**Requirements Documentation**

**1. Introduction**

**Scope of the product:** To construct a software program to track surveys, their results, and analyze those results.

Definitions:

Survey: A method used to obtain information for quantitative research.(1)

Analytics: The discovery and communication of meaningful patterns in data.(2)

**2. General description**

**Product perspective:** This product is being developed to fulfill a need within the business community. Many businesses and government agencies base their past, present, and future examinations upon statistical analysis. This program will offer a simplified tool to gain the statistics used for these examinations.

**Product functions:** The user will be able to tailor a survey that can gather information for their company’s needs. Upon creation of a survey, the user will be able to administer the tool within their decided demographic and given options what to do with the results.

**User characteristics:** The end users will be company’s employees tasked with gathering information used to steer the organization.

**General constraints:** The limitation of the software is the creation of the questions. Without prior knowledge concerning a company’s needs it would be impractical to attempt creating default questions for the user. Therefore the user will have to bring to the program questions already worded.

**Assumptions and dependencies:** The software will be developed for a Windows operating system. The assumption will be the user has a Windows system with Windows XP or later.

**3. Specific Requirements**

**GUI**

1.0.0 The GUI will be intuitive enough that the user will be able to function with ease.

1.1.0 Text boxes are provided for the user to fill in survey questions

1.2.0 The user defines multiple choice style answers to survey questions

1.2.1 Multiple choice questions created by user are assigned values which later are used for analysis.

**Survey format**

2.0.0 Survey created by user is presented to survey taker in a finished graphical format

2.1.0 User answers the questions created using mouse clicks to check boxes.

2.2.0 Answers are populated in a SQL data base that will be referenced for analytical results.

(1) <http://en.wikipedia.org/wiki/Survey>

(2) <http://en.wikipedia.org/wiki/Analytics>