Survey App Notes

- Admin ability to open surveys to classes

- Admin ability to reopen surveys if accidental "NO"

- Ability to go back if they accidentally click a wrong button (for example if they click don't want to take the test but do actually like jesse said) *it was mentioned to store session data (perhaps angular services to manage this)

- Double check option//button (if they want to click yes double check that is what they want to do)

- "YES" "NO" options as opening page

- Extremely user friendly code for future developers with ability to change survey questions easily

- Opening the survey for students to respond to be extremely user friendly to proctor

- Ability to reopen survey if chose not to take it and changes mind

- Reports should be as close as possible to the original reports (files in chat)

- Original system involved a system named watermark. This is purely informational but may be useful to the end user

- Output needs to have an XLS format for use in advanced excel shenanigans

- Would like to have a tablet or web client available to handle students that don't have personal devices.

- Needs to give proctor feedback when a user has completed the survey so they can know it is complete. A simple counter would suffice.

- Needs a way to start and stop administration of a survey

- Sessions need to be able to go back without losing response. Session data should be stored between each part of the form.

- Need to examine edge cases for things like visually impaired students or students with disabilities.

- Revisions will happen. How are we going to handle them so that a developer does not need to be involved?

- Have the ability to anonymize data in multiple areas

- Admin needs secure access to data, but not to students

- There are proctors…will they have the same access as Admin?

- Models need to be dynamic

- After a model is changed, what will we do with the current database data? Will we create create a new database when the model is changed? How will we connect them?

- Needs to be mobile and website driven.

- We need to deal with Disabilities edge cases.

- Data needs to persist in a session all the way through the survey so that a student can go back and change their answers before submitting.

- Program the survey to offer a view of their answers on a single page at the end before submission so that they can review their answers and see if they want to change any answers.

- Store the survey like a template

- Look for existing solutions: what is good and what is bad, look at what replaces what you are doing.

- Show entire survey at the end with the option to review and revise

- Make the program stand alone for each department that uses it, like a template, that is the base program but customizable for each department.

- Use a service to store data while a survey is open/being taken. Only fire all survey answers if and when a survey is submitted. If user navigates away, throw away the data

- Have a navigation bar at the top to go back to previous pages to discourage the use of the backwards and forwards button.

- Need to ensure they are actually submitting a completed survey, not submitting an empty survey.

- Use pop up windows to confirm any given button is what the user intended to choose.

- How will APIs play into this project, where will we put them and what will they do?

- Open a Trello Board to organize our work-flow.

- Will students need credentials to access the app?
  - Students will get credentials from the proctor, they will be standard credentials that all students get so that no credentials are tied to a student which would remove anonymity. Proctor would be a self-policing entity that will be in charge of making sure only students get the survey.

- Have an "opt out" of question option to choose as an answer for each prompt on the survey

- Since the credentials are general, we need to have a way to keep students from doing multiple surveys after the class survey session has expired…a "this message will self-destruct in 30 minutes" type thing.

- This can be accomplished with a randomly generated QR code at the beginning of each survey session. Once the proctor closes the survey, that code will expire and no longer work.

- Web form of survey (access from canvas?)

- One page for the entire survey for simplicity, large font and submit button.

- Students will be navigating away from CANVAS…it will be prudent to put CC branding on the survey landing page.

- Make "Lab" questions visible only to students that are in a lab class.