**Risks**

**Commitment**

The lack of commitment by the group members may hinder the progress of the project. The group leader plays an important role in distribution of tasks to the member. Proper knowledge on the strength and ability of each members is crucial to ensure proper distribution of work. Delegation of task also ensures that the task is completed on time. Motivation among peers is also important to ensure all group members complete their assigned task.

**Implementation**

This is the first time where we are developing a system of such complexity. The lack of knowledge in terms of C++/Java, designing the system and coming up with the report may slower the process towards completion of the whole project. In terms of C++/Java, we may encounter much more bugs and take up more time in debugging it. More research, reading and gaining opinions from specialist should be done to overcome this issue.

**Files**

There is also a risk where files stored in the member’s computer may be lost due to hardware malfunction. Cloud storage such as Google Drive could be used to store documentations to prevent such risk. There is a possibility where we might lose track on the files and updates are implemented incorrectly. Proper versioning softwares should be used, such as TortoiseSVN to ensure files shared among the group members are consistent and updated correctly.

**Time**

Being full time students in the university, we are assigned with different assignments from other subjects. Each group member should have proper time management so that project tasks assigned and other assignments can be completed in time. There is also risk where one of the group members may fall sick and unable to accomplish the task assigned to them. Group members who fall sick should contact the team manager and update him about his status. This would allow the task of the sick member to be assigned to another group member.

**Requirement**

There is a possibility during the requirement elicitation process where we have misunderstood what the client required. Constantly in contact with the client to reconfirm the requirements is a good way to overcome the issue. The client might decide to change the requirements at the last minute. Proper planning is essential, breaking down the system into different parts would help reduce the impact of the changes made by the client.

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