Merquery
Risk Analysis

Team Green

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1. Introduction

The purpose of our Risk Analysis is to determine any risk or situation that may cause conflict during the course of the project. We seek to determine early on these potential areas of conflict, analyze, determine the potential risk and its possible outcomes. In doing so, we hope to offer possible solutions/steps of action to take in the future if these risks do prove true. Through having a course of action we hope to minimize the conflict caused and prevent it from affecting the course of our project.

2. Procedure

2.1 Process

Our team will identify any potential risks we see at this time and will continue to do so as we advance in the project and are able to identify any other potential risks. We will identify course of action necessary to minimize the impact of these issues. If there are problems we find harder to solve, we will contact our sponsor Viant Inc. and discuss resources they have available to aid us through the given problem. We will continue to update this document should any new risks arise and will keep in communication with one another and with Viant to assure that problems are averted and/or get solved in a timely manner that does not affect our progress.

2.2 Risk Identification

To identify risks, we will consider the business case, project plan, Gantt charts, communication plan, and requirements of our project. Risks will be identified by Team Green and may include input from our sponsor Viant Inc. In looking at these documents and thinking about the overall project scope and goals for the next two quarters we hope to identify anything that may hinder our progress or cause us great challenge preventable by better planning. A broad list of the areas our risk identification will evaluate: time spent on tasks, collaboration from every team member, collaboration and provision of necessary resources from Viant Inc., problems with software, ability to understand our task and data given to us, ability to meet class deadlines, and obtaining necessary information.

2.3 Risk Analysis

When assessing and evaluating potential risks we will evaluate the probability of it occurring and the severity of its impact on the project. This will be logged in the following way:

Probability:
- High (>70%)
- Medium (>30%, <70%)
- Low (<30%)

Severity of Impact:
- High: Greatly affects schedule of project and performance. May alter end results greatly.
- Medium: Moderately affect project schedule and performance. Require much work to produce desired end results.
- Low: Will only slightly/not affect project schedule and performance. Project is able to continue on desired course and progress.

2.4 Risk Response

For every risk that is medium/highly probable and has medium/high severity of impact the following course of action will be taken:

- **Overcome**: Descriptive action to be taken in order to prevent the risk from causing problem. Learning to work with the risk and not have it affect the project.
- **Mitigate**: Identify ways to reduce the probability and the severity of impact of given risk.

2.5 Risk Monitoring

Team Green will monitor all risks listed in this document to prevent them from hindering the progress of the project. We will also continue adding any risks that may present themselves through the course of the project.

2.6 Risk Assessment

Risk	Probability	Severity	Risk Response	Action
Not being provided enough information on project/having unanswered questions	Medium	High	Mitigate	Weekly Monday meetings with Viant, Check in call Thursdays with Viant
Team members not coordinating with rest of group	Medium	High	Mitigate	Agile Development, constant communication
Unable to use data supplied by Viant	Low	High		
Difficulty with engineering of product	High	High		
Changing needs of product	Medium	Low	Overcome	
Lack of time to work effectively on project?	High	High	Mitigate/Overcome	
Team members cannot make it in to Viant office	Medium	Low	Overcome	