Final Project
[Total Marks: 100]
Evaluation: 30%

READ CAREFULLY ENTIRE QUESTION DESCRIPTION

Description:
Students taking this course will have to do a term project in small groups. The project will allow you to put some of the concept introduced in the lectures into practical use. The project is a big part of the course and accounts for **30%** of the final grade. You will be required to turn in a project proposal, and a final report. Details for the presentations and reports are explained below.

Format
You should form a team of two to five students or do individually and then define your project. I expect the size and scope of the project to increase with the team size. While each project should be an integrated effort, i.e., there is a single deliverable, you should identify in your project proposal, progress report, and final report what part of the project each team member is responsible for.

Topics
You should form a team of two to five students or do individually and then define your project and then jointly define your project. I expect the size and scope of the project to increase with the team size. While each project should be an integrated effort, i.e., there is a single deliverable; you should identify in your final report **what part of the project each team member is responsible** for.

I encourage you to define a project that fits your interests and skills. The basic requirement for the topic of the project is that it must be a **Desktop application.** The following are some sample projects done by the previous students:

- "Auditoria" - music sharing community
- Park Review
- Japanese Character Writing Practice Application
- Garage Sale Getter
- Restaurant Order Management System
- "Mobityx" An Online Ticket Will-Call Agent
- Virtual Lost and Found Board
- Snap and Share
- Music community network
- Bookswap in Facebook
- Webflix – Online Movie Rental Application
- Online Game Arcade
- Versus Solitaire
- Web-based Programming Contest Control System
- Online Book Store
- Content Aware Chat
- Bookmarker

- Electronic flash cards
- Real Estate Financial Analysis
- Playlist/YouTube Hybrid

Final report format

The final report will consist of two parts: a 20–30-page paper, and a 5–10-minute presentation per group. The final paper should take a form of a well-written technical research report. It should include the following components:

- Title and Team members
- Description of motivations and goals for the project: what did you build and why is it interesting.
- Detailed description of the design and implementation of the system
- Usage scenarios: user profiles, use-case diagram
- Data model: database schema
- System components and functions: activity diagram, sequence diagram, etc.
- User interface design
- Document what team member was responsible for what part of the project.
- System implementation updates and outstanding Issues
- Results of a system evaluation: present results that show that your system design and implementation meet the initial goals.
- What did you learn?

This is a just suggestion. Depending on your project, you may add or remove some components. The presentation should include a **demonstration of your project** and some highlights from the bullet items above.

Submission Instruction:
- Your project name should be as follows:
  - FP3464_*GroupName*
- Create a zip folder of your whole project and submit it to submission drop box in Moodle.
- Provide your GitHub repository link in the "Online text submission" section.
- The final project can be completed in a team of maximum 5 members.
- **No submission is accepted in the comment section.**

Evaluation Rubric

Implementation & Program Execution	Correct Output result	Correct Output format	Code design	Code Format	Documentation	Group Collaboration	Q & A
20%	10%	10%	10%	10%	10%	20%	10%

Deductions:
1. Late submissions = -10% after the due time but on the very same day (11:59 pm)
2. No submission accepted after deadline.
3. Student names and ids are missing = -10%
4. Academic dishonesty = 0 marks
5. Did not follow the provided instruction for submission = -20%