

Task for Course Project 2019/20

Advanced Software Technologies C#

Name	Fac. #	Topic
БУРАК ДЖАН АКЪНДЖЪ	273217010	Sports
ЕРТАН МУТЛУ	273217003	Cars
СЕВДЖАН АЛКАН	273217004	Movies

Your task is to prepare a program that will store, update, add, delete and search information about your topic from the table above, using .NET C# programming language and a MS SQL database.

You need to design:

- a proper database with up to 2 tables for storing the information needed and the classes representing that data;
- a user interface for your program, that will make your users easy to access and modify the information in the database (you can use Windows Forms, WPF or Universal Apps).

It is recommended to use the things studied at the exercises (both AST and PE), especially the ones for multiple forms, and connecting to a database.

You should be ready with your projects at the end of January, when you will:

- present them with a short 5-7 minutes PowerPoint presentation, explaining your functionality and code.
- You need to give a printed documentation (10-20 pages) that has TEXT EXPLAINING the code, structure and functions of your program.
- You will be asked questions on the code of the program and given tasks for little changes of the program.

Your final mark will be average of the marks you get for your program, presentation, documentation and defense (answers).

Level of completeness	Max. mark
A suitable and interactive user interface is presented. Fields for writing and showing the information are present. There is code for correctly reading and validating the values written by the user.	Satisfactory 3
All above and it is designed at least one database table with appropriate fields. Some initial data is put in the table. A select statement is prepared and executed, data from the table is shown in a Grid in the UI. Adding new records via the graphical interface is functional.	Good 4
All above and the options for editing and deleting records from the table are functioning. The user is selecting the action he/she wants to perform with suitable visual interface (selecting row, using buttons or so on)	Very good 5
All above and there is functionality for searching by different criteria. Also there is option for filtering the search results.	Excellent 6

Deadline for presenting the projects: 31.01.2020