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

Easier
• One-time survey
• Usage data
• Gate counts

Harder
• One-on-one debriefs
• Mixed Methods
• Longer duration
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
Research Question:
- Develop it based on course materials
Search:
- Find sources in citation from biographies and library A-Z databases list
Evaluation & Writing:
- Select my sources based on author’s reputation and develop an outline

W6-W7
Research Question:
- Revise and learn more about it using research guides
Search:
- Search more in specific library databases and recommendation by instructor
Evaluation & Writing:
- Select my sources based on relevancy and scholarly sources

W12
Research Question:
- Learn more about it using Google and research guides
Search:
- Like week 6 and week 7, but add more from sources’ citation that I found
Evaluation & Writing:
- Select my sources based on relevancy, scholarly sources, and recent publication

W14-W15
Research Question:
- If needed, verify it using Google and research guides
Search:
- Focus on specific library databases and instructor’s recommendation
Evaluation & Writing:
- 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

<table>
<thead>
<tr>
<th>Name: David</th>
<th>Major: Education</th>
<th>Year: Senior</th>
<th>Age: 23</th>
</tr>
</thead>
</table>

### Research Question
- Develop it based on background research in Google, research guides, and Wikipedia
- For new research assignment, develop it based on course materials
- Learn more about it using Google and course materials
- If needed, verify it using Google, Wikipedia and citation

### Search
- Start from Canvas, research guide, and instructor’s recommendation and then Google, Google Scholar, and IUCAT
- Search in specific library databases
- Like week 6 and week 7, but add more from sources’ citation that I found
- Focus on specific library databases
- If needed, verify it using Google, Wikipedia and citation

### Evaluation & Writing
- Select my sources based on relevancy, scholarly sources and overall quality
- Select my sources based on relevancy, scholarly sources, recent publication, and overall quality
- Consider all criteria including author’s reputation and verify my citation using Purdue Owl

### Time
- 2 hours
- 1-2 hours
- 1-3 hours
- 1-2 hours
- 1-3 hours
- 1-2 hours
- 1-3 hours

### Prepared
- Not prepared
- Prepared

### Satisfied
- Not satisfied
- Satisfied

### Confident
- Frustrated
- Confident
My Student Life at IUPUI

More than one research project, paper, assignments

<table>
<thead>
<tr>
<th>W3</th>
<th>W6-W7</th>
<th>W12</th>
<th>W14-W15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Question</td>
<td>0 hour</td>
<td>Research Question</td>
<td>0 hour</td>
</tr>
<tr>
<td>Search</td>
<td>0 hour</td>
<td>Search</td>
<td>0 hour</td>
</tr>
<tr>
<td>Evaluation &amp; Writing</td>
<td>0 hour</td>
<td>Evaluation &amp; Writing</td>
<td>0 hour</td>
</tr>
<tr>
<td>● Homework</td>
<td></td>
<td>● Homework</td>
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<td>● Quiz</td>
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<td>● Quiz</td>
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<tr>
<td></td>
<td></td>
<td>● Exam</td>
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</tbody>
</table>

Not prepared | Prepared
Not satisfied | Satisfied
Frustrated | Confident
My Student Life at IUPUI

One major research project

- **Research Question**: 1 hour
  - Develop it based on background research in Google, Wikipedia and recommendation by instructor

- **Search**: 0 hour
- **Evaluation & Writing**: 0 hour

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- **Research Question**: 0 hour
  - Completed in the previous weeks using CDC website

- **Search**: 0 hour
- **Evaluation & Writing**: 0 hour

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- **Research Question**: 0 hour
  - Select my sources based on relevancy
  - Submit my report always in advance

- **Search**: 0 hour
- **Evaluation & Writing**: 3-5 hours

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- **Research Question**: 0 hour
  - Exam

- **Search**: 0 hour
- **Evaluation & Writing**: 0 hour

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**Not prepared**

**Not satisfied**

**Frustrated**

**Prepared**

**Satisfied**

**Confident**
## My Student Life at IUPUI

More than one research project, paper, assignments

### Research Question

<table>
<thead>
<tr>
<th>Week</th>
<th>Time (Hours)</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W3</td>
<td>0</td>
<td>Develop it based on Google, course materials, library website and specific health-related website</td>
</tr>
<tr>
<td>W6-W7</td>
<td>1.5</td>
<td>Learn more about it using Google, research guide and course materials</td>
</tr>
<tr>
<td>W12</td>
<td>2-4</td>
<td>If needed, verify it using course materials</td>
</tr>
<tr>
<td>W14-W15</td>
<td>1-3</td>
<td>Consider all criteria but author’s reputation to select my sources</td>
</tr>
</tbody>
</table>

### Search

<table>
<thead>
<tr>
<th>Week</th>
<th>Time (Hours)</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W3</td>
<td>0</td>
<td>Use Google, Canvas, and library databases</td>
</tr>
<tr>
<td>W6-W7</td>
<td>0</td>
<td>Use Google, Canvas, and library databases</td>
</tr>
<tr>
<td>W12</td>
<td>1-3</td>
<td>Find more sources in Google Scholar, Google, specific library databases</td>
</tr>
<tr>
<td>W14-W15</td>
<td>1-3</td>
<td>Find more sources in Google Scholar, Google, specific library databases</td>
</tr>
</tbody>
</table>

### Evaluation & Writing

<table>
<thead>
<tr>
<th>Week</th>
<th>Time (Hours)</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W3</td>
<td>0</td>
<td>Consider all criteria to select my sources</td>
</tr>
<tr>
<td>W6-W7</td>
<td>0</td>
<td>Consider all criteria to select my sources</td>
</tr>
<tr>
<td>W12</td>
<td>5+</td>
<td>Consider all criteria to select my sources</td>
</tr>
<tr>
<td>W14-W15</td>
<td>6</td>
<td>Consider all criteria to select my sources</td>
</tr>
</tbody>
</table>

### Preparing Satisfying Work

<table>
<thead>
<tr>
<th>Role</th>
<th>Prepared</th>
<th>Satisfied</th>
<th>Confident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not prepared</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not satisfied</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frustrated</td>
<td></td>
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</tbody>
</table>
Where do I study?

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

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

Because of technology available for me
Because of amenities such as food, beverages

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

I study mostly alone.
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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