: [https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK\\_4s-5HVFrgQYf9k4&index=15&t=708s](https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&index=15&t=708s)

④ [https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK\\_4s-5HVFrgQYf9k4&index=15&t=708s](https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&index=15&t=708s)

5HVFrgQYf9k4&index=15&t=708s [Accessed 28 November 2022]


④ [https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK\\_4s-5HVFrgQYf9k4&index=15&t=708s](https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&index=15&t=708s)

[https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK\\_4s-5HVFrgQYf9k4&index=15&t=708s](https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&index=15&t=708s)

#### Source Matches (14)

|   |  |
|---|--|
| ① <i>My paper</i> 94%   |  |
| Student paper<br>To open the program you can use Visual Studio use the "Green arrow and start button" or open "ST10116374_PROG6212_POE_part1.sln" | Original source<br>To open the program you can use Visual Studio and open a new project and use the "Green arrow and start button" or open "ST10116374_PROG6212_POE_part1.sln" |
| ① <i>My paper</i> 68%   |  |
| Student paper<br>using visual studio.   | Original source<br>can also be done using visual studio  |
| ② <i>databasefaq</i> 68%  |  |
| Student paper<br>Visual studios and SQL Server Management Studio  | Original source<br>The SQL Server, IIS, and Visual Studio are all  |
| ③ <i>wikipedia</i> 70%  |  |
| Student paper<br>Windows 7 SP1 and later  | Original source<br>This version requires Windows 7 SP1 or later  |
| ④ <i>Student paper</i> 72%  |  |
| Student paper<br>Windows 10 Version 1607 and later  | Original source<br>- Windows 10 or any later version   |
| ① <i>My paper</i> 75%   |  |
| Student paper<br>Hardware Environment Processor: x86 or x64   | Original source<br>Hardware Needed Processor x86 or x64 RAM  |
| ① <i>My paper</i> 86%   |  |
| Student paper<br>512 MB (minimum), 1 GB (recommended)   | Original source<br>512 MB (minimum), 1 GB (recommended) Hard disc  |
| ① <i>My paper</i> 100%  |  |
| Student paper<br>up to 3 GB of free space may be required   | Original source<br>up to 3 GB of free space may be required  |

|   |   |
|---|---|
| <div> <div>5</div> <div>wikipedia</div> <div>74%</div> </div>   |   |
| <div>Student paper</div> <div>SQL Server 2008 Express (optional)</div>  | <div>Original source</div> <div>"SQL Server 2008</div>  |
| <div> <div>6</div> <div>codefari</div> <div>63%</div> </div>  |   |
| <div>Student paper</div> <div>.NET Core 3.1</div>   | <div>Original source</div> <div>.Net Core 3 Announced date</div>  |
| <div> <div>+</div> <div>Student paper</div> <div>100%</div> </div>  |   |
| <div>Student paper</div> <div>Create ASP.NET Core Web Application with SQL Server Database Connection and CRUD Operations,</div>  | <div>Original source</div> <div>Create ASP.NET Core Web Application With SQL Server Database Connection and CRUD Operations</div>   |
| <div> <div>4</div> <div>Student paper</div> <div>88%</div> </div>   |   |
| <div>Student paper</div> <div>YouTube video, added by BoostMyTool.</div>  | <div>Original source</div> <div>2022.YouTube video, added by BoostMyTool</div>  |
| <div> <div>+</div> <div>Student paper</div> <div>76%</div> </div>   |   |
| <div>Student paper</div> <div><a href="https://www.youtube.com/watch?v=T-e554Zt3n4&amp;list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&amp;index=15&amp;t=708s">https://www.youtube.com/watch?v=T-e554Zt3n4&amp;list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&amp;index=15&amp;t=708s</a></div> | <div>Original source</div> <div><a href="https://www.youtube.com/watch?v=T-e554Zt3n4">https://www.youtube.com/watch?v=T-e554Zt3n4</a></div>   |
| <div> <div>+</div> <div>Student paper</div> <div>66%</div> </div>   |   |
| <div>Student paper</div> <div><a href="https://www.youtube.com/watch?v=T-e554Zt3n4&amp;list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&amp;index=15&amp;t=708s">https://www.youtube.com/watch?v=T-e554Zt3n4&amp;list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&amp;index=15&amp;t=708s</a></div> | <div>Original source</div> <div><a href="https://www.youtube.com/watch?v=T-e554Zt3n4">https://www.youtube.com/watch?v=T-e554Zt3n4</a> <a href="https://www.youtube.com/watch?v=T-e554Zt3n4">https://www.youtube.com/watch?v=T-e554Zt3n4</a></div> |

 Attachment 5
 97 %

Word Count: 163  
 ST10116374\_PROG6212\_POE\_UML.pdf

Institutional database (1)

97 %

1

My paper

Top sources (1)

1

My paper

Excluded sources (0)

