

Web Page Project

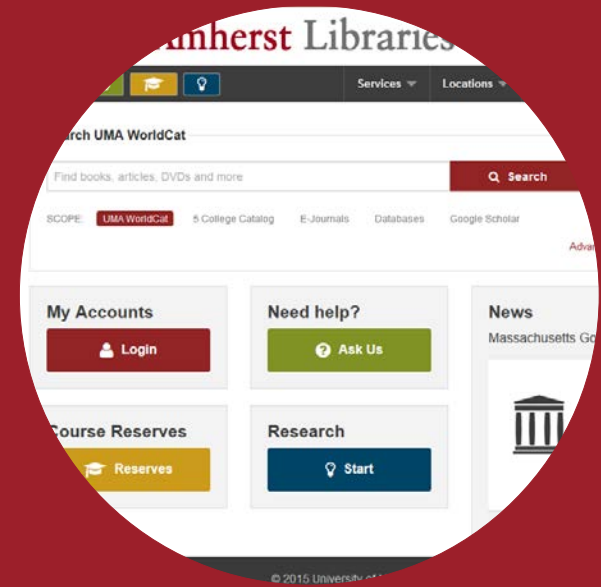
Introduction

Research

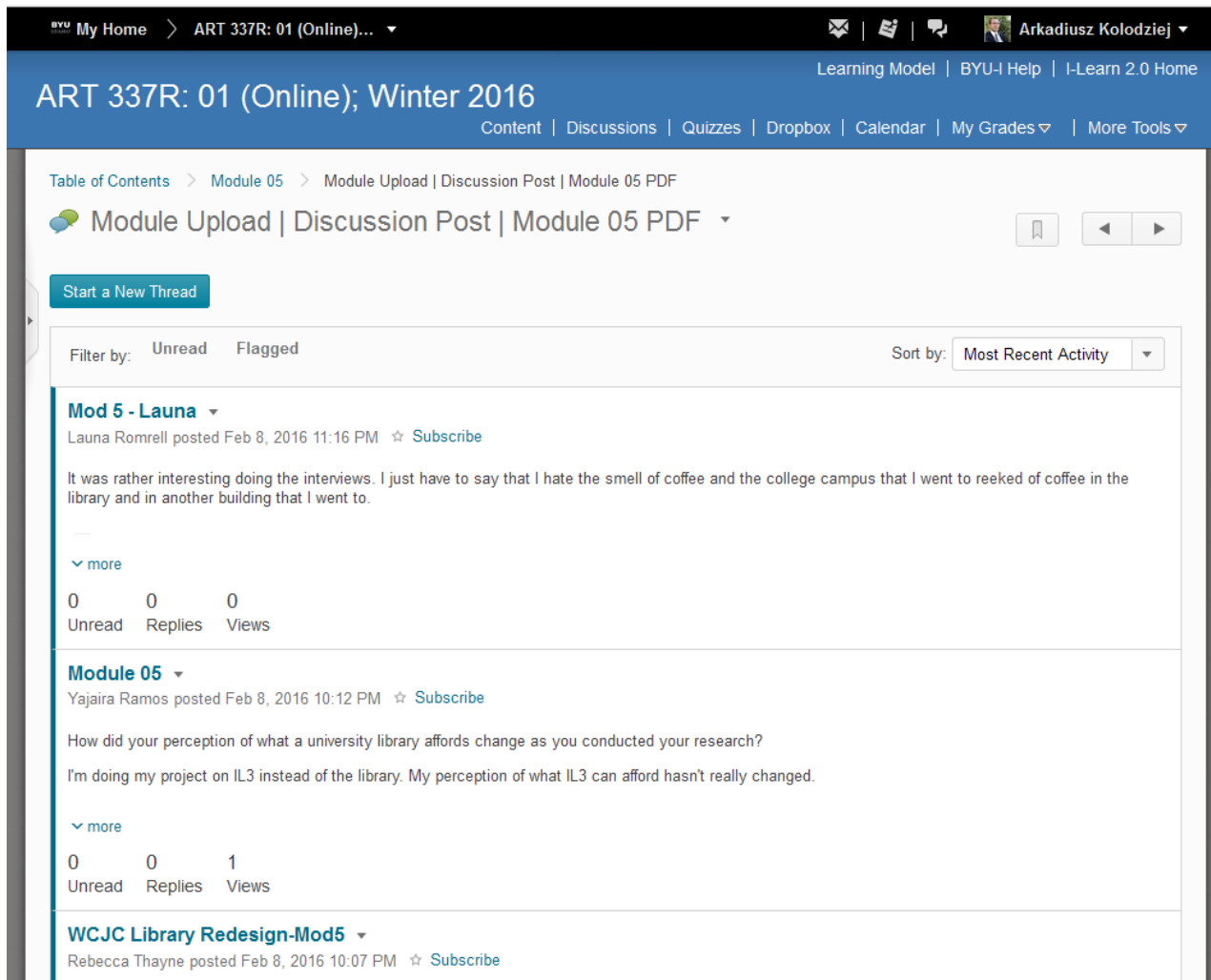
Prototype & Test

Wire Framing

Final App



Web Page | Introduction



Web Page Redesign Project.

Design the interface for a university library website.

Design the homepage, search results pages and three to five additional pages.

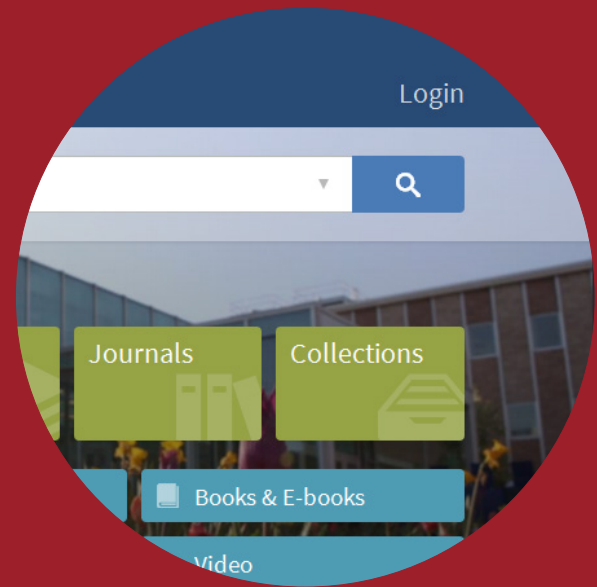
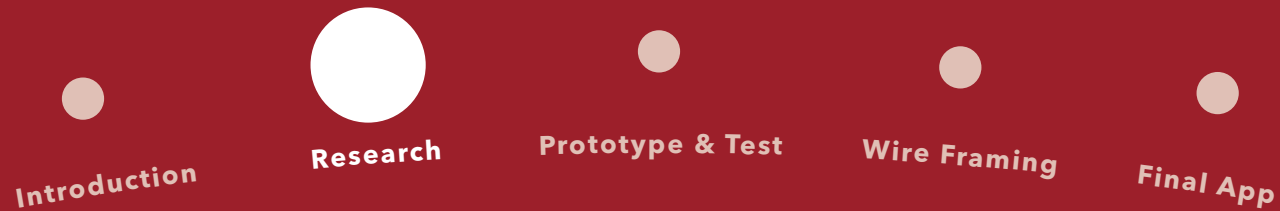
Develop desktop versions of these pages using responsive web principles.

