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scope

the memex is a mechanized private file and library. its main goal is to store information using associative indexing. the memex should be known for its speed, flexibility, and duplicability.

features include

speed and flexibility
associative indexing
size of a desk with slanted screens
holds 1 million volumes of information
auto audio recording for note taking; speak to text
auto time records
uses UI language
cheap duplicability of copies of content
compared to an encyclopedia with trails (hyperlinks)

cost

this machine is fairly expensive due to its size and abilities. price can compare to a desktop computer or large copy machine

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solution overview

the memex will allow users to collect and store data using speak to text methods. the machine stores this information in an organized manner while also automatically recording the time reported. the machine will also promote the sharing of data due to its cheap duplicability feature. the memex helps solve the problem of storing physical data along with being interrupted while studying to report the information. with speak to text and automatic time recording a user can work on an experiment hands on without having to step away to record their findings

physical description

size of desk
dual slanted screens
large hard drive that holds up to 1 million volumes
potential keyboard attached
high quality microphone for speak to text
copy machine and print aspect

technologies used

associative indexing
wifi and bluetooth
speak to text
audio recording
UI language

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requirements specifications

the device can record and store data using a speak to text software. stored data can be organized, reviewed, and copied at any point by a user as well

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use cases

record and store data using speak to text methods also allows copying and sharing of data

1. user begins speaking to record information
2. information is automatically recorded by the machine and taken down by category and time
3. information is stored in proper manner and place
4. user can go back on its recordings from that session and edit them, copy them, or share them
5. user can also go back to look at past data or any data that was shared to them by another user

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non-functional requirements

dual slanted screens
main reference and side reference