# CEN 4020: Software Engineering I, Summer 2020

**Florida State University**

**- Group Project Proposal Template –**

**DEADLINE: Friday, May 29th, 11:59pm on Canvas** (only one team member needs to submit)

*Please use this template to write your project proposal. All the text in italic should be removed from your final submission.*

***The project needs to be original and complex enough to justify and reflect the intensive work of 4-5 people for about 5-6h/week per person, over the course of about 3 months.*** *Mobile apps, games, web apps are encouraged. Some examples of previous project proposals can be found on Canvas. Mind that this project is meant to stretch your comfort zone and that you may need to learn new technologies, programming languages, APIs, platforms, etc. on your own to be able to deliver a good project.*

***IMPORTANT NOTE:*** *Your team may be requested to schedule a meeting the instructor and/or TAs after the proposal is due, in order to answer clarification questions or in order to get feedback and/or adjust any aspect of your project. Only after everything is cleared, you get the go-ahead for the project.*

1. **Project title**

Business Survey Analytics

1. **Brief overview of what you are proposing**

We want to provide a business, or any user, with a platform to generate their own survey. For example, the business can create their own personalized survey with specific questions tailored to their business. The platform would then store these results in a database and be able to supply the business with analytics so they can decide what changes should be made to better serve their clients.

1. **Motivation**

Our group wanted to do something that was practical and could be used in the real world. Surveys are a good way of getting anonymous information efficiently. A platform where data from clients/employees can be collected will help in making decisions on products and business practices. Additionally, the time saving aspect of a user-friendly survey engine will make surveys even more common for companies who do not have the resources to efficiently distribute surveys.

1. **Features to be implemented and types of users**

Admin – access to everything.

Business owner – create survey, view survey results

Generic user – access to survey

1. **Risk / Challenges**

Risk/Challenge – Everybody is fairly inexperienced so there will be a lot of learning as we go

Risk – Team members have multiple classes to focus on

1. **Existing related projects**

Similar project – Google Forms, SurveyMonkey

1. **Intended platform / programming language**

UI: CSS3, Javascript, HTML5

1. **Third-party libraries / APIs to be used**

Database: MySQL

Server: Node.js

# Team members, expertise, project responsibilities, and team organization

*These could change throughout the project*

***Primary Forms of communication include: email, Group Chat (iMessage), and Group Face Time. Our group primarily communicates through iMessage to schedule meetings and share information, meetings are currently being held 1 time a week.***

Trey Hamilton(tjh17c): Most familiar with C++

Mike Fogarty (mmf16): Most familiar with C++ - Plans to work on front end development (html, css, javascript)

Sam Anderson(sha19): Most familiar with C++ - Plans to work primarily on the database

Joseph Fields(jgf18): Most familiar with C++ - Plans to work on the backend/database

Luis Corps(lcc16e): Most familiar with C++- Plans to work on front end development (HTML, CSS, JS)