University of Arkansas Libraries  
Web Development Group  
Minutes 12/4/15  
Present: Allen, Boyd, Gibeault, Gilbertson, Hurd, Juhl, Lehman, Vimr  

Action items in yellow.  
Questions in green.  

1 Usability Study  
The group met first in room 303B to test HDMI output cables to show phone displays on the large HDMI monitors.  Boddie and Juhl had recommended this setup because:  
- in theory would allow the students to use their own personal devices in testing instead of a library iPad  
- most monitors in the library do not have HDMI inputs – except the new screens in 303  
- would not need a software install on student devices  

Testing had mixed success:  
- Iphone output fine with models back to 5s  
- Samsung / Android output varied: MHL output worked with one device and not another  

Gibeault proposed that we test using a 2nd hdmi connector to input display to a laptop and instead conduct our study on level 2 (or anywhere). Others agreed that this would be less disruptive to the students take less time than tromping upstairs.  

**Subsequent to the meeting**, Gibeault tested cable output from phone to HDMI cable to MacBook using an HDMI input cable. Results varied. Gibeault then investigated software/app wireless solutions. A service called Mirroring Assist / Mirroring 360 (http://www.mirroring360.com/mirroring-assist) can be freely downloaded as a trial on a laptop and the companion app to a phone. The phone output is then sent to the laptop display over the wireless network. The app did not work with an older iPhone (5s) but did work with newer.  

Using QuickTime, Gibeault was able to record the phone screen as displayed on the laptop. A next step—if we want to go this route, would be to test a USB mic input to get the student’s “talk as you type” comments.  

**Question for the group:**  
A software solution implies that we will need to use library devices (and probably not librarian-owned phones). Would the library ipads (instead of student devices) give us the information we need to assess our web site?  

After Juhl revealed her true inner dork with a fumbling nonanswer to a phone call, the group adjourned to room 472B to discuss the tasks/questions for the participating students. It was agreed that 10 questions should be the limit but that additional questions might be submitted to the IRB so that we have them approved.  

The draft list of questions was developed by Boyd and Youngblood. Boyd described the nature of the questions as designed to test the ability of students to perform basic tasks without additional instruction. After discussion and additional followup on email, the group agreed to the following:
1. Show me how you navigate to the Libraries' web site.
2. What will the hours for Mullins Library be on [specific day]?
3. Where is Special Collections' website?
4. If you are struggling with a database, how would you get help?
5. Show where you would look for research guides on Chemistry?
6. Show where you would look to find out if the library has a particular book.
   6b. Once you've found the book, how would you find out where it is inside the library?
7. Show how you would request a book NOT in the Libraries' collection.
8. Which librarian can provide in-depth assistance for business questions?
9. Where would you look to find a journal article on a general topic?
10. Your instructor told you to search databases specific to biology. Where would you find them?
11. Where would you look to determine if the library has the "Journal of Advanced Nursing"?
12. Navigate to the Physics Library's page and find out where it's located on campus.
13. Navigate to our Digital Collections, choose one to browse through.

All agreed that in the future testing should be placed on a more agile cycle where mini-polls could be conducted more frequently.

**Juhl will begin the draft form for the IRB.**

2. Journals search tab
The group reviewed Gibeault’s suggestion for changes on the main search tab for journals. Approved and done.

3. Library Catalog Draft
The group (quickly) viewed Hurd’s draft of the library catalog at [http://library.uark.edu:2082](http://library.uark.edu:2082) and draft survey at [http://tinyurl.com/CatalogSurvey2015](http://tinyurl.com/CatalogSurvey2015)

**Juhl asked everyone to test and submit comments on the survey.**

4. Embedded LibAnswers FAQs
Juhl demonstrated an FAQ page that had been rewritten to re-use Question and Answer pairs from the LibAnswers system. The benefit of doing FAQ lists this way is that the information is only maintained in one place, but can then be propagated out to any other web pages where it is needed.
The group approved this concept. **Hurd will need to create some custom CSS classes to make the embeds look more like the rest of the site.**

Next meeting: TBD!

Respectfully submitted,
Beth Juhl