Design for desktop monitor screen size.

Focus specifically on the search function and search results.

Although those are the expectations for the library page project, I will have to adapt those a bit as I chose the I-Learn 3 redesign for this one.

Web Page Project



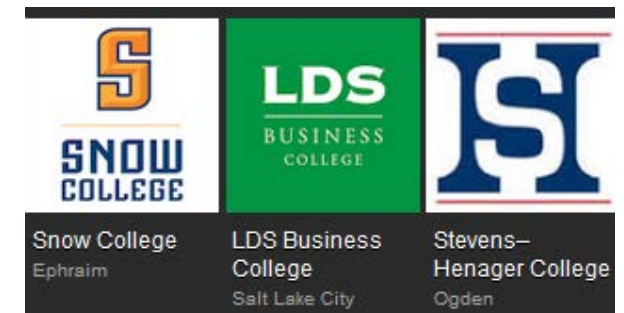
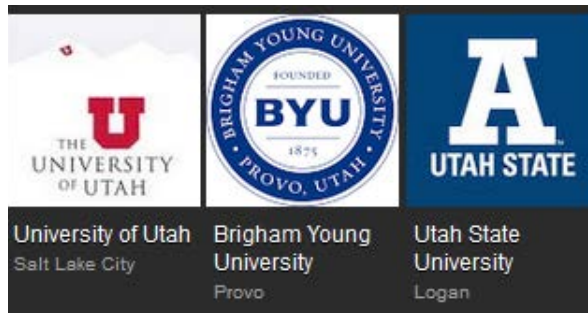
Web Page | Research

Universities Libraries

Academic libraries serve colleges and universities, their students, staff and faculty. Larger institutions may have several libraries on their campuses dedicated to serving particular schools such as law and science libraries. Many academic librarians become specialists in an area of knowledge and can have faculty status.

Academic libraries must determine a focus for collection development since comprehensive collections are not feasible. Librarians do this by identifying the needs of the faculty and student body, as well as the mission and academic programs of the specific college or university.

When there are particular areas of specialization in academic libraries these are often referred to as niche collections. These collections are often the basis of a special collection department and may include original papers, artwork, and artifacts written or created by a single author or about a specific subject.



Web Page | Research

Search Technology.

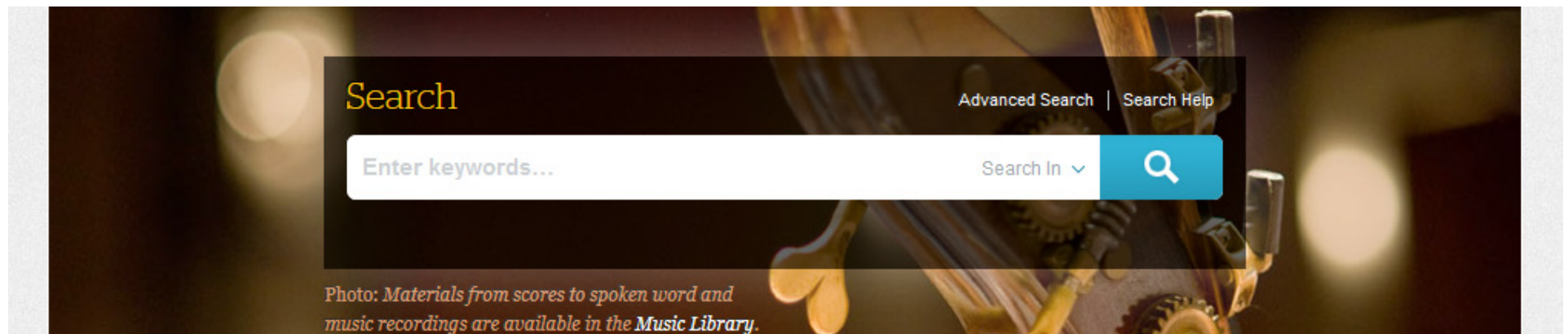
Research Guides by Subject: Subject guides are web resources designed by University of Chicago Librarians which provide an overview of resources in a subject area. They include staff contacts, print collections, electronic resources, as well as links to other relevant Web sites. Subject guides are a good place to start when you are beginning research on a specific topic. You can locate subject guides from our Database Finder page or go to our Web site and select Research Guides by Subject.

Google Search Console allows you to not only diagnose the problems on your site but also to report the actions you have taken to solve some of those problems directly to Google so there is a clearer understanding between you two.

Google Analytics gives you some of the most useful data that you are ever going to get about your visitors and traffic sources. It lets you track the way users access your site, what pages they enter into, where they exit, and all of the sources that drive traffic to your website.

The Google AdWords Keyword Planner gives you related terms, search volume, search trends, and ad cost estimates for any keyword. You can use the Keyword Planner to search based on words or phrases, based on a URL, or based on categories of keywords.

Soovle is a free tool which allows you to type in a search query and displays related search terms in real time as you type. These keywords come from a variety of sources and are ordered by popularity.



Search Functions | Research

By default the search engine tries to locate pages which have exact matches for all of the words entered in your search query. If that fails, it then tries to locate pages which contain any words in your search query. If that happens a short message is displayed at the top of the search results indicating this has been done. In addition, there are several ways to modify the default search behavior.

The search engine supports three types of phrase search.

- To match an exact phrase, use quotes around the phrase - Example: "free search engine"
- To match a near (within a couple of words) phrase, use square brackets [around the words] - Example: [free search engine]
- To match a far (within several words) phrase, use braces { around the words } - Example: {free search engine}

Other reasearch functions:

Wildcards

Boolean search

Check spelling

Use multiple words

Use similar words

Use appropriate capitalization

Use quotation marks

Use field searches

Advanced Search [Search](#) [Clear](#)

Select a database to search

The following databases will be searched:

[African American Newspapers](#)
[American National Biography Online](#)
[American Song - United States](#)
[AMS Journals](#)
[Annual Reviews](#)
[Banking Information Source](#)
[Biography and Genealogy Master Index](#)
[BioOne](#)
[Black Women Writers](#)
[Business Insights: Essentials](#)
[Business Source Complete](#)
[Classical Music Library - United States](#)
[CQ Almanac](#)
[CQ Researcher](#)

[Add / Remove databases >>](#)

Enter search terms in at least one of the fields below

Keyword:

Title:

Author:

Popular Limits (optional)

☐ Only return peer-reviewed articles

Narrow your search (optional)

Limit to:

Libraries Worldwide

Year:

 to:

e.g. 1971

e.g. 1977

Format:

