Project Proposal

Date: July 03, 2018
Type: Team Project
Grade: 10% of the project
Due Date: July 22, 2018

Prepare and submit a proposal for the Project with the following structure

1. **Title page.** The name of the project, name of the team and the name of each team member.

2. **Project Overview**. A few paragraphs describing the purpose of the application, development environment (Visual Studio + version, SQL Server + version etc) and technologies used (e.g. C#, Windows Forms / Web Forms ADO.NET, collections, etc.)

3. **Functional Requirements \ Use Cases**. Describe each functional requirement in bullet point format outlining its purpose, input and output. Alternatively, you can create a prototype for the application made of hard-coded UI and database etc. No actual code is required in the prototype. The UI can be filled out with fake data and must work together to show the workflow. If a prototype is used, screenshots must be included in the proposal.

4. **Database Design.** The database design shall be presented using a database diagram.

5. **Project Design**. Use UML to present the design you envision for the application. Present
    a. Significant classes and their relationships in one or more **class diagrams**
    b. Significant workflows using **sequence diagrams or similar**

6. **Work Assignments**. For each member of the team define
    a. The features (functional requirements defined in point 3) the team member is responsible for.
    b. What classes (defined in the class diagram above) are they going to design and develop to implement the corresponding feature(s)

    Work assignments must be all encompassing with each team member having to implement the UI, business logic and database / file I/O programming for the features they are responsible for.

Notes

The proposal is not final. If it needs to be modified, you will be instructed to do so. During development, certain functionality may be changed, modified, added or removed. So, will the design you initially thought of. This is a part of any healthy development process. The proposal must be updated before the project is completed and presented together with the project.

The proposal itself will be worth **10% of the total project grade**