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ARTS486  
Project 1: As We May Rethink  
Functional Specification  
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## **Scope**

Create a design for the memex that is able to scan, share, store, and download documents as well as other people's trails on said documents.

## **Solution Overview**

I want to create a memex basically built inside a desk so that it would fit naturally in a room and not look too out of place. All of the computer parts would be housed inside the desk and accessible by removing panels underneath the desk.

## **Requirement Specifications**

The memex comes with a built in monitor to view your documents, a scanner to upload the documents onto the computer, a small printer on the other side, and data storage units to maximize the amount of data you can hold.

## **Use Cases**

### **Download a document**

- Turn on the memex
- Click the globe icon
- Search in search bar what kind of document you are looking for
- Click the desired document from the results
- Look through the document to make sure it's what you want
- Click the download button on the top left of the screen
- Click the home button in the sidebar
- Click the downloads tab in the sidebar
- Access your result

### **Adding a document to your memex**

- Turn on the memex
- Click the scan icon in the upper right
- Answer the prompt
- Prepare the pages you would like to scan
- Lay the page on the memex's scanner
- Flip pages when prompted
- Click done when you have scanned all your pages
- Add a name to the document
- Save your document to the database