

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-Ilv8vtIJE1U3TyOp6-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-F0mmnLqIqh75EQA9Q7DGI4pTg/edit#gid=933476582
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