



Texts from Last Night: Student Perceptions of Research and Space in Libraries

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Background

- Needs assessment
- Space assessment + user experience + Information Literacy instruction



Method

- n=20 participants (initially)
- 5 questionnaires (fall 2017)
- Individual de-briefs with n=9 participants who did all 5 surveys
- Software: survey = Qualtrics, SMS = ClassPager



Lessons Learned

- Logistics
- Survey software
- Data analysis for a small n
- Time and resources



Data

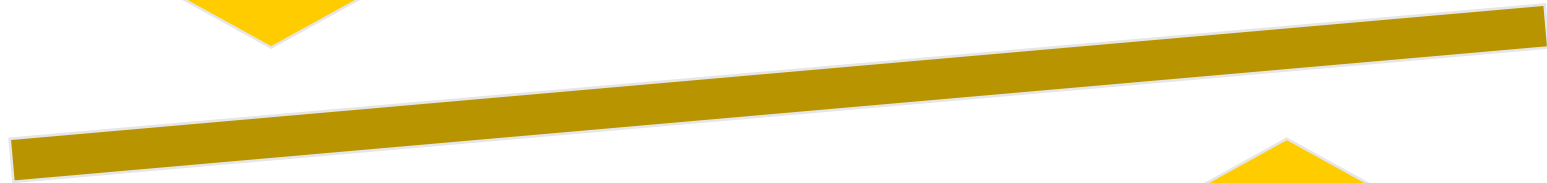


Harder

- One-on-one debriefs
- Mixed Methods
- Longer duration

Easier

- One-time survey
- Usage data
- Gate counts





Data Analysis

- A total of 14 undergraduate students participated in one of the study series, but only 9 students completed all surveys and in-person debriefing session.
- In spite of small sets of data, data itself was very rich to identify their academic life throughout the semester.
- Challenge: How to represent data in a meaningful way?
 - Personas



My Student Life at IUPUI

One major year-long research project



Name: **Sophie**
Major: **Psychology**
Year: **Junior**
Age: **21**

W3

W6-W7

W12

W14-W15

Research Question

2 hours

- Develop it based on **course materials**

Search

1 hour

- Find sources in **citation from biographies** and library **A-Z databases list**

Evaluation & Writing

2 hours

- Select my sources based on **author's reputation** and develop an outline

Research Question

6-10 hours

- Revise and learn more about it using **research guides**

Search

1 hour

- Search more in **specific library databases** and **recommendation** by instructor

Evaluation & Writing

1-3 hours

- Select my sources based on **relevancy** and **scholarly sources**

Research Question

1-3 hours

- Learn more about it using **Google** and **research guides**

Search

1-3 hours

- Like week 6 and week 7, but add more from **sources' citation** that I found

Evaluation & Writing

2 hours

- Select my sources based on **relevancy, scholarly sources, and recent publication**

Research Question

1-3 hours

- If needed, verify it using **Google** and **research guides**

Search

1-3 hours

- Focus on **specific library databases** and **instructor's recommendation**

Evaluation & Writing

5 hours

- Finalize my sources based on **relevancy, scholarly sources**

Not prepared



Not satisfied



Frustrated



Prepared

Satisfied

Confident



My Student Life at IUPUI

More than one research project, paper, assignments



Name: **David**
Major: **Education**
Year: **Senior**
Age: **23**

W3

W6-W7

W12

W14-W15

Research Question

2 hours

- Develop it based on background research in **Google, research guides, and Wikipedia**

Search

1 hour

- Start from **Canvas, research guide, and instructor's recommendation** and then **Google, Google Scholar, and IUCAT**

Evaluation & Writing

0 hour

Research Question

2 hours

- For new research assignment, develop it based on **course materials**

Search

1 hour

- Search in **specific library databases**

Evaluation & Writing

1-3 hours

- Select my sources based on **relevancy, scholarly sources and overall quality**

Research Question

1-2 hours

- Learn more about it using **Google and course materials**

Search

1 hour

- Like week 6 and week 7, but add more from **sources' citation** that I found

Evaluation & Writing

1-3 hours

- Select my sources based on **relevancy, scholarly sources, recent publication, and overall quality**

Research Question

1-3 hours

- If needed, verify it using **Google, Wikipedia and citation**

Search

1-3 hours

- Focus on **specific library databases**

Evaluation & Writing

6 hours

- Consider all criteria including **author's reputation** and verify my citation using **Purdue Owl**

