Group 2A:

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Usability of a course management system for students

Usability

- Usability to determine switch from EEE to Canvas
  - Adaptability
  - Learnability
  - Efficiency
  - Mobile Responsiveness
  - Simplicity

Methods

- Heuristic evaluations
- Cognitive walk through
- Interviews
- Think-aloud
- Comparative Evaluation (feature comparison?)
- Measuring Usability
  - Task Performance
  - Error Rate

Interview Questions

- What were your thoughts when you first started using the system?
- What were your expectations?
- What is your preference? Canvas vs. EEE?
  - Why?
- Did you ever encounter trouble/difficulty?
  - What functions made sense and what didn't?
- Would you recommend a friend using it?

Number and type of users

- 8 users to choose from pilot program
  - Choose 3-5 UCI students
- Random UCI students who are not participating in the Pilot
  - Choose 3-5 UCI students

Subgroups and their usage behaviors

- UCI Students Canvas Users
    - Access the extensions through Canvas
        - Google Drive
        - Chats
- UCI Students Non-Canvas Users
    - Third party applications
        - GroupMe
        - Facebook, Facebook Messenger
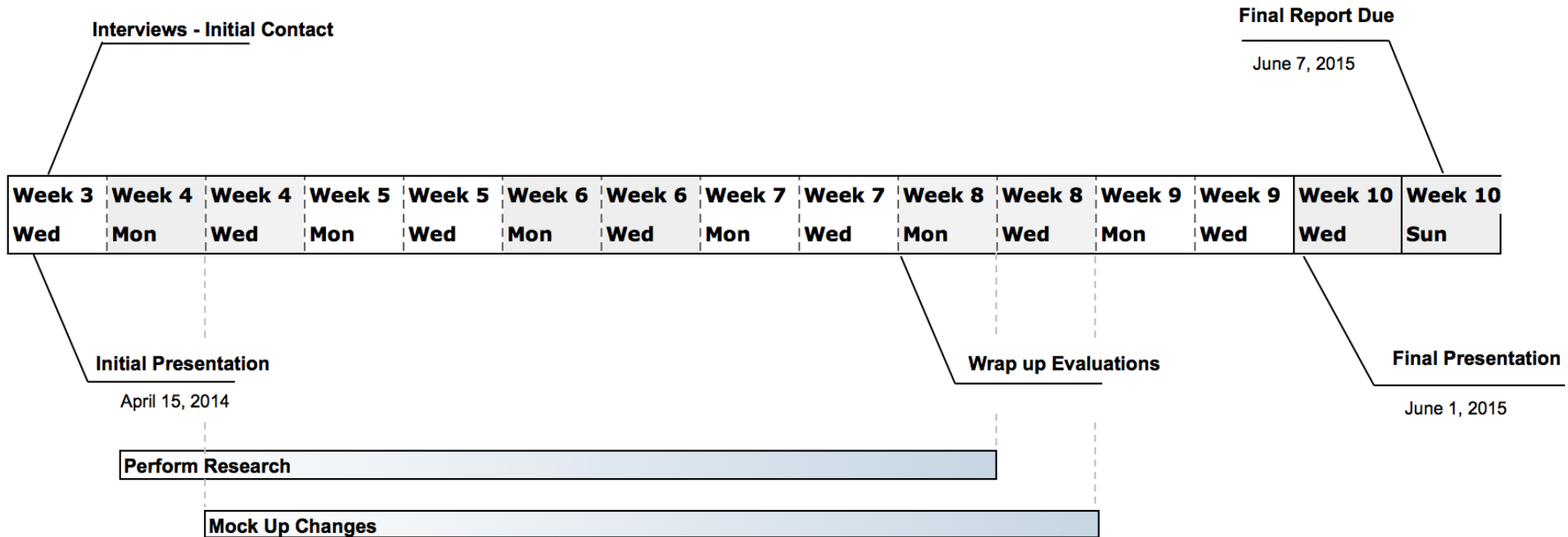
Phases of Our Research

- Usability testing and evaluation

- If problems found
  - redesign -> mock ups -> reevaluation

Contacting Users

- Initial contact - email
  - follow up email if not responding
- Schedule Interviews, Think Aloud Sessions, & Cognitive Walk throughs
  - meet somewhere on campus
  - no longer than 1 hour, depending on what method it is.

Time Plan

Interviews - Initial Contact

Final Report Due

June 7, 2015

Week 3 Wed	Week 4 Mon	Week 4 Wed	Week 5 Mon	Week 5 Wed	Week 6 Mon	Week 6 Wed	Week 7 Mon	Week 7 Wed	Week 8 Mon	Week 8 Wed	Week 9 Mon	Week 9 Wed	Week 10 Wed	Week 10 Sun

Initial Presentation

April 15, 2014

Wrap up Evaluations

Final Presentation

June 1, 2015

Perform Research

Mock Up Changes

Time Plan Legend

All - A

Emily Puth - EP

Alexia Bareno - AB

Madeleine Surjani - MS

Gurveen Sekhon - GS

Christopher Ries - CR

Time Plan

Week 3

- Initial Presentation [A]
- Create Interview Email Draft for Canvas-using Students [AB, MS, GS]
  - Send first 3 emails and follow up [GS]
- Set up Content via Instructor Account [AB, MS]
- Contact for Throwaway Student Accounts [AB]
- Write up Goals of this user study [A]
- Heuristic Evaluation [GS, EP, AB, MS]
- Create Interview Questions [A]

Week 4

- Cognitive Walkthrough [GS]
- Semi-structured Interviews w/ 1-3 Canvas-using Students [A]
- Update Interview Questions based on 1st set of Canvas Interviews [A]
- Create Think-Aloud Email Draft for Canvas-using Students [AB, MS]
  - Send 3 Emails and follow up [GS]

Time Plan

Week 5

- 1-5 Think Alouds []
- Semi-structured Interviews w/ 1-5 Canvas-using Students []
- Post-Interview/ThinkAloud Affinity Diagram of Problems students faced [A]
- Mockup Changes if needed []
- Email Wave 2 of interviewees []

Week 6

- Interviews Wave 2 []
- Mockup Changes if needed []
- Find 3-5 non-Canvas students []
  - set up interview times for week 7

Time Plan

Week 7

- non-Canvas Interviews []
- post-interview session []
- Mockups if necessary []

Week 8

- Wrap up Evals and Mockups []
- Update Ray and Kelsey on Findings []

Time Plan

Week 9

- Work on Final Report [A]
- Work on Presentation [A]

Week 10

- Final Presentation [A]
- Final Report [A]

THANK YOU!

Any questions?