Team Concerns for SurveyApp Creation

**Top Concern:**

The users should be able to opt out of taking this survey, or in a case of an accidental “no” the user should be able to get back into the survey and select “yes”. It was suggested we start with a simple yes/no page, but we would also need consider putting in a statement of what the user will be doing, the fact that they will be kept anonymous, and that is optional.

**Survey Data Concerns**

The very first concern is the ability to keep students anonymous while being able to store the data while they are taking the survey. We will need to find a way to keep the data for a variety of reasons. One reason to save the data is in case the user accidentally backs out or closes the tab. Another reason would be so the user can navigate between pages without losing the response. We will also need to stay as close as possible to the original format (Excel Spreadsheets) when the data is output. We should also make sure the data is secure and only accessible to administrators and not any students.

**Survey Program Concerns**

One of the very first concerns with this program is to make sure the survey itself is website and mobile driven as this is to replace using paper surveys. If it is going to be attached to Canvas, the survey that navigates away from this should maintain college branding. We would also like to look at the user being able to navigate through the survey itself, especially if the user would like to go back and change answers. The user should also have a way to opt out of questions and be able to review all answers before submission. We would like the user to be able to go back and forth through the survey via a navigation bar or forward and backward buttons. Also, some parts of the survey should not be visible to sections where that particular part is not applicable. For example, a non-lab class should not have to take the lab portion of the survey. We would also need to have a way to stop null surveys from being submitted. When we begin programming this survey, we should also examine edge cases like visually impaired (having a magnifying glass to enlarge the font for example) or another disability that would hamper taking this survey. Also, if there are questions that require a written response, we would like to have a way for the user to answer in plain text.

**Survey Development Concerns**

One of the first concerns is the data itself. We would need to save this data collected without saving any information on the students. Ideally we would like to store this survey as a template and keep it customizable for different departments. This may aid in students not having to take a portion of the survey that does not apply. This may look like an SQL database. We would also need to determine the role of api’s and where to use them. While developing this program, we should try to keep the code user friendly for future developers to be able to go back. We should also keep in mind that the survey may need to change and how to handle this. Will this require a programmer to be brought in or can we develop it so the college administration can make the appropriate changes. It has not been discussed whether or not we should have a user interface for the administration to be able to do just that along with printing/sending the necessary data to where it needs to go.

**Proctor Related Concerns**

We know we need to proctor to have the ability to open and close surveys as needed. The proctor should be able to also reopen the survey if an accidental “no” is clicked. The proctor should have the ability to open a session. We have yet to decide if that is scanning a QR code, entering a generic code or a combination of both. The proctor should also be able to close down surveys once the proctor has received the correct amount of submissions. The proctor should also have a way to stop students from taking multiple surveys after the class survey has expired. The proctor should also be receiving feedback for completion of surveys or no responses while the survey sessions are in progress.