StudentStudent  
 SemesterSemester  
 ModulesModules  
 LoginLogin

1..\*

1

1..\*

1

1..\*

1

1..\*

11..\* 11..\* 1

① This UML shows the relationships that each class has Student class holds all the components needed for student and the share a inheritance with log in that shows the student can login and be verified. The Student all so share the same relationship with semester and login, students can have one and only one login and semester, but they can have multiple modules each modules can have one or more student and semester gets also one or more students they receive their modules through being able to login or register

1

1..\*

1

1..\*

-StudentID: Int

-SetName()

-SemesterName: String

-SetName()

-StudentName: String

-StudentSurname: String

-StudentPassword: Int

-SetSurname()

-SetPassword()

-SetID()

-ClassCode: String

-GetClassCode

-StudentID: Int

-GetStudentID()

-ModuleCode: String

-SetNumberOfCredits()

-SetCode()

-SetName()

-ModuleHoursPerWeek: int

-ModuleNumberOfCredit: int

-ModuleName: String

-SetHoursperweek()

-ModuleSelfStudyHours: int

-SetSelfStudyhours()

-Calclateremainingselfstudyhours()

-Moduleremaininghours

-StudentID

-GetID()

-StudentPassword

-GetPassword()

-StudentID: int

-GetStudentID()

-VerifyLogin()

1 ST10116374\_PROG6212\_POE Part 1 UML.vsd Page-1

Source Matches (2)

|  |  |
|--|--|
| 1 My paper   | 94%  |
| <p>Student paper</p> <p>This UML shows the relationships that each class has Student class holds all the components needed for student and the share a inheritance with log in that shows the student can login and be verified. The Student all so share the same relationship with semester and login, students can have one and only one login and semester, but they can have multiple modules each modules can have one or more student and semester gets also one or more students they receive their modules trough being able to login or register</p> | <p>Original source</p> <p>This UML shows the relationships that each class has Student class holds all the components needed for student and the share a inheritance with log in that shows the student can login and be verified The Student all so share the same relationship with semester and modules students can have one and only one login and semester, but they can have multiple modules each modules can have one or more student and semester gets also one or more students</p> |

|   |   |
|---|---|
| 1 My paper  | 100%  |
| <p>Student paper</p> <p>ST10116374_PROG6212_POE Part 1 UML.vsd Page-1</p> | <p>Original source</p> <p>ST10116374_PROG6212_POE Part 1 UML.vsd Page-1</p> |

Attachment 6 8 %

Word Count: 1,249  
ST10116374\_PROG6212\_POE\_User\_Manual.pdf

Institutional database (2) 6 %

4 Student paper 2 Student paper

Global database (1) 1 %

1 Student paper

Internet (1) 1 %

3 epdf

Top sources (3)

4 Student paper 1 Student paper 3 epdf

Excluded sources (0)

ST10116374

PROG6212

POE

User Manual

Note a YouTube video is made for making the user manual easier as well as the same

video as file in the same folder as this document YouTube link: ① <https://youtu.be/R1kwXQlhONk>

#### Explanation

Welcome to the web app made for programming 2B (PROG6212), this app was made in mind for students who want or need to organize their work for the course they are taking. This will be able to store modules from a semester and save them in a SQL database so that the data can persist as long as the user needs. What this means also is that the app can save the hours spent on a module the ② weeks in a semester and the class hours per week.

#### Login/Registration

This is the first screen you see when the app starts there is a Welcome header that right under it has a link to know more about how ASP.NET core web apps works. ③ The name of the web app is on the top right as well as a link to the modules page but that work until you log in. If you have registered before than you can go straight to the log in page by clicking "Login" button if not then proceed to the registration by clicking the "Register" button.

#### Registration

Here is the registration page here you can register as seen above you can insert your name and password as long as your password and name matches what you typed in here when you logged you can proceed past the log in page by clicking the "Register" button in blue and start working on the web app.

① <https://youtu.be/R1kwXQlhONk>

Here you can see that the registration has been saved to the SQL Database that will allow us to login

This shows an error message that appears when you don't insert anything into the registration as the app can't input nothing into the SQL database all fields need to be filled so that the web app can proceed and continue working

#### Login

This images shoes us the login screen here I also didn't insert the data to show us the same error message works here as well , all this page will need for us to proceed is a user name and password to continue. Note that you have to put in the name and password that you put into registration page to continue so that the web app can check if the user name and password correlate with what is in the SQL database. Once you have inserted the correct user name and password you may click the "Login" button in blue.