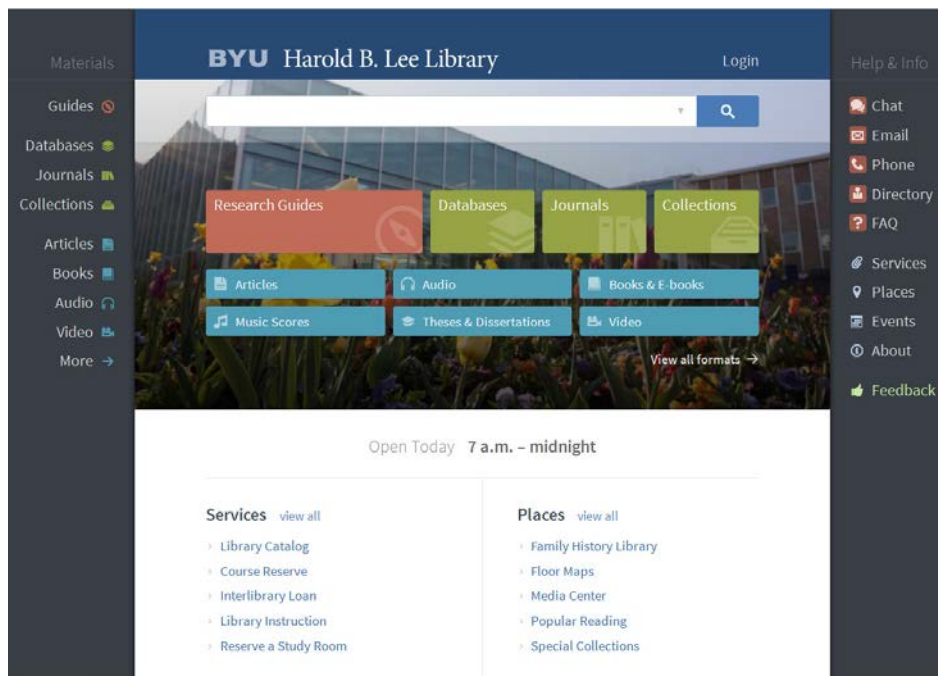
All Formats

Return only items in the format

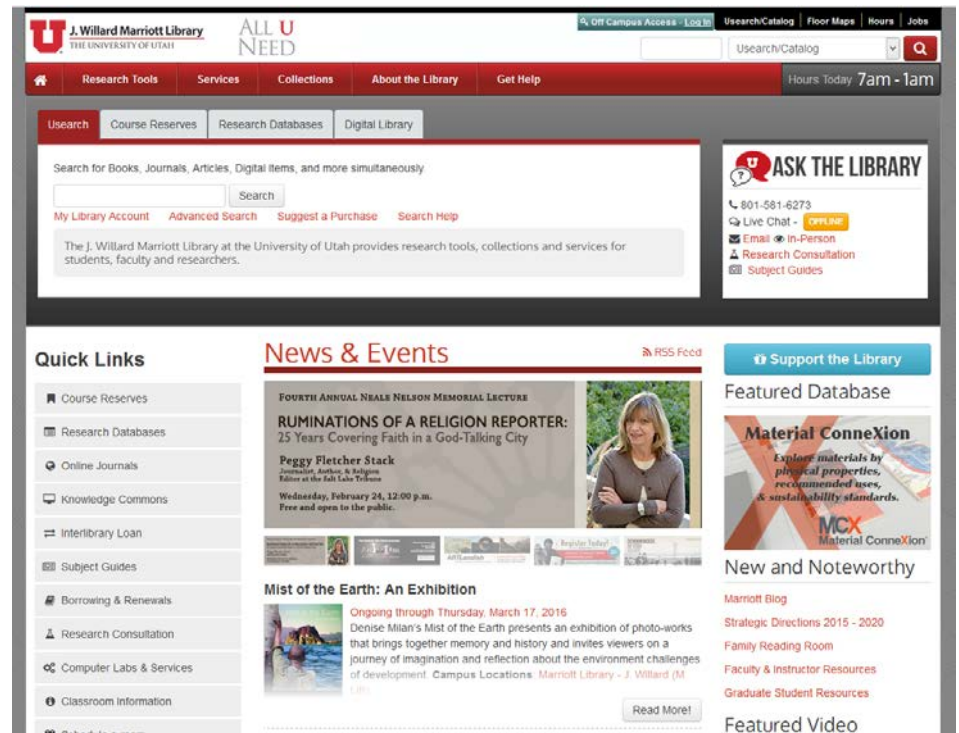
[Search](#) [Clear](#)

Interfaces | Research

I like the clean design of this search page.

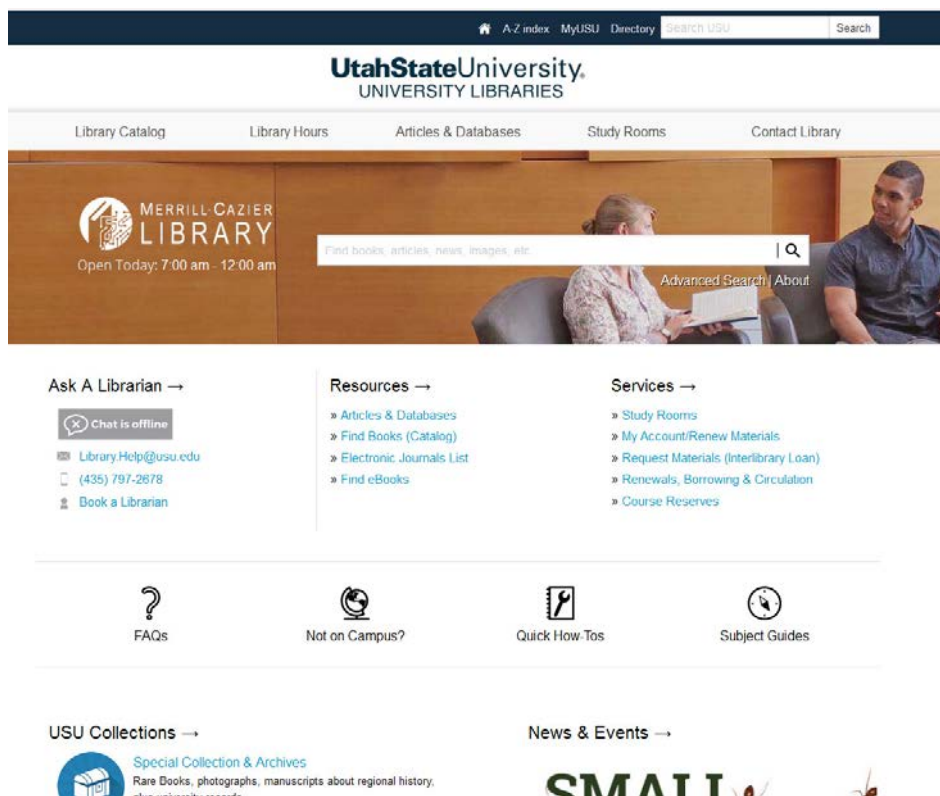


This one is quite busy and contain the information that students probably not even use.

