Risk and Mitigation

**Risk:**

* Due to Requirements are poorly defined, and further definition expands the scope of the project which may increase the overall **cost** of the project.
* **Schedule:** Due to bad requirement there can be a delay in delivering the product to the company. This can be because of ambiguous, incomplete, not verifiable requirement provided by the customer which can deviate the project plan and **delay** the process.
* As the staff are not so used to the computers, they may don’t know what exactly they want so after developing the product, customer may not satisfied by the product and they may reject the product, which can be a huge loss for the company.
* Requirements are only partly known at project start
* As the school staff are not so used to computers they may end up mishandling some critical information about the student from school databases like attendance, fee collection, payroll etc.
* The customer may complain about software more frequently because of the lack of knowledge on the software and reach out to company for maintenance issues.

**MITIGATION PLAN:**

* **Understand the users and their needs:** the customer has only the rough idea of what they need It is up to ask the right question and perform the analysis necessary to turn their idea into a formally documented software specification that can used as a base lined for project plan.
* **Seek out the Experts and use them:**  They understand what’s feasible, what’s worked and been implemented, what’s easy, and what’s hard. They have the knowledge and experience to risk assessment in their area of expertise.
* BAs must spend sufficient time with the customer at the start of the project in understanding the objectives, deliverables and scope of the project.
* Develop a **prototype** model before actual building the original model and demonstrate to the customer, so that we can understand the customer requirement much better and make changes accordingly.
* Always conduct a review meeting for the developed and underdeveloped components.
* Establish clear lines of communication between the project team and the customer.