#### Modules

Here we are at the modules page this page holds and show cases data from our SQL database and what the user will soon insert from themselves. Let's start off with the "List of Modules" table this holds data for modules they ID, code , name, credits, our per week, weeks, start date, current hours, selfstudy hours and selfstudy left. The id is made self by the web app as a primary key to better keep track of the data. Code and name are very much self-explained as they are the names and codes of the modules, credits is how much credits a module gives, hours per week is the number of hours per week, weeks re the weeks in a semester and start date is the start date of the semester. Current hours how much hors of self-study has already been spent on a module, selfstudy hours is the calculations that one needs to do once credits hours per week and weeks have been calculated together and self-study left is how much current hours has been minus from selfstudy hours. The edit and delete button are also self-explained as the delete button will not only delta the module or reminder from the web app but also the SQL Database, the edit button will users to edit already existing modules. If you click the blue button named "New modules" it will take you to a new page that allows you to insert more modules. The "Reminder for set Days" table is used as the new technology to remind user that they have self-study on certain days. The ID work just like the modules table as a primary key the day and module code are easy to understand as they say what for each module and the study hours is there to show the user on how much self-study they have for a day. The data

created is self-generated on the day that the session was created by the user and helps keep track when last it was updated by the user so they know whether or not they fulfilled the study.

#### New modules

Here we have the new modules page where user can insert new data as they wish. For code and name you can insert anything that can be considered as string variable but please enter what the program is asking, as well start date. Credits code, hours per week and current hours have to be whole number but credits week's hour per week can't be zero as this will break the SQL database because they can't divide by zero. Current hours can be zero as a user might not have done any hours yet. Once the user has finished inserting the data they can click submit which will bring a success message if it was inserted to the database and they can click modules at the top right to return the main page or the "cancel" button.

#### New set day

And this the new set day this will allow user to set a day for self-studying and how much they wish to study for the user can input any day format into day

text box and the module code doesn't need to be the same to an already existing module. The only thing the user should watch out for is that if the study hours for the day aren't a whole number or not a number then it will be a zero. The same applies as the new module page submit to insert the data into the database and cancel at top left modules to take you back to the main page.

#### Edit Modules

This page allows the user to edit existing modules the same insert rules as a new module applies and that this page could be used to update already done user hours as a quick update system. The same goes for submitting once the user has entered all the required fields they can click the blue "Submit" button and then either submit again or use the "cancel button" at top left modules to take you back to the main page.

Once the user has done all they need they can close the app like they would any website in their browser by clicking the exit button on the top right. The data shall persist and will be here again when the user opens the app again.

Thank you for using this app

#### Reference/Code attribution

④ Create ASP.NET Core Web Application with SQL Server Database Connection and CRUD Operations, 2022. YouTube video, added by BoostMyTool. [Online]. Available at: [https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK\\_4s-5HVFrqQYf9k4&index=15&t=708s](https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK_4s-5HVFrqQYf9k4&index=15&t=708s) [Accessed 28

November 2022]

④ [https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK\\_4s-5HVFrqQYf9k4&index=15&t=708s](https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK_4s-5HVFrqQYf9k4&index=15&t=708s)

#### Source Matches (6)

|  |               |  |
|--|---------------|--|
| ①  | Student paper | 68%  |
| Student paper<br><a href="https://youtu.be/R1kwXQIhONk">https://youtu.be/R1kwXQIhONk</a> |               | Original source<br><a href="https://youtu.be/DwQLWx015Pg">https://youtu.be/DwQLWx015Pg</a> |
| ②  | Student paper | 63%  |
| Student paper<br>weeks in a semester and the class hours per week.                       |               | Original source<br>Enter the Class Hours Per Week  |
| ③  | epdf          | 63%  |
| Student paper<br>The name of the web app is on the                                       |               | Original source<br>In the list, click the name of the Web App                              |



|  |   |
|--|---|
| ① <i>Student paper</i> <span>68%</span>  |   |
| Student paper<br><a href="https://youtu.be/R1kwXQlhONk">https://youtu.be/R1kwXQlhONk</a>   | Original source<br><a href="https://youtu.be/DwQLWx015Pg">https://youtu.be/DwQLWx015Pg</a>  |
| ④ <i>Student paper</i> <span>92%</span>  |   |
| Student paper<br>Create ASP.NET Core Web Application with SQL Server Database Connection and CRUD Operations, 2022. YouTube video, added by BoostMyTool.   | Original source<br>Create ASP.NET Core Web Application With SQL Server Database Connection and CRUD Operations 2022.YouTube video, added by BoostMyTool |
| ④ <i>Student paper</i> <span>66%</span>  |   |
| Student paper<br><a href="https://www.youtube.com/watch?v=T-e554Zt3n4&amp;list=PLYq-lrm5DI8956-oK_4s-5HVFrqQYf9k4&amp;index=15&amp;t=708s">https://www.youtube.com/watch?v=T-e554Zt3n4&amp;list=PLYq-lrm5DI8956-oK_4s-5HVFrqQYf9k4&amp;index=15&amp;t=708s</a> | Original source<br><a href="https://www.youtube.com/watch?v=T-e554Zt3n4">https://www.youtube.com/watch?v=T-e554Zt3n4</a>                                |

Attachment 7

ST10116374\_PROG6212\_POE.sln

Source Matches (0)