Capstone project

This system consists of the three entities: Hospital Department, Medical Department, & Insurance Company.

The Hospital Department is adding, removing, modifying and showing the patients and create their own id. Once the patient id is created, the medical department of the hospital can start adding the bills. Then in Hospital Department reception can change bills status from not paid to paid.

The insurance company can search for patients using their id and recover all the bills uploaded by the medical department. After the bills have been recovered from the hospital’s side, the insurance company can cross check them against the bills submitted by the patient.

It is based on database that you have to import from the project.

We didn’t have much time for the project so I was not able to implement completed authorization, because I had to learn a little bit about it, so I made basic authorization based on if statement and int variable, if user is logged in variable is 1, if not, variable is 0, also if he turns back into main page, variable is 0 again.

I made every function which was mentioned in the requirements and every function is working. I also learned a lot from our previous project, I started using global variables and methods to not use the same one a few times. Also I made almost every variable and method as protected or private to make code less visible for people “from outside”.

After our meeting I took a look at the exceptions, now, after mine testing, there is no option to stop the app. As I mentioned before, in this time it was hard to check it couple times, but I am sure that basic user will not be able to break the app and pretty sure that almost everything is covered by these exceptions.

System Requirement

1. Hardware Requirement
2. Laptop or PC

* Windows 7 or higher
* I3 processor system or higher
* 4 GB RAM or higher
* 100 GB ROM or higher

1. Software Requirement
2. Laptop or PC

* Visual Studio 2019
* SQL Server Management Studio latest