1. Approach

This project will use Spiral Methodology. The Spiral Methodology can identify and reduce the inchoate risk of project. It uses the small scope of the exploration risk to develop the corresponding risk plan. After that, then decide whether to do the next phase in the project.

* Through the creation of a prototype, enables software developers initially clear direction in each iteration;
* Through risk analysis software to minimize the possibility of loss of complete failure;
* In each iteration stage implant software testing, the quality of each stage is guaranteed

*Add the details information for each phase*

* The clear goal of the iterative phase, as well as options to restrict the application of alternatives;
* To evaluate alternatives, identify and resolve risks, and create a prototype;
* When the risk of getting a good analysis and solution, applications waterfall model developed and tested at this stage;
* To plan and deploy the next stage;
* To review the present stage;

1. Management

* Weekly meetings:

In order to track the project management, the development team will use 0.5 hour to have weekly meeting on every Tuesday 11 am – 11:30 am.

In weekly meeting, the development team will summarize and analyze the weekly project status, reflect and discuss issues which cannot be solved, and adjust the project tasks for next week plan.

* Advisor Meeting:

The development team will use 0.5 hour to have weekly meeting with project advisor on every *XXXX*.

The project advisor will inspect the completed work on weekly schedule of the development team and give the corresponding feedbacks and suggestions.

Each meeting will to be recorded including clearly reflected in each project record, party views the current state of the project and decision-making.

* Daily administration:

Daily administration is for developers to record daily work content, time spent and the problems encountered in the course of their work, ideas and solutions to problems.

* Management tool

This project will use Github to manage materials in progress, and the deliverables. It is not only can create a repository to make sure everyone has good access to the work product but also it can backup appropriately and write comments for each changed.

1. Plans and Procedures

See Project Plan

*Change control form?*

1. Staff

List all staff required in the plan, including client staff, with an estimate of their utilisation from your plan (total hours and special date requirements, especially for clients, client staff, advisors).

*We don’t have client*

1. Deliverables

* Project deliverables and their estimated completion dates are as follows:

|  |  |
| --- | --- |
| Deliverable | Date |
| Project Proposal |  |
| Project Plan/Gantt Chart |  |
| Scope of Project |  |
| Requirements Analysis |  |
| Analysis and Design Documents |  |
| Training Documents |  |
| Testing Plan |  |
| Test Case |  |
| Test Results/Record |  |

* Project milestones and their estimated completion dates are as follows:

|  |  |  |
| --- | --- | --- |
| Milestone | | Date |
| Meet Project Advisor | |  |
| Project Proposal |  | |
| Project Plan/Gantt Chart |  | |
| Analysis and Design Documents |  | |
| Database |  | |
| Website |  | |
| Test |  | |
| Project Presentation |  | |

1. Resumes (CVs)

* Changming Wu: Project Manager, Test Manager

Personal Details:

Contact Number: 021 188 7191

Email: wuchangming729@gmail.com

Qualifications/Education:

Work History:

* Hardik Kansara: Database Specialist, Tester

Personal Details:

Contact Number: 021 181 1046

Email: hardik.kansara2002@gmail.com

Qualifications/Education:

Work History:

* Kwinno Pineda: Web Developer, Tester

Personal Details:

Contact Number: 021 296 8600

Email: kwenno@yahoo.com

Qualifications/Education:

Work History:

* Patrick Cura: C# Developer, Tester

Personal Details:

Contact Number: 021 295 3418

Email: patrick\_cura1989@yahoo.com

Qualifications/Education:

Work History:

1. Relevant Background Information

This project is about using Microsoft Visual Studio and SQL Server Express to develop Database simulator. Customers can download the simulator from a website, execute simulator against client system, and upload the file to the website so it will be diagnosed later.

1. Resources

List all material resource requirements; for each identify who is responsible for delivering it, and when.

1. Client Acceptance

Sign off sheet for this proposal, and a statement authorising the commencement of the next identified phase. Include appropriate disclaimers and confidentiality agreement (usually the 3 indented paragraphs below)

1. Appendices

* Project Plan
* Change Control form