

Presenter: Uma Murthy

Institution:



Project: Re-finding from a Human Information Processing Perspective: Designing a Personal Memex for Different Populations

Other Authors: Ingrid Burbey, Gyuhyun Kwon, Nicholas Polys, Prince Vincent, and M. A. Pérez-Quiñones

What?

Explore the use of the Personal Memex by different populations from a Human Information Processing (HIP) perspective, while aiming for a universal design:

- People with Mild Cognitive Impairment (MCI)
- People with Macular Degeneration

Results so far:

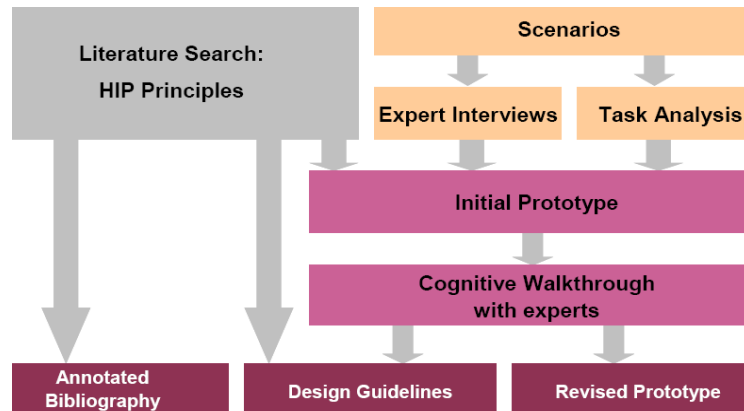
- An annotated bibliography for HIP, usability and design literature relating to the Memex and the populations under study,
- HIP-centered design guidelines for the interface, and
- A low-fidelity prototype.

Why?

To support independence and aid recall for special populations by using a Personal Memex.

Low-Fidelity Prototype:

How?



Prototypical Icon

Easy answer questions for quick recall

A 'find' wizard to search across time, place, documents, people or customized fields

Calendars which default to today's date

Ability to do a contextual, device-wide, or global search

Ability to customize interface and create personalized views

Visualization of results is designed to match the user's mental schema