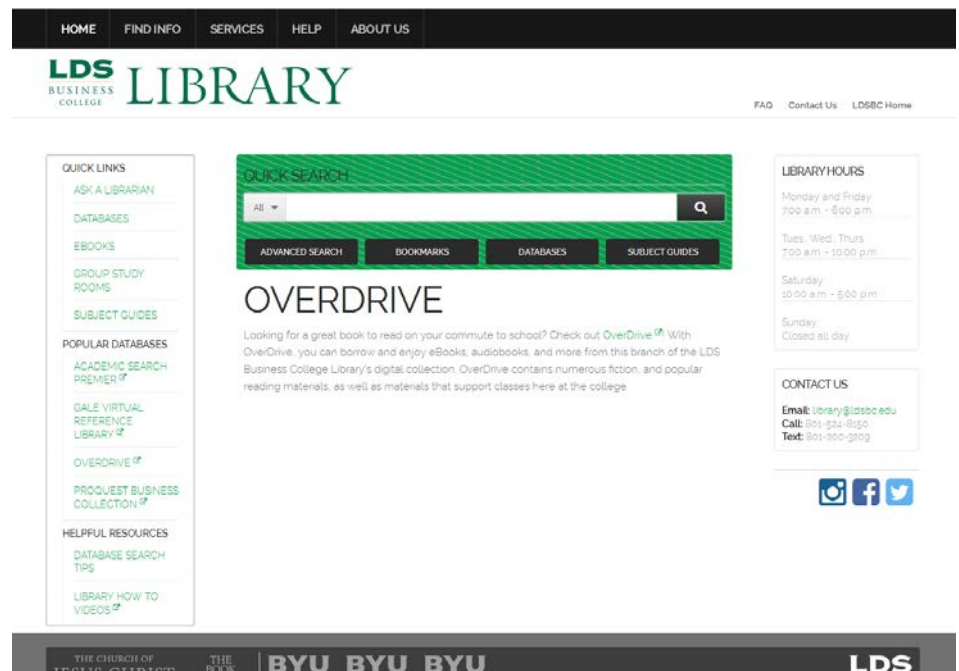


Interfaces | Research

I like the focus placed on the search bar by using the image background.



This one is pretty simple too and also focuses on the search bar.



Interviews | Research

Interviewee 1

What do you like about I-Learn 3?

I like the way quizzes are set up, minus the annoying false grading thing.

What is one thing that has been frustrating with I-Learn 3?

I have been frustrated with a lot of it but the main thing that frustrates me is how difficult it is to find assignments I need to complete and knowing which ones I have already completed.

What did you like in I-Learn 2 that is now different in I-Learn 3?

In I-Learn 2 all assignments were super easy to find. Everything was on one page and if you needed to complete an assignment you just have to click on the link and it will take you straight to that assignment. When the assignment is complete the item will go away.

What improvements would you suggest for I-Learn 3?

Less focus on the design and more on the user.

Have you used other Online learning environments? If yes, what did you like about those environments that you wish I-Learn 3 had?

no.

Any other comments?

Can we go back to I-learn 2

Interviews | Research

Interviewee 2

What do you like about I-Learn 3?

I like that you can move from one assignment to another using the arrows at the bottom of the page. This was confusing to me at first, but now I like that I have the option to move through them linearly without having to return back to the main page every time.

I like that the courses are organized in a way where all the instructions are in one location for a lesson, the submit locations are all group together. It makes it easy for me to locate where I need to submit my assignments.

I like that there is a class list. It is nice to be able to have access to email addresses and such for group projects.

I LOVE that it notifies me when someone responds to something I posted. That is one thing I Learn 3 got right with the discussion boards.

What is one thing that has been frustrating with I-Learn 3?

Quizzes have had issues in a few of my classes. Also, I never know where to find the news for my classes unless I click on it through the link provided in the notifications bar in the top right.

I'm not crazy about the discussion boards. While the interface for them looks better, I hate not knowing when someone has posted something unless I have subscribed to that feed. It is really frustrating. I missed some important information in the beginning of the semester because of this. The instructor would respond to a student's question, and I did not even know to look for an answer to the question.

What did you like in I-Learn 2 that is now different in I-Learn 3?

I liked that there was one location with all my upcoming assignments. Because I access I Learn 3 through the links from the I Learn student dashboard from I Learn 2, I never go to the home page in I Learn 3. I automatically go to the page for a specific class.

What improvements would you suggest?

I would change the discussion board format. It was much easier to just drop down the discussion rather than move into a new view.

Have you used other online learning environments? If yes, what did you like about those environments that you wish I-Learn 3 had?

No.

Any other comments?

Nope.

Interviews | Research

Interviewee 3

What do you like about I-Learn 3?

I like the progress bar that lets you see how much you have left to do for the class for the week. I like that the assignments drop off the calendar once you have submitted them. I know the progress bar kind of makes that need for that void, but I really like being able to look at the homepage and see what is due that day/week and then having it disappear once its done. It's like a to-do list, makes me feel accomplished when I knock something off the viewer.

What is one thing that has been frustrating with I-Learn 3?

Quiz issues ;) not having things organized the same way. In 2.0 I can edit a post, I couldn't figure out how to do that just now? I wanted to edit, but I haven't used another online learning environment and I don't know how.

What did you like in I-Learn 2 that is now different in I-Learn 3?

I REALLY like being able to review tests and quizzes after the fact, even days later, to see questions missed and to use as a study tool. I also like the way the grades display the percentages and not just a letter grade, and that you can see instructor comments right there, you don't have to go into your grades and look for the assignment.

Discussion boards are still confusing to me. In 2.0 you can see everyone post and replies. And you can easily get to and from other content. In 3.0 I still haven't figured out how to comment on someone's post and then get back to seeing ALL the posts without completely exiting the discussion board.

What improvements would you suggest?

For sure change the discussion board format.

Have you used other online learning environments? If yes, what did you like about those environments that you wish I-Learn 3 had?

Nope.

Any other comments?

Nope.

My notes about I-Learn 3

- Not possible to see the test's results after closing it. //it is not easy to find it
- Confusing discussion board
 - o Cannot quickly scan replays to posts like in I-Learn 2

It is possible to scan main post, but it takes a lot of time to take a look at the replays, plus the links to the topic are taking the user to the assignment/content page

- Final note forecast is kind of unclear – I cannot tell whether improving is possible, and 'what if' calculator is missing (it was in I-Learn 2)
- Read/Take quiz/Instruction page is kind of hard to work with because contain instructions for all of the weeks, thus require a lot of scrolling to the right week. Could you imagine the instructions for the week close to the end of the semester?
- Can't edit uploaded directly to the post images, or cannot find the editing tools should they exist. That feature was very useful in I-Learn 2 to control appearance of the image in the post.

Web Project

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Persona | Prototype & Test



Tom Brand.

24 years old, finishing his degree in IT.

Tom is at the beginning of the carrier in decent IT company. After several years of college, he accumulated significant amount of debt which he is determined to pay off now. He needs a way to control amounts and dates of payments. tom is also interested in an app that helps him to set the appropriate strategy to deal with his debt while he will provide for his basic needs.



Kim Kwon

20, Computer Science major.

Kim uses computer technology extensively. She knows a lot about, but this also brings high expectations from both, hardware and software she uses. She prefers minimalistic design and great user experience.



Martiza Coates

21, Public Administration major

Martiza has quite busy life. She has part time job, participate in volunteer program, and she is on the middle of her degree. With all this things, she relies a lot on mobile devices, regularly using her tablet to do the assignments.

Scenarios | Prototype & Test

Scenario 1

You need to log into your I-Learn3 to do this week's assignments. Find current semester (Winter 20016) end and ART337R class, then go to that page.

Scenario 2

In order to succeed with your studies you must check regularly the announcements and keep up with your schedule.

You have to go to the class page and open the latest announcement.

