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ARTS486

Project 1: As We May Rethink

Functional Specification

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1. Scope: - what are the project goals, deliverables, features, tasks, deadlines and cost?

- To create a private file & library with sharing capabilities
- Storage of info that can easily be found at a later date
- Easily share information between devices/people
- Create a comfortable work space

2. Solution Overview

- what are you proposing to create to solve a problem?
  - a device that links information based on how you interact with different sources to make information more manageable and easily recalled
- physical description :
  - large table/desk, U shaped
  - sleek, shiny, easily cleaned
  - 3 screens that interact with each other, with blue light protectant
  - pen that allows you to make handwritten notes/drawings
- technologies used
  - display screens
  - buttons/keyboard
  - memory devices
  - levers/dials
  - interactive "pen" and mouse

3. Requirements Specification

- what does the proposed device do?
  - organizes and displays data in a personal, adjustable way
  - saves data with notes and associations

4. Use Cases

- put functional requirements into the context of a user action.
- example: to make toast, the user:
  1. Turn on the device using the power button
  2. Adjust the height/angle of screens
  3. Insert information/memory device or access information already saved on existing memory device
  4. Use pen/mouse to arrange information on screens
  5. Make notes/outlines of information, sort by relevance
  6. Search for information stored on device that became relevant during your evaluation of info
  7. Save new notes and information together on memory device for future use, or to be shared

8. Remove memory device to share or store

5. Non-functional Requirements - any nice to have features that do not effect core functionality

- Soft armrests
- Adjustable height for standing vs sitting
- Black and white vs color function