**Project Proposal**

|  |  |  |  |
| --- | --- | --- | --- |
| Student Name | | Student CSUSM ID | Contribution percentage |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |

**Prompt:**

* Team formation: You are not asked to keep exactly the same team membership. However, in each team, the chosen project has to be one that some of the team members, if not everyone, had completed in SE 370. Those team members who had worked on the chosen project have the responsibility of helping other team members to understand the project.
* Java is the selected programming language for the chosen project. All team members should contribute to the (re-)design and (re-)implementation of the project. At the end of the semester, you should reflect on the quality improvement of the project as compared with the version completed in SE 370 (so, keep the original version)
* Requirements for this assignment (Project Proposal):
  1. First of all, make sure you have a working system with a GUI. This is your starting point.
  2. Provide sufficient information to introduce the existing system, and summarize the main features and defects (or room for improvement).
  3. Select at least 4 design patterns (not including fundamental design patterns) that fit well to your project, and provide a one-paragraph justification for each chosen design pattern. Note that as we learn more design patterns, you may change your selections later.

**Solution:**

* Paste a few screenshots of the working system.
* Your responses to (b) and (c)
* Save this report in PDF, then **each team** needs to submit the pdf report to the “Project Proposal” submission folder.