Digital Learning User Experience (DLUX): Improving Digital Learning

Maria Babko
Double Major in Computer
Science & Communication, Minor
Innovation and Design

Brandy Garcia
Double Major in Business
Administration & Writing Studies,
Minor Innovation and Design

Emma J. Rose, Faculty Advisor

Writing Studies + Innovation & Design
Associate Professor, School of Interdisciplinary Arts & Sciences, UW Tacoma
Affiliate Associate Professor Human Centered Design & Engineering, UW Seattle



Instructors had to rush to online teaching during COVID

Many students enjoy online learning due to it's flexibility

Many instructors want to continue to develop their online teaching skills

How might we improve online learning experiences at UWT?

PRINCIPLES FOR ONLINE LEARNING

Alignment - Critical course components work together to ensure that learners achieve the stated learning outcome

Course Orientation and Structure - Course elements and organization assist learners in identifying course expectations and successfully navigating the course itself.

Engagement - The instructor establishes and maintains a clear presence in the course and creates opportunities for dialogue and sharing between learners.

Accessibility and Inclusion - Course content and activities reflect inclusive, accessible design principles and practices.

Assessment - Course assessments provide learners with multiple opportunities to achieve outcomes.

METHODS: USABILITY STUDIES

Usability study - A research method from human centered design that helps identify areas for improvement, where

- Representative users
- Complete realistic tasks
- While an interdisciplinary team collects data
- To make improvements!

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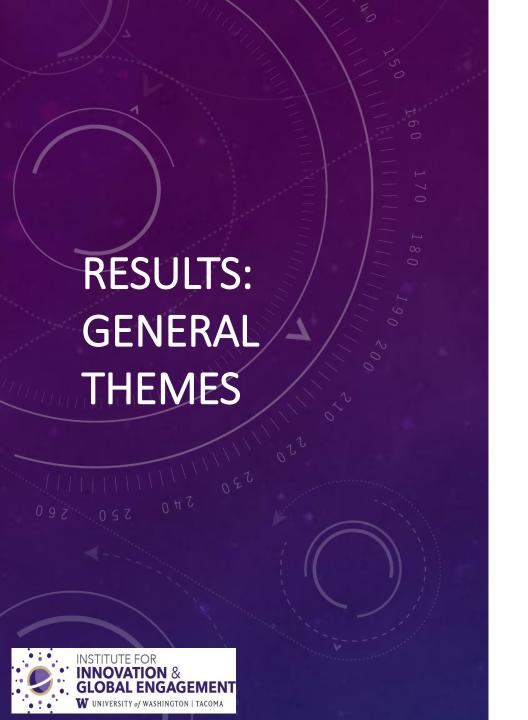
5 student researchers +

5 professors + 5 classes

30+ UWT students

45-90 minute sessions

15 tasks





Students seek most of their information about the course and assignments in the syllabus



Students struggles with text heavy syllabi and instructions



Modules are the key place students interact with a course and appreciate when they are highly organized and clear



Students sense and feel instructor's engagement with the course through announcements and feedback

ACKNOWLEDGEMENTS & NEXT STEPS

DLUX **Student** Researchers

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- Brandy Garcia
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2023 Faculty Clients

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- Marion Eberly
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with

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