

## User Interface for Administrators

### 1.1 Overview

STEM Academy needs to collect survey data for assessment using software, in order to determine their impacts on the respective participants. Paper surveys have many constraints. E-survey has many advantages. It is revisable and fast. Also, it does not cause any wastes. STEM Academy needs to create and update the survey questions contributing to collecting more useful feedbacks and providing participants with better programs.

### 1.2 Criteria

The main administrators are the staff of STEM Academy who are non-technical in regards to computer technology. What's more, they are too busy to spend much time on learning how to use it. Thus, the UI of survey generator must give them enough feedbacks to let them know what to do and how to do.

### 1.3 Potential Choices

#### 1.3.1 Choice 1

The choice one is to use Qualtrics Survey Software because it has a contract with OSU and it is well-developed Survey Software. It has most of features we need based on the pre-research.

#### 1.3.2 Choice 2

The choice two is to use Google Form because one of our group members used it before and think it is able to meet most of requirements. However, we have not done any research on it so far.

#### 1.3.3 Choice 3

The choice three is to keep working on the current system which is functional but have some flaws. STEM Academy staff have been familiar with the current system. They don't need to learn anything new.

### 1.4 Discussion and Recommendation

Obviously, we prefer the choice 1 and choice 2 because they are programmed by professional programmers and can be kept updating. We only can work on the project for this year. We would not be able to update the system in the future. I would recommend choice 1 because Besides its powerful and enough features, Qualtrics has a contract with OSU. And we did more research on it.

### 1.5 Conclusion

In conclusion, Qualtrics is a good survey software. Besides good UI, it is safe, easy to use and learn. It can bring staff of STEM Academy more pleasure experience. Even more, it can export data in most of files. Therefore, we would like to do more research on Qualtrics on how to use it to connect our system.