CSE 324

General Instructions

- Propose your own project idea.
- Be prepared on the organizational class; the projects will be assigned on this class.
- We will assume that the students already designed their system and extra time will not be provided for software design.
- It is highly encouraged that the students will develop and implement their previous design under CSE 308.
- We prefer to have complete implementation of a small working system, instead of having a lot of features that do not work properly.
- Students can form collaborate in large projects but the entire project has to be segregated in smaller sub-projects where at most two students will work on each sub-project.

Grading Policy

Software development is not only coding. You should be very careful about the following aspects. Each of these aspects of your project will contribute to the final grading. The complete marks distribution can be found in the following table.

- ✓ **Software design**: use-cases, class diagrams etc. and proper usage of design patterns
- ✓ **Coding Style**: in-line comments in code, functional comments (description, input, output) with each procedure/method, error-handling etc.
- ✓ **User interface**: consistency, user friendliness, intelligence etc.
- ✓ **Professional maturity**: using an industry standard framework and adhering to the framework ideology (e.g., control-flow, support-functions, configuration mechanism etc.) as closely as possible.

Week	Deliverable	Description	Marks%
1	None	• Organizational Class	n/a
3	Proposal	• Well defined list of s/w features • Technology: framework, language, tools etc. • Use-case diagrams • Implementation schedule (Gantt chart)	15%
5	Prototype	• A working skeleton demonstrating the major control flow in the system • A non-functional UI with all interaction components (e.g., menu, button, etc.)	20%

		• Class diagrams	
8	Version-1	• A working approximately 50% functional system • Code must be properly documented • Help system or User manual (for this part)	25%
13	Final version	• A working system with all the features in the approved proposal • Code must be properly documented • Complete help system or User manual	40%

Md. Mustafizur Rahman
Lecturer, Department of CSE, BUET