1/28 Meeting

* Meeting with Karen on Tuesday 2/2/2021 2 - 3:20 pm
  + Discuss roles for the interview
    - Everyone should get a chance to talk to Karen
    - We can probably record the zoom interview
    - Will need to take notes
    - Make the interview informal, so everyone is comfortable :)
* Discuss Team Roles
  + Communicator (Communication with Karen and outside the team) - Dylan
  + Purchasing Agent - Allison
  + Systems Engineer (Integration of subsystems) - John
  + Facilitator (
  + Project Manager
* Discuss Problem Statement
  + Current State
    - <https://higherlogicdownload.s3.amazonaws.com/SPED/f1a9f0ef-3d66-408f-9009-876f9a536434/UploadedImages/ATforArtTechSpotlight.pdf> (2012)
    - Special handles, included clipboards, button to control a robot
    - Are students currently drawing on say on iPAD and then the project needs to transfer the electronic drawing to a device that can draw it physically
  + Desired State
    - Students with limited abilities to engage in the arts
    - Draw alongside the teacher
    - Use either a head/eye tracking system
    - Simple enough to be operable by anyone and easily maintainable without any special tools
    - Safe and portable
    - Use a variety of brushes and colors
  + Key Goals and Deliverables
    - Working prototypes
    - Proper Documentation (User and set-up guide, maintenance information)
    - Give/provide training video
    - Submit paper/project to a conference
  + Key Constraints
    - Budget
    - Tools provided by RIT
    - Requirements by end user
      * Portable - fit in a specific footprint, under a specific weight
    - Different interfaces we need to connect to
      * keypad/eye tracking
      * Standard plotter, computer monitor, large screen display
    - Changing out tools - colored pencils need to be sharpened
* Interview Notes
  + Ask about the state of any art assist products used by the students
  + Karen will be emailing some of the answers to the general questions we had
  + Finalized list of general and specific interview questions
    - <https://docs.google.com/document/d/1H-llv8vtIJE1U3TyOp6-aPerKFsnBLpwWBMLG0OChD8/edit>
  + Dylan will start off/lead the meeting
  + Google doc to takes notes so we can all add information
* Use Case
  + We all had a very similar use case.
  + See what Karen says to answers of specific questions to determine if there’s any other use cases
* Started just a draft of engineering requirements
  + <https://docs.google.com/spreadsheets/d/1_IZcNNnW0dwpgoJAZ-F0mmnLqIqh75EQA9Q7DGl4pTg/edit#gid=933476582>