Scenario 3

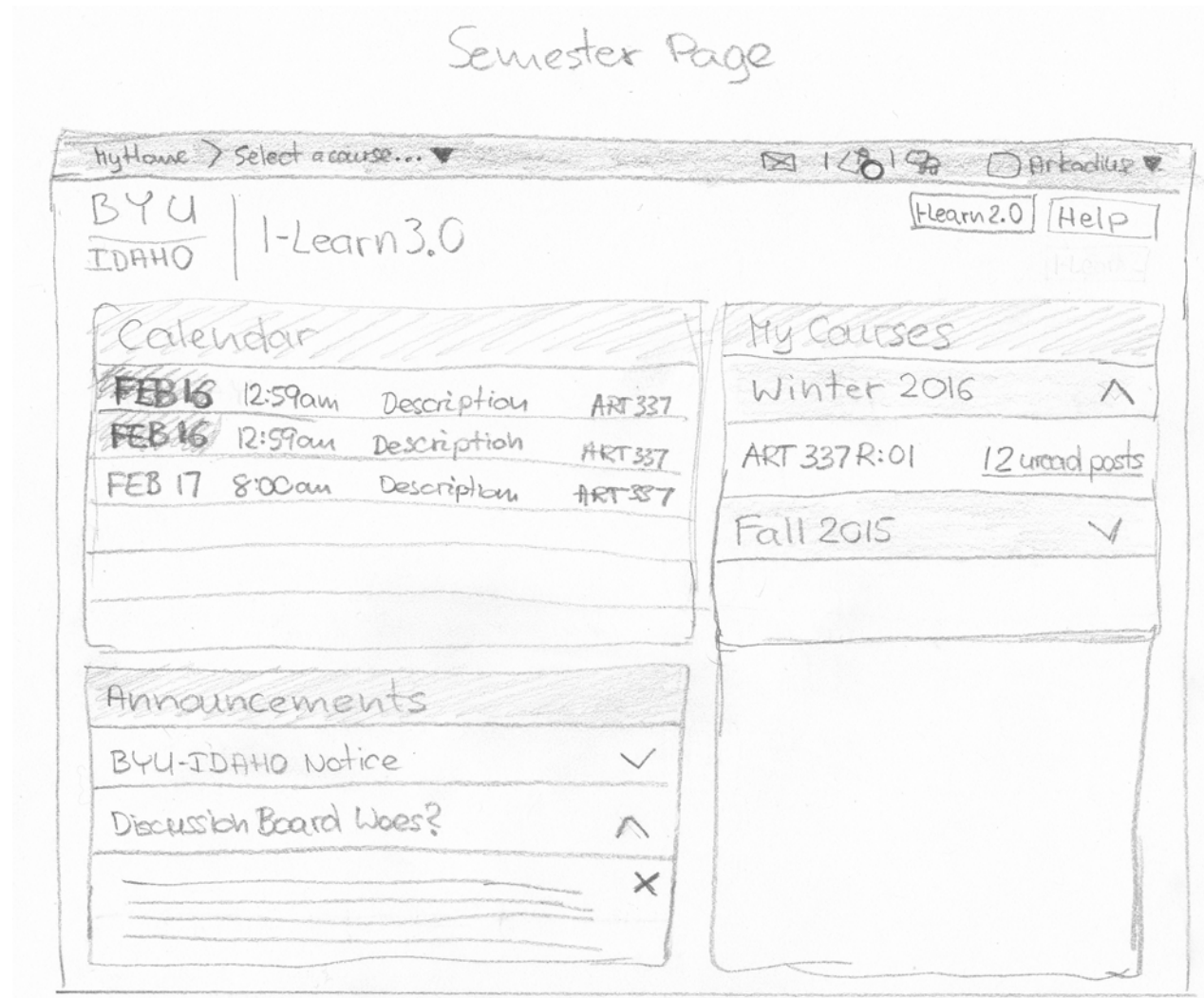
Discussion boards are an important part of the online learning.

You have to go to the discussion board and respond to the post.

Sketches | Prototype & Test

Tests

This page was pretty straight forward, but the task wasn't too complicated either. I had a couple of suggestions such as placing dates into the announcement's headers and include grades window on this page.

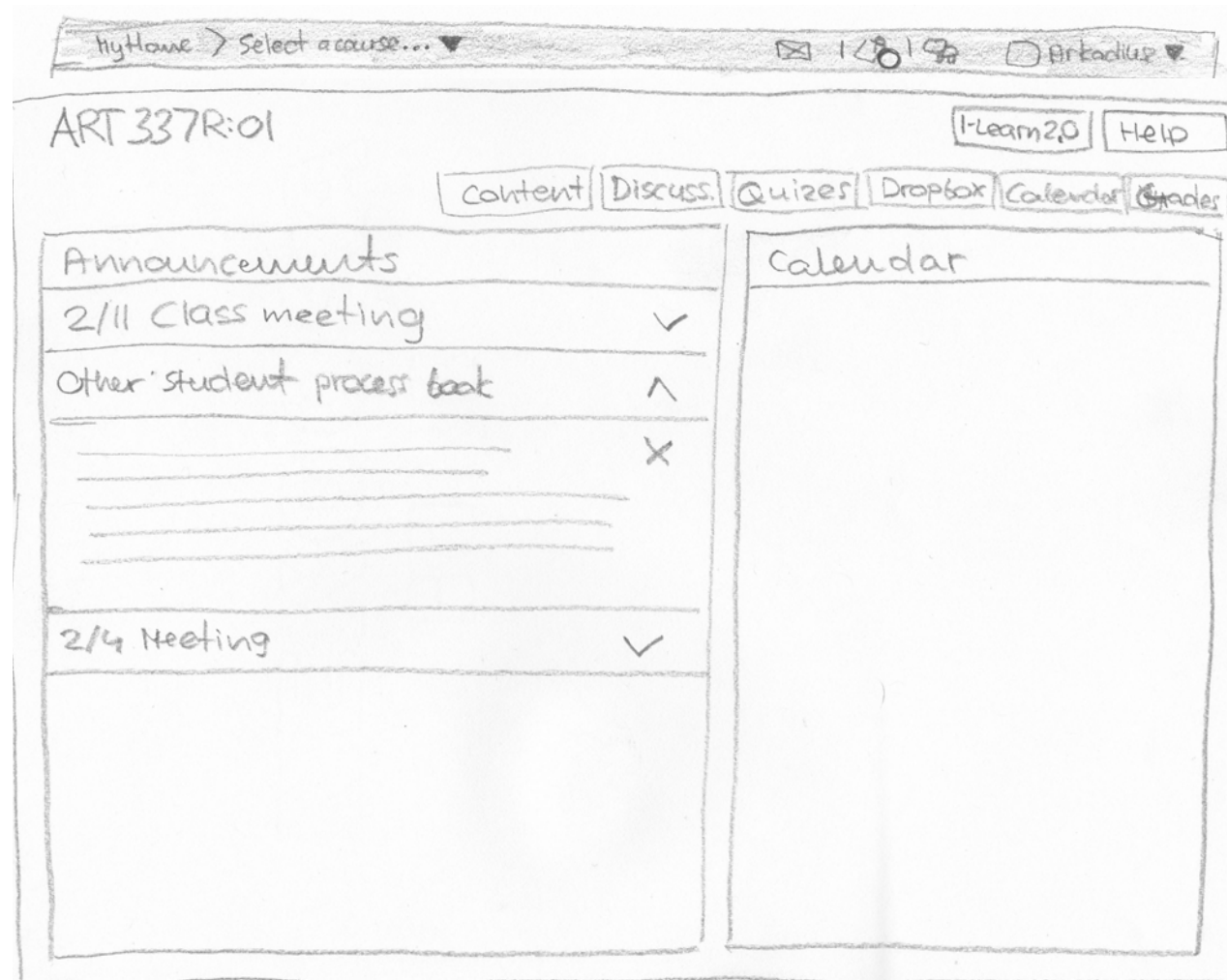


Sketches | Prototype & Test

Tests

Again here there was no major problems, but there was no date to confirm which post was the latest. This will be something to add when I get to the digital sketches.

