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**Team Share User Testing**

**Method:** We first went through a preliminary survey session with the 408 classmates that gave us extremely valuable information on very easy bugs that we didn’t realize were present. Also, Elaine and Clem gave us interesting UI/UX improvements that could be implemented in the future by the client.

Secondly, we created 2 Google Survey Forms corresponding to the two parts of our application: the nurse and the caregiver portion of our application. For each survey, we asked participants to answer a combination of rating and free response questions.

**Challenges:**

The main challenge we had in user testing was obtaining a robust number of participants. In particular, since we had two applications, we would need to obtain twice the numbers of users to test the application on. Furthermore, hospice nurses were generally unavailable, so that presented another difficulty in obtaining participants.

Luckily, we were able to get a couple responses for the surveys. If this product were being pushed to more people, I think that we would have been able to get more momentum in user testing. But as it stands, the Duke Cancer Institute is a pretty small entity and we will just have to wait for the project to gain greater priority.

**Results:**

In-Class (pre survey data):

* Elaine: (nurse signup) She is signing up as a caregiver?
  + Entry points CUTOFFF
  + Password confirmation
  + Email check/regex confirmation
  + Keyboard covers up view
  + History not working
  + Buttons bigger
  + What is the flow from assessments to history? It's unclear
  + Strange Assessment wording
  + Elaine broke app during
  + Congratulations
  + Assessment firebase failure
  + Unclear who your patient is: should have an alert if there isn't a patient

* Clem: Auto login after sign up
  + Distressed? I guess it doesn't make intuitive sense
  + History, a lot of assessments populated
  + Photo slow

Nurse Data (Survey Data from Duke Cancer Institute)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Timestamp | Describe your impressions of this process: | Sign Up Process: Ease of Use | Describe your impressions below: | Patient Manage: Ease of Use | Describe your impressions below: | App Navigation: Ease of Use | Please experiment with the application. For instance, view the past history of some of your patients or write a note about a patient. Describe your thoughts below: |
| 12/9/2016 14:36:46 | The process was very user-friendly and aesthetically pleasing. | 5 | The process of patient creation, as well as the patient management screens, are both easy to do and functional. | 5 | The color coding made it super easy to see which patients have the highest priority status. | 5 | The app impresses in form and function. |

Caregivers (Survey Data from Duke Cancer Institute)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Timestamp | What are your impressions? | Sign up ease of use | What is your impression of the assessments feature? | Ease of Use | What are your impressions of this feature? | Ease of Use | Please experiment with the application. Try to update your profile or contact your nurse. What are your thoughts? | Ease of Use |
| 12/9/2016 14:42:44 | This was easy to do. The options below go from Difficult -> Hard. I will select 5 meaning it was easy. I think that's what the survey-creators intended. | 5 | I liked the slider and that there was a pop-up when I accidentally pressed the back button when I did not want to quit. | 5 | The only issue I see is that Depression is spelled Depressio. | 5 | The "Message Nurse" button turned my screen white and that was it, so I had to force quit. The rest of the app I found intuitive and useful. | 5 |