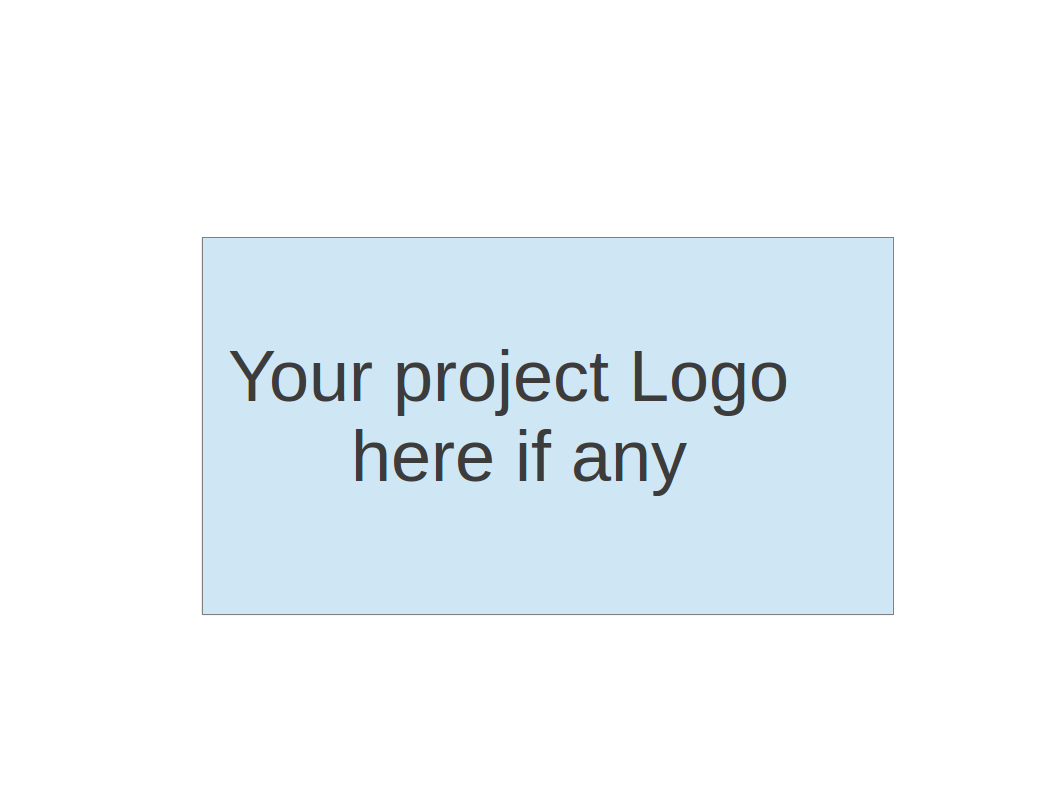
**CS673F13 Software Engineering** 

**Group Project 2 - Your Project Name xxx**

**Project Proposal and Planning**

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Role(s) | Signature | Date |
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**Revision history**

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| --- | --- | --- | --- |
| **Version** | **Author** | **Date** | **Change** |
| **1.0** | **xxx** | **xx/xx/xxxx** | **xxxx** |
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# Overview

This is a semester long project for the BU MET CS473/CS673 course. Our goal is to create an internet application that will be able to create, take and analyze surveys.

The application will also provide pre-fabricated tools to speed up survey creation and publication.

# Related Work

There are many survey tools on the market, some free, like SurveyMonkey, (https://www.surveymonkey.com/) which allow the user to login, create the survey, and view analytic reports, and some that are costly but more sophisticated, like Visimojo (<http://visimojo.com/>).

SurveyMonkey will let you create a survey for free and has a question database and templates to choose from. However, more sophisticated features, like choosing question sequencing, require you to subscribe at a higher rate.

# Detailed Description

# There are two types of users, survey-creators and survey-takers.

# Survey-creators will login and should be able to create a survey, edit it, delete it, view statistics, and get reports.

# Survey-takers will connect through an email link and take the survey. The system will collect the results for reporting.

# Login is pretty straightforward. A survey-creator will enter a login name and password, which the system will verify. A survey-taker will be able to connect without logging in, and can submit some demographic information which will be used for analysis.

# To create the survey, the system will ask for a survey name, and then create a unique URL for that survey. The survey-creator will be presented with question choices, such as "multiple choice", "multiple answer", "true or false", "ranking", "single choice", "short answer with keywords", "Comments". The survey-creator will enter the question and the possible answer choices. There could also be questions that have no answer choices, such as "Comments" type questions.

# As part of the question entry, the survey-creator will also enter a flag to determine whether or not an answer is required, and any required error-checking to determine if the questions are outside a given range.

# When the survey is complete, the survey-creator reviews the questions, and links answer choices to the next question in sequence. For instance, if the question is something like "Are you a student at BU?" the answer choice "Yes" might link to a question like "What's your favorite class?", but if the answer choice is "No", the next question might be "Are you a faculty member"?

# When the sequencing is complete, the survey-creator will have an option to preview the survey before submitting it.

# Survey-takers will connect, given a URL in their email. The system will collect their answers to make the data available for analytic reports.

# Management Plan (For more detail, please refer to SPMP document for encounter example)

## Process Model

## Objectives and Priorities

## Risk Management

## Monitoring and Controlling Mechanism

## Schedule and deadlines

# Quality Assurance Plan (For more detail, please refer to SQAP document for encounter example)

## Metrics

## (e.g. define what metrics will be used, , how to keep track of metrics, and how to analyze the metrics for process improvement)

## Standard (e.g. documentation standard, coding standard etc. )

## Inspection/Review Process

## (e.g. describe what are subject to review, when to conduct review, who do the reviews and how ?)

## Testing (e.g. who, when and what type of testing to be performed? How to keep track of testing results?)

## Defect Management

(e.g. describe the criteria of defect, also in terms of severity, extend, priority, etc. The tool used to management defect, actions or personnel for defect management)

# Configuration Management Plan

# (For more detail, please refer to SCMP document for encounter example)

## Configuration items and tools

## **Change management and branch management**

## Code commit guidelines

# References

(For more detail, please refer to encounter example in the book or the software version of the documents posted on blackboard. )

# Glossary