**Risk Management Plan**

**Version 1.2**

**Project Management App**

**Team A**

**CSC-354**

**Fall 2015**



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Author: Hector Richiez

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**Revision History**

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| --- | --- | --- | --- |
| Version | Author | Description | Date |
| 1.0 | Hector Richiez | First draft | 09/03/2015 |
| 1.1 | Jennifer Li | Format changes,  Minor grammatical changes | 09/06/2015 |
| 1.2 | Tyler Mariano | Color, style, and design updates | 09/07/2015 |

**Introduction**

After evaluating the risks factors that can impact the overall performance of the Project Management App, the team has come up with a process of enumerating and assigning a risk factor of low, medium or high; to the probability of a contingency to happen and the overall impact that such a contingency would impose in the healthy existence of the application. In the event that it may occur, high means that the probabilities of a contingency to happen are affirmative. Medium means that there is a fifty – fifty chances that it could happen and low means that there is at least 10 percent change of the contingency to occur.

**Risk Management Process**

Risks are the other faces or outcomes of a project or plan. They will always exist but if we can predict them with anticipation, there is a better change to overcome them. However, not all risks will be present in a given situation; so the best step to prevent them is by identifying the threats that are more provable to transpire. In the case of the Project Management App, each individual will be responsible for identifying threats that could jeopardize the project and act accordingly to eradicate the threats. If the severity of the threat is high or medium, documentation procedure will have to be followed to maintain a record of the threat.

**Summary of Risks**

**Technical Risks**

Issues that could profoundly impact the development of the project, these include hardware constraint, software integration, logical coding error, network issues and platform or environment issues.

**Cost Risks**

Cost associated with the development of the application and cost incurred in personnel training, legal fees, application deployment and licensing.

**Deadline Risks**

Any event that would delay the completion of the project, Members inexperience that would result in delaying the deployment of the application, and fall behind in meeting deadline by members of the project would be considered risk that would impact the project’s official schedule.

**Project Risk List**

**\*Key: T = Technical C=Cost D=Deadlines.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Type | Severity | Impact. | Provability | Description | Resolution |
| 001 | T | High | High | High | Developers having little and no experience with mobile technology | Engaging in technological  Tutorials that would fortify or better the technological background of developers in mobile platforms. |
| 002 | T | Medium | High | Low | Android Studio is an IDE that will be used to develop the App. Judging from our experience the IDE is or behave slow for coding. | Search for a better alternative like Eclipse or visual studio 2012 or 2013 version. |
| 003 | T | High | High | Low | The application needs to have internet connection at all time to save the data in a data base. If there is no connection, data can’t be saved | Implement a capability for the application to be able to save project’s data locally for later transfer to the database when connection to the internet is available |
| 004 | T | Medium | High | Medium | After deployment some functionalities of the Application may become obsolete and others may become adequate to implement | Offer service update and patches that would offer new functionalities to the end user. |
| 005 | T | High | High | High | Miscommunication between team members can have an impact in the project desired overall functionality | Weekly team meeting to go through the project specification, constrain, cost, functionality and development. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Type | Severity | Impact | Provability | Description | Resolution |
| 006 | C | Low | Low | High | To deploy and make the application available in the Google store there is an annual fee of $25. | Team members will be responsible for paying for the annual fee to be able to offer the application to the android users’ community. |
| 007 | C | Medium | High | Low | The functionality of messaging capability require a monthly server feed of $5 | This functionality falls in the category of desire functionality. In the event that it is implemented in the application, the team members will share the cost. |
| 009 | C | Medium | Medium | High | Research and development is a critical aspect of an application development because it entails in finding the latest technology used by business | Buy books to learn the latest technology out there. Read poster board, and survey companies that are in the business of developing apps. |
| 010 | D | Medium | Medium | Medium | Not meeting deadlines in the application integration and coding complication can setback the deployment of the application. | If necessary members of the team will have to cross their responsibilities’ boundary to meet deadline and assure a successful deployment of the application. |