

Strengths:

- Customer App for our customer: This app was made customer for the customer we have and it is being made to fit their specific needs
- Data Combination: Our customer wanted an app to combine data files and help them manage their Excel sheets filled with their data. Our app includes functionality tailored to their data and combines spreadsheet data based on the general data outline they provided
- Ease of use: Our app ensures the customer is able to assign nurses and keep records all within our application, organizing what would otherwise be scattered information.

Weaknesses:

- Application appearance: Our application isn't as glamorous as one made by a team of paid software engineers. Because we opted to use tkinter for a frontend, it makes the software look dated.
- Limitations of the combination: How our current app combines spreadsheets, it is limited to the acceptable formats. This means if they have data that isn't already suited, then there is a good bit of effort to either reorganize that info into a suitable format.
- Lack of general accessibility: Our app only runs locally, which means the person using it can't access the same information they may have used previously from another computer or device.

Opportunities:

- Our customer is not looking for perfection: Our customer has been closely working with us to develop this app, and they are aware we are students and the limitations of being students. They seem to be happy with our progress, and that trend of customer satisfaction will likely lead to our app being used
- General Budget Cuts to government and health services: It is likely our customer doesn't have much of a budget to find a paid solution for their specific problem. This is good for us because there is a good chance that they will be able to use our application for free.
- Organizing data helps drive efficiency: when businesses are able to better organize their data used for running processes, it generally causes their efficiency to trend up as well. This is good for us as our app helps our customer organize their data.

Threats:

- UVU Lawyers: Depending on how things pan out, UVU may try to make our customer pay for our application or limit how it is used. This could make our customer veer away from using it.
- HIPAA laws: Our application is being made based on a generic data format. This format had to be used because, so far, we still aren't allowed to access the customer's actual data and formats. If we aren't able to access it by the time the semester is over, that could mean the death of our app in the scenario where the generic data format wasn't close enough for our combination methods to work with the actual data.
- AI making apps: General trend with AI is that it's getting better at making software, and that trend could mean someone making a more suited app that puts ours out of use.