

Semester Project of CSE338 / SWE310 - Responsive Web Design With ASP.NET 6 and MVC Pattern and BootStrap 5

Project Description V1 : 21.04.2022

Project Delivery : End of Finals

Please read this document at least 3 times

You can use MySQL, MS-SQL, SQLite, PostgreSQL etc... as your relational database of your project.

We are expecting you to use ASP.NET Core MVC latest version when you do your project with following MVC pattern and responsive web design.

Project Selection

- 1) The projects will be made by **each individual students**. Please do not offer me group projects because in the past, none of them worked. Always only 1 student made the project and the rest didn't do anything. So the projects will be made **SOLO**.
- 2) Everyone will pick their own project. You have to decide your project and let me know your project before **05.05.2022**. I will evaluate your project and approve it.
- 3) In your project, there are several mandatory things:
 - You have to achieve object oriented MVC pattern.
 - You have to use a relational database no matter which database software you pick. I suggest latest version of MS-SQL developer edition.
 - Your project doesn't have to be too big or too complex but we are expecting something worthy for third year student.
 - You can contact me from discord or by my email : furkan.gozukara@toros.edu.tr
 - We don't expect very high quality user interface design but it should be somewhat up-to-date and it has to be responsive – fully mobile friendly with BootStrap latest version.
 - You have to add enough syntactic data into your project to demonstrate every feature of your project. For example, if you are doing an e-commerce platform, you have to have decent amount of e-products with categories, etc.

- You have to add comments to every written code piece (e.g. methods, classes, etc.) in your project. Also whenever you use a ready code block, you have to add a comment to the top of the code and put the URL of the source. This is mandatory.
- If you happen to bring a ready taken project, of course you will get FF score. I will evaluate everyone's project 1 by 1 and will ask questions if I see it necessary.

4) You have to write a report about your project and explain it in details. This will also likely to increase your final score.

5) When planning, designing and developing the project, you have to think as your employer is paying you money for this project and like that you will use this project in your real life. So the features of the project has to be as useful and realistic and possible.

Some example projects to give you an idea: MVC using fully responsive

- Web based hospital management system
- Web based school management system
- Web based library management system
- Web based bus / train / ticket management system
- E-commerce website
- Forum website
- Dictionary website

There will not a final exam. Your grade will be based on this Project. Thus, take this Project very seriously and start working on it immediately. Look the internet for the parts that you do not know. Create an account on <https://stackoverflow.com/> and ask there, or look for answers there. When doing the Project, you can ask the parts that you cannot solve in our discord channel. Our discord channel link: <https://discord.gg/6Mrb8MwteQ> . My email: furkan.gozukara@toros.edu.tr . Also you can contact me through our discord channel.

Finally

1. Finally, everyone will come and explain to me face to face, preferably on their own computer or lab computer their project.
2. In face-to-face narration, I will ask you questions entirely within the project you brought. You will receive points based on your answers to these questions.

3. So even if the project you brought is perfect, if you can't explain your project, you will not get any points.
4. Therefore, learn and understand the code you bring to me very well in every aspect.
5. Be sure to add the addresses of the codes you get from the internet or other sources as comment lines on that code block.
6. Your project must be in English.
7. Although not required, you can get extra points if you prepare a report for your project.
8. While describing your project, you will show every feature of your project by running it.
9. Even if it is very incomplete, your own project will earn you much more points than a ready/copy project.
10. Finally, you will compress your entire project into a Zip or RAR file. Then you will upload that file into Google Drive. Then you will send me that uploaded file link by email: **furkan.gozukara@toros.edu.tr** .
11. When sharing your google drive upload (getting your uploaded file link), don't forget to select anyone with the link can view it so I can download it.
12. Those who lack in participation in the classes have to watch all the lesson videos on our Youtube channel and make comments that summarize what is taught in that lesson. Make sure to take screenshots of your comments and save them, because sometimes Youtube can delete comments. Then put these comments in a Word file and send them with your project. Otherwise, those who do not attend the classes may fail the attendance and cant pass the lecture.