JagTrack
Risk Management Plan

Version 1.0

Revision History

Date	Version	Description	Author
13/03/2012	1	First version	Brad Bittinger

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Risk Management Plan

1.   Introduction

1.1   Purpose

The purpose of this Risk Management plan is to identify project risks, and ensure that they are properly monitored and documented.

1.2   Scope

The scope of this Risk Management plan is the JagTrack software project, which is being developed to help South Alabama students better utilize the JagTran system. This document is influenced by the Risk List.

1.3   Definitions, Acronyms, and Abbreviations

1. Risk – A situation or process that may harm the efficiency of the project

2. Impact- how risk can affect project.

3. Indicator - How to monitor and detect risk when it appears.

4. Mitigation Strategy- what is currently being done about risk to reduce impact?

5. Contingency Plan- how risk will be handle if it appears

1.4   References

See Risk List.

1.5   Overview

This risk management plan recognizes the risks put forth in the Risk List artifact, then organizes the processes by which our team may monitor and minimize these risks. The Risk Summary identifies the most prominent and likely risks, and the remaining sections deal with allocating personnel and resources to help control said risks.

2.   Risk Summary

Some of the most prominent and likely risks put forth in the Risk List include:

1. We are not reaching 100% of the JagTran customer base by only developing the application for Android phones.

2. Not everyone in the group, especially the coder, are very familiar with the required programming language.

3. Ending the project in way that allows others to pick up the project and use the resources that were create from the group before.
4. Other schoolwork prevents members of the team from working on the project as much as they need to.
5. The server will need to be able to handle multiple clients and constant changes in data.
6. Customer may not use application if it hard to use, slow or does not show correct information to them.
7. Application file size must be kept a small. If application takes up to much space on user phone, then user may not use application.
8. Lack of communication means that no one in group knows what is going on.
9. No one is leading the group.
10. Buses will need to be constantly monitored so that the server upload their position to their application.

3. Risk Management Tasks

The Testing and Security Team will identify risks by monitoring the status of the project at set intervals, such as once a week or once every two weeks. While reviewing the progress the project is making, attention must be paid for signs of the Indicators for any of the above Risks as identified in the Risk List document.

4. Organization and Responsibilities

It should be up to the Testing & Security team to recognize the indicators of any risk mentioned in the Risk List, should they appear. They should at once create documentation of the risk identified, and notify the Project Manager. The Project Manager will in turn decide if any of the available Contingency or Mitigation strategies should be followed, if a new one should be formulated, or if there is no need for Risk Management action. The plan chosen should also be noted in documentation of handling the risk.

5. Budget

See overall project budget.

6. Tools and Techniques

Our team must use critical thinking in the presence of a risk indication to determine:

1. If the indicator indeed implies the existence of the risk in question

2. The severity of the risk as it exists, and the possible negative impact it may have on the project

Our team will also create documentation of risks if they are found to exist and require action. This document should include:

1. The name of risk, along with possible contingency and mitigation plans

2. The date identified

3. The contingency, mitigation, or avoidance plan chosen, as well as justification for the choice.

7. Risk Items to Manage

See Risk List.