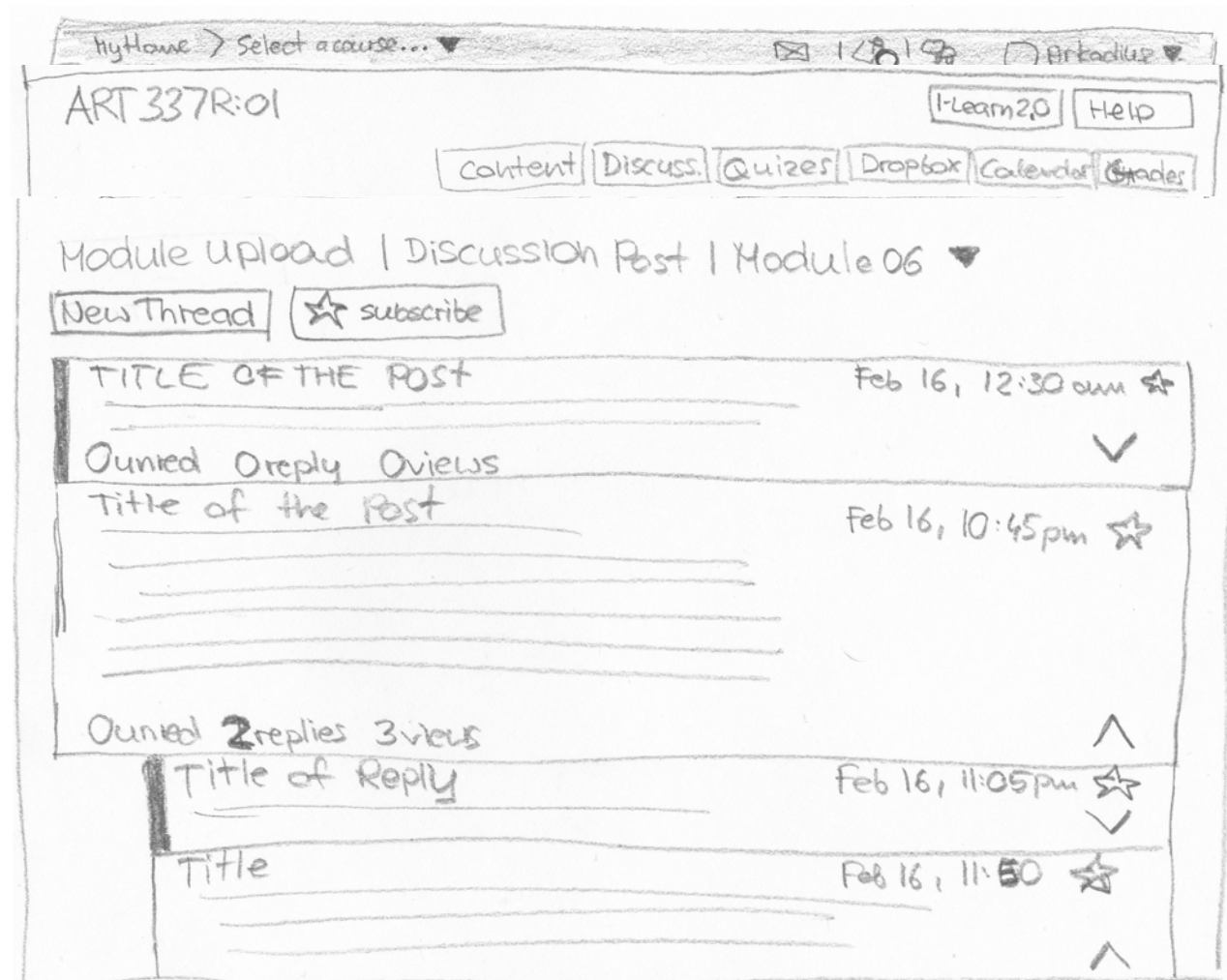
I was thinking to add the grades table for this specific class here.



Sketches | Prototype & Test

Tests

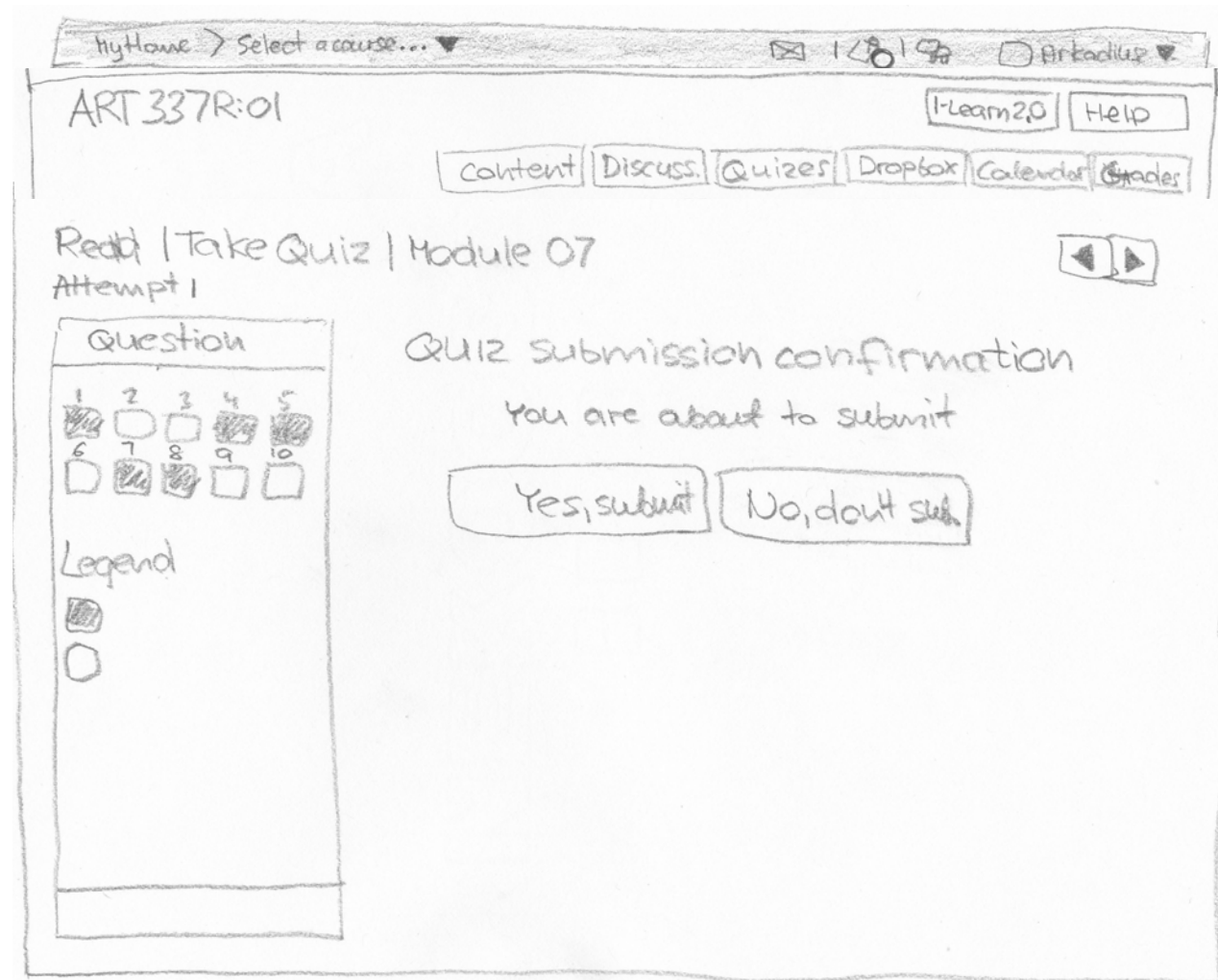
The major problem here was lack of the button to reply to the post. There is a button to add one, but I overlooked the one for replies. Moreover, the control buttons are spread all over the window, so the suggestion was to group them somehow.