Not prepared



Not satisfied



Frustrated



Prepared

Satisfied

Confident



My Student Life at IUPUI

More than one research project, paper, assignments



Name: **Catie**
Major: **Science**
Year: **First year**
Age: **18**

W3

W6-W7

W12

W14-W15

Research Question

0 hour

Search

0 hour

Evaluation & Writing

0 hour

- Homework
- Quiz

Research Question

0 hour

Search

0 hour

Evaluation & Writing

0 hour

- Homework
- Quiz
- Exam

Research Question

1 hour

- Learn more about it using **Google** and **Wikipedia**

Search

1 hour

- Use **Google** and **Canvas** course site to find out my sources

Evaluation & Writing

1 hour

- Select my sources based on **relevancy**

Research Question

3-5 hours

- Learn more about it using **Google** and **Wikipedia**

Search

5+ hours

- Use **IUCAT** and **A-Z Database list**

Evaluation & Writing

5+ hours

- Select my sources based on **relevancy** and **scholarly source**

Not prepared

Not satisfied

Frustrated

Prepared

Satisfied

Confident



My Student Life at IUPUI

One major research project



Name: **Simone**
Major: **Social science**
Year: **Junior**
Age: **20**

W3

W6-W7

W12

W14-W15

Research Question

1 hour

- Develop it based on background research in **Google, Wikipedia** and recommendation by instructor

Research Question

0 hour

Search

0 hour

Evaluation & Writing

0 hour

- Homework
- Quiz
- Exam

Research Question

0 hour

Search

0 hour

- Completed in the previous weeks using CDC website

Evaluation & Writing

3-5 hours

- Select my sources based on **relevancy**
- Submit my report always in advance

Research Question

0 hour

Search

0 hour

Evaluation & Writing

0 hour

- Exam

Not prepared



Not satisfied



Frustrated



Prepared

Satisfied

Confident



My Student Life at IUPUI

More than one research project, paper, assignments



Name: **Nathalie**
Major: **Health science**
Year: **Senior**
Age: **25**

W3

W6-W7

W12

W14-W15

Research Question

0 hour

Search

0 hour

Evaluation & Writing

0 hour

- Homework
- Quiz
- Group project

Research Question

1.5 hours

- Develop it based on **Google, course materials, library website** and specific **health-related website**

Search

0 hour

Evaluation & Writing

0 hour

Research Question

2-4 hours

- Learn more about it using **Google, research guide** and **course materials**

Search

1-3 hours

- Use **Google, Canvas, and library databases**

Evaluation & Writing

5+ hours

- Consider all criteria to select my sources

Research Question

1-3 hours

- If needed, verify it using **course materials**

Search

1-3 hours

- Find more sources in **Google Scholar, Google, specific library databases**

Evaluation & Writing

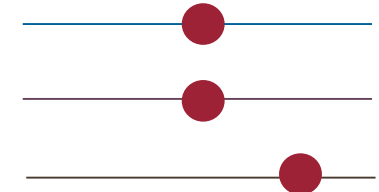
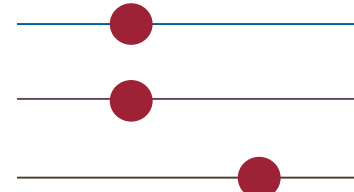
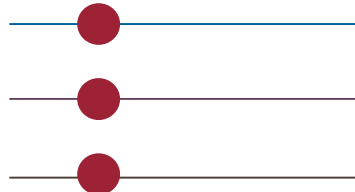
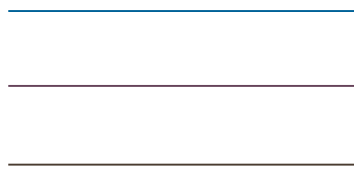
6 hours

- Consider all criteria but author's reputation to select my sources

Not prepared

Not satisfied

Frustrated



Prepared

Satisfied

Confident

Where do I study?



I spent the most time preparing/studying for all my assignments this week at **home**.



I am extremely likely to study at **home** again in the future.



Because of **convenient location** for me



Because of **technology available** for me



I study mostly **alone**.



Because of **perfect environment** to study for me (e.g., noise level, privacy)



Because of **amenities** such as food, beverages



I sometimes prepare for my assignments with **others**.

Data to Decision Making (aka Closing the Loop)



Questions?

Contact Us

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Credits



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