



School of Information Science & Learning Technologies

Information Experience Lab

The Information Experience Laboratory is a usability and user experience lab with the mission to improve learning technologies, information and communication systems.

The IE Lab conducts research and evaluates digital technology for clients in diverse fields such as journalism, healthcare, computer science and education.

The Information Experience Lab offers:

- » Professional usability and User Experience evaluation services
- » Human-centered studies in organizations
- » Studies of effectiveness of pedagogical approaches used in digital platforms



STUDIES

- Expertise in Human-Computer Interaction (HCI), Usability and User Experience (UX) evaluation
- Sociotechnical integration analysis: how technology impacts workflow change

PROTOTYPING

- Agile design and development
- Comparative study on existing products
- Advanced rapid prototyping tools
- Techniques to develop prototypes for clients

PROFESSIONAL CONSULTING

- Professional advising on usability and user experience
- Professional advice on instructional design systems, software and app designs

Tools

Morae Usability Testing Software:
Record and analyze usability studies

Qualtrics Survey Software:
Collect Data from participants and analyze results

Optimal Workshop UX Design Tools:
Used to analyze user behavior

Axure RP:
Create high-fidelity prototypes

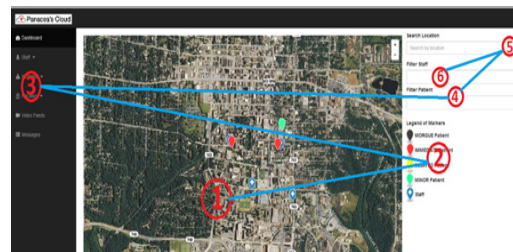
Tobii Mobile Eye-Tracker:
Capture participants natural eye movement when conducting usability testing

Zoom:
Collaborate with clients and provide online workshops

**** The Information Experience Lab has the ability to conduct in-person and remote user testing****

Client Projects

Panacea's Cloud: The Panacea's Cloud project created a disaster management system using a hands-free device to communicate between parties across a secure ad-hoc Wi-Fi network. The IE Lab evaluated the user experience.



Media Innovation Space: A space to facilitate the startup process for student entrepreneurs on campus. The IE Lab conducted a comparative system review and then created a prototype for the potential platform.