Sketches | Prototype & Test

Tests

I wasn't fully ready to test this page, but I wanted to improve the way how the quizzes are submitted. The main problem was that there is a lot of confirmation before the assignment is actually submitted. I believe that most of the steps could be skipped without affecting the process.



Web Project

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BYU
IDAHO

I-Learn 3.1

ART 337R 01 ▼

Module

Overview

Announcements ▼

Module 01



Digital Sketches | Prototype & Test

Tests of the Main Page

Testers easily navigated to the desired destinations. I had some observations that the icons have no additional explanations and the user might not know what they are for at first. After thinking about the issue, I decided that they are not so many to be impossible to memorize their use.

The screenshot displays the I-Learn 3.1 user interface. At the top, the BYU-Idaho logo is on the left, followed by the text 'I-Learn 3.1'. To the right are three circular icons: an envelope, a speech bubble, and a list. Further right are links for 'Courses', 'Assignments', 'Alerts', and 'Tools'. Below this header, the interface is divided into several sections. On the left, a 'My Courses' sidebar lists 'I-Learn 3.1' and 'I-Learn 2.0' with expand/collapse arrows, and a list of courses with their completion percentages (e.g., ART 337R 01 at 100%, CIT 336 03 at 42%). The main area contains a 'Calendar' section with a 'Past Due' list of upcoming assignments and a 'Grades' section with a list of grades. At the bottom, an 'Announcements' section features three notices: 'BYU-Idaho Notice', 'Discussion Board Woes? Try this.', and 'Welcome to Winter 2016'. Each announcement has a close button (X) in the top right corner.

BYU IDAHO | I-Learn 3.1

Courses Assignments Alerts Tools

My Courses I-Learn 2.0 Home

Archive ▼

I-Learn 3.1 ▲

ART 337R 01 (Online); Winter 2016 100%

ART 337R 01 (Online); Winter 2016 89%

I-Learn 2.0 ▲

CIT 336 03 (Online); Winter 2016 42%

B 250 02 (Online); Winter 2016 100%

Calendar Schedule

Past Due ▼

FEB 24 11:59 PM Ads and Ad Groups Discussion Board B 250 02

FEB 27 11:59 PM Bi-Weekly Survey B 250 02

FEB 24 11:59 PM Ads and Ad Groups Discussion Board B 250 02

FEB 24 11:59 PM Ads and Ad Groups Discussion Board B 250 02

FEB 24 11:59 PM Ads and Ad Groups Discussion Board B 250 02

FEB 24 11:59 PM Ads and Ad Groups Discussion Board B 250 02

FEB 24 11:59 PM Ads and Ad Groups Discussion Board B 250 02

Grades What if calculator

Ads and Ad Groups Discussion Board B 250 02 100%

Project #2: Website Creation B 250 02 100%

Weekly Reflections B 250 02 100%

Forum Participation CIT 336 03 100%

Chapter 5 Enhancements CIT 336 03 0%

Ads and Ad Groups Discussion Board B 250 02 89%

Ads and Ad Groups Discussion Board B 250 02 100%

Announcements Archive

BYU-Idaho Notice

BYU-Idaho would like to make you aware of the following: BYU-Idaho is committed to providing a working and learning atmosphere that accommodates qualified persons with disabilities. If you have a disability and require accommodations, please contact the Disability Services Office (208) 496-9210. Reasonable academic accommodations are reviewed for all students who have qualified documented disabilities. Services are coordinated with the students and instructor by the Disability Services Office.

Discussion Board Woes? Try this.

Are you struggling with discussion boards? We've heard from a number of you who are. Here is something that may help. Students who have switched Grid View have said that it is much easier to navigate and participate. Here are instructions for switching your default view. The tutorial also shows how to track your participation so you know how many posts and replies you have made in User Progress.

Welcome to Winter 2016

Welcome to the new Learning Management System, I-Learn 3.0. During the Winter semester you may have classes in two systems, I-Learn 2.0 (BrainHoney) and I-Learn 3.0 (Brightspace). For help navigating between the two systems, please review this tutorial. Starting in the Fall 2016 semester, all classes at BYU-Idaho will be offered in I-Learn 3.0. To help you during the transition, please note these 5 tips for a successful semester.

[Read more...](#)

Digital Sketches | Prototype & Test




Tests of the Course Page

Content page was clear to understand as well. I had questions about some functionalities that were available in both I-learns, but are not here. I explained that this is limited functionality prototype, but it still has all the necessary features.

Another observation was to not be able to scan other weeks' folders without going out of the page.

BYU
IDAHO

I-Learn 3.1



Other Courses Content Discussions Calendar Grades

ART 337R 01 ▾	Module 07 <div>74.58%</div>
Overview	Read and Complete Module 07 Overview <input checked="" type="checkbox"/>
Announcements ▾	Questions and Conversations <input checked="" type="checkbox"/>
Module 01 <input checked="" type="checkbox"/>	
Module 02 <input checked="" type="checkbox"/>	Read Take Quiz Module 07 - Directions <input checked="" type="checkbox"/> <small>Due February 24 at 8:00 AM</small>
Module 03 <input checked="" type="checkbox"/>	Read Take Quiz Module 07 <input checked="" type="checkbox"/>
Module 04 <input checked="" type="checkbox"/>	Module Upload Discussion Post Module 07 PDF - Directions <input checked="" type="checkbox"/>
Module 05 <input checked="" type="checkbox"/>	
Module 06 <input checked="" type="checkbox"/>	Module Upload Discussion Post Module 07 PDF <input type="checkbox"/> <small>Due February 24 at 8:00 AM</small>
Module 07 <input checked="" type="checkbox"/>	Module 07: Submissions <input type="checkbox"/> <small>Overdue - 12 hours ago!</small>
Module 08 <input type="checkbox"/>	
Module 09 <input type="checkbox"/>	
Module 10 <input type="checkbox"/>	
Module 11 <input type="checkbox"/>	
Module 12 <input type="checkbox"/>	
Module 13 <input type="checkbox"/>	
Module 14 <input type="checkbox"/>	

Digital Sketches | Prototype & Test

Tests of Discussion Board

Tests showed that it is clear and very understandable interface. Questions that I had were about edit and delete posts, but I will have to design another page to display those.

