

Team Tri*Star (Team 3*)

**UCI Libraries Website New Search
Functionality**

David Phan

Pen Han Chang

Marissa Marie Gonzales


Darien Vidaure

Client: Chris Davis

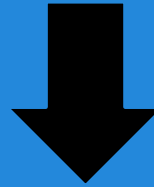
UCI Library New Search Function

Main Stakeholder: Chris Davis

Project: UCI Library implemented a new search function for students and faculty to better utilize information on the library website. Perform usability testing on this new search function.

SEARCH in Melvyl - Libraries Worldwide Go 

Original Search



TRY OUR *New* SEARCH! Go [AND GIVE US YOUR FEEDBACK!](#)

New Search



Libraries Web (0) Online Resources (0) Subject/Course Guides (0) Antpac (0) Melvyl (0)

Results Toolbar in tabs

Initial Goal & Initial Issues

- The UCI Libraries new search bar does not require any additional information other than a keyword.
 - **New system implemented Without Usability Testing performed**
 - The result types are unclear in their meanings. (Melvyl, ANTPAC)
 - No intuitive flow for searches (Forward, Back, New Search)
 - No recommended Searches (or corrected spelling)
 - Search parameters will return varying results

Methods & Tasks Completed

- After initial interviews and meetings with the stakeholder, Team Tri*Star went immediately into researching appropriate methods for testing.
 - **Published Survey online to get snapshot of what students expect from library search bar. (SEE NEXT SLIDE)**
 - Developed semi-structured scenarios for testing.
 - Individually run cognitive walkthroughs with the two separate testing groups.
Gathered recordings and video of interview sessions
 - Evaluated results from interview & testing sessions.

#8 **COMPLETE** Edit Delete Export

Collector: Web Link (Web Link)
Started: Friday, April 25, 2014 6:47:13 PM
Last Modified: Friday, April 25, 2014 6:47:59 PM
Time Spent: 00:00:46
IP Address: 96.229.102.19

PAGE 1

Q1: What do you think people use a library search bar for?

encyclopedia information

Q2: What do you think people search for the most at the library?

data and statistics

Q3: What would you use the Library search bar for right now?

information for lesson plans

Some of the responses from the exploratory survey published online.

Encountered Problems / Issues

- Conflicting schedules among team members.
- Finding Testing Volunteers:
 - Grad Students
 - Professionals
- Deciding on methods for developing new design(s) that resolve all user-identified problems.
- Technologies being buggy or presenting obstacles during testing.
- Testers are finicky, little patience for think-aloud sessions or explaining their issues with the search functionality.

Next Steps

- **Low-fidelity exploration designs.**
- Mockups with Visio with approved designs.
- Testing with new designs on two user-groups.
- Analyze results from second testing sessions.
- Finalize findings and produce a full report.



Goals of New Design *Still ! *

- **Functionality**
 - Does the user find what they were searching for?
- **Efficiency**
 - How long did it take the user to find what they were looking for?
- **Design**
 - Is the search function aesthetically appealing?
- **Comprehensibility**
 - Are users able to use this search function intuitively?

Finalized Schedule

Week 8:

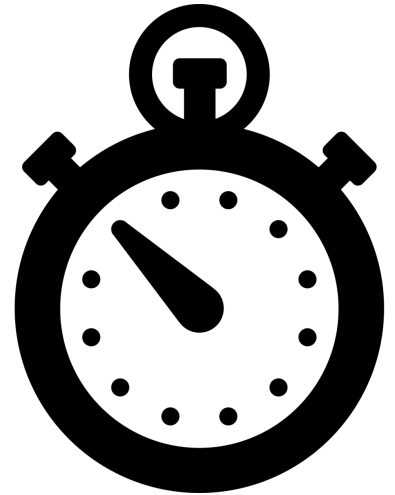
Finalize new designs & develop new scenarios

Week 9:

Deploy new design with testing & analyze results.
Structure & Deliver final report.

Week 10:

Panic and Prepare for finals!



Thank
you !