**Cross out items that you’ve completed.**

To-Do Thursday 5/30 Friday 5/31

1. Talk to Kunal on Fri about mandatory participation on Tuesday during clinic
   * If Kunal is not there on Friday, create a draft email – send to Vish
2. Bring Macbook JMC data collection laptop (and charger) home Friday to set-up design experiment on it

To-Do by Sunday 6/2

1. Find perfect 10 subjects to run sample experiment next week in person with residents/fellows **DONE**
   1. Ask Vish if need another subject’s data **ASKED**
2. Fake 3 patients (leave time series alone for now, fake symptoms) WIP
   1. 1st patient - Same symptoms that are higher or lower scored than the actual symptom
   2. 2nd patient - Random symptoms that don’t exist
   3. 3rd patient – Both of the above
3. Fetch patients from database dynamically **DONE**
   1. Parse through a hardcoded array of subject IDs
4. Insert page before demo saying the next patient is a demo patient **DONE**
5. Insert page before 1st patient that is part of study saying experiment will start now, plus instructions (tell them they can save after a patient) **DONE**
6. Change logo (Weibel lab logo – ask Vish) **DONE**
7. Place X, Y, Z vector axes next to video on UbiStroke slide **DONE**
8. Look into exporting data (questionnaire and scores) to CSV or XLSX from JSON **(Some online converters already exist, data needs to be consistent however)**
9. Look into screen video recording **(Easy if done on Mac)**

To-Do by 6/10

1. Prep for experiment to be run remotely by clinicians (after server up)
   1. Update any text instructions
   2. Click-through video demo
   3. Order of experiment: demo -> 7 real + 3 fake -> questionnaire -> ability to continue and do 10 more patients

Immediate Action Items

- Save and continue (create a profile per participant) DONE

- Fix bug: end of ubistroke slide, confidence value drop-down doesn’t work DONE

- Make the end-of-experiment questionnaire better (WIP on Google Forms)

- Integrate google forms? (<https://docs.google.com/forms/d/1XTR8hSULcT-QB24tKViirrHlLTqdcMUvEAlxYTUes64/edit?usp=sharing> )

- Split up questions into multiple

- accuracy vs reliability for example

- provide examples in a drop down menu of external resources they may use (plus an “other” option)

- Change answer options to drop down “yes/no” + “elaborate”

- prevent continuing with blank answers DONE

- Talk to Kunal about his JMC study about rehabilitation (“Project STRONG?”). See if we can piggy back off of that.

- Find background info on whether knowing when to see a patient again or discharge them is useful or is a problem right now in stroke care

- Import 10 subjects worth of body files and videos and use those **- Need storage transfer Device**

- Remove human outline **DONE**

- Remove transparency of the body parts **DONE**

- Use “Ubistroke ID” instead of MR number as Subject ID **DONE**

- Highlight joints that are selected to be plotted, highlight the same color it’s displayed on the graph **Done**

- Create a gradient based on the NIHSS score of symptoms in the area **WIP: Want to ask neurologists for more details.**

- Move all the user options to the corner, above right side of chart **DONE**

- Add Z data user option **Done**

- Move “Hide Nodes” into “User Options” **DONE**

- Put currently displaying over the chart (“… vs. Time (HH:MM:SS)”) **Should be done after data feeding is reworked.**

- Put NIHSS symptoms of patient in a larger rectangle and put in top right corner **DONE**

- Swap left and right labeling **DONE**

- Make app more scaleable **WIP**

-Make csv import/require dynamic

- Time Machine like interface for same patient, multiple visits (fake older data)

- Replicate Lisa’s Balsmiq prototypes in the UI with fake data

-Work on experiment design

-Video-Response Page -> Ubistroke-Response Page -> Questionaire & Comments **DONE**

-Have X and Y Label **DONE**

-Use Skeleton SVG **DONE**

-Look into how we can better compare Kinect joints (cm and inches?) (deviation from original point?)(should probably be a question on end of experiment questionnaire)

-Add questions to question form NEED MORE TIME (MEET Thursday?) DONE

-Create Video walkthrough.

-Intro page: Name, role (years of experience), experiment debrief, tutorial, brief questionnaire slide pages

-Follow up on server status DONE?

-question 5: outside the hospital, what kind of information???

-Maximize dropdowns

-Mention which questions there is an NA option for

-Look for similar work about comparing tools to what humans do’

-Reorder questions

-Look into UX/UI stuff

-

Make a list of questions:

Medium Priority

- Prep for Wizard of Oz study for “Start New Patient”

- Set up Virtual Machine (AWS) connected to Firebase DB

-Figure out why it doesn’t run on other browsers

Less Priority but Important

- Look into other data visualization APIs **DONE**

- Look into video display APIs **DONE**

- Click video at a timestamp, go to approximate spot in chart timeseries **DONE**

- Marker in time series chart, marker where you hover in the chart with your mouse **(Hover done, marker onclick WIP, should be possible with new API)**

- See how UI looks on different browsers, different screen sizes (the positions of the chart, User Options, human body, etc. should move accordingly) **See make app scaleable**

Process for Getting Feedback for a Design Paper - Spring Quarter

1. Testing with fellows in-person during data collection sessions

(Can Andrew specify smaller time frame during his data collection sessions to interview fellows/attendings so that Vish and Nadir can attend as well?)

2. Gather fellows’ feedback, summarize it

3. Meet with Kunal/Brett and discuss summary with them, and get their feedback on UI