The screenshot displays the I-Learn 3.1 interface for the course ART 337R 01. The top navigation bar includes the BYU IDAHO logo, the course name "I-Learn 3.1", and icons for email, chat, and a menu. A secondary navigation bar contains links for "Other Courses", "Content", "Discussions", "Calendar", and "Grades". The main content area is titled "Discussion Post | Module 07". On the left, a sidebar lists navigation options: "New Thread" (highlighted in orange), "Questions & Conversations", "Ice Breaker", "Intro to Interaction", and "Modules' Discussions". The main area shows a list of discussion posts. The first post is titled "Module 07" by Arkadiusz Kolodziej, dated Feb 23, 2016 1:05 PM, with 0 unread, 0 replied, and 0 views. The second post is titled "Module 07 Submission" by Name Surname, dated Feb 23, 2016 1:05 PM, with 2 unread, 3 replied, and 7 views. Both posts have a preview text: "My users care most about using the database functionality of the site. This is front and center on the home page with a big button labeled 'databases.' This way they can search databases from the home page, something they cannot currently do." Below the second post, there are two more posts, both titled "Module 07" by Arkadiusz Kolodziej, dated Feb 23, 2016 1:05 PM, with 0 unread, 0 replied, and 0 views. Each post has a preview text: "My users care most about using the database functionality of the site. This is front and center on the home page with a big button labeled."

Web Project

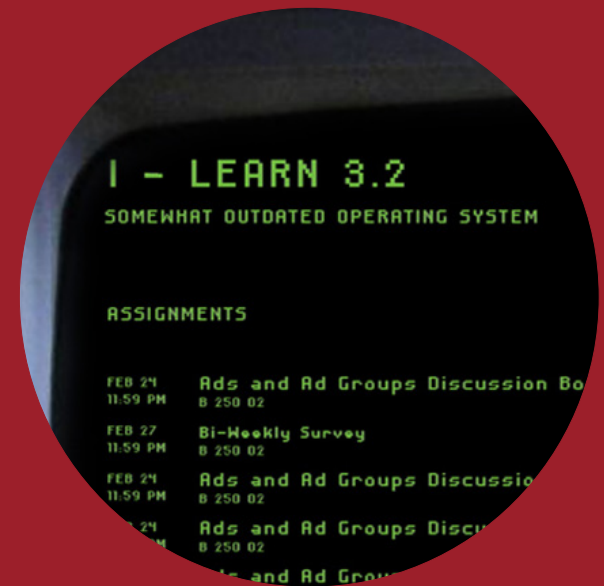
●
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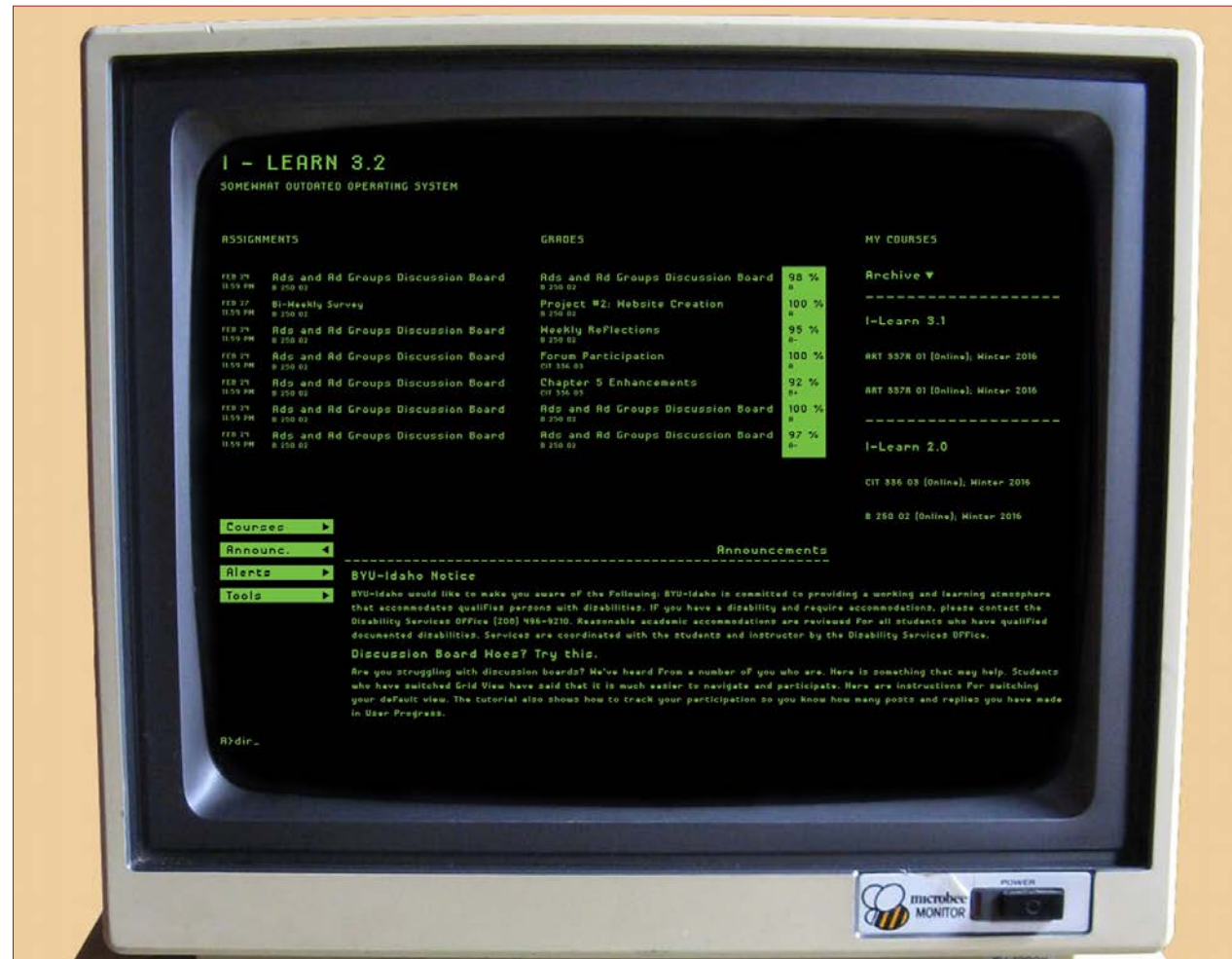
●
Final App



I-Learn 3.0 Redesign | Final Web

Inspirations

While I was researching and looking for inspirations, I remembered the first screens I ever saw in my life. I reflected on development of the technology in the last couple of decades. I thought it would be a good idea to remind that.



I-Learn 3.0 Redesign | Final Web

BYU IDAHO | I-Learn 4.1 ART 337R 01 (Online); Winter 2016

New Mail New Post New Message

Module 02
Module 03
Module 04
03 Module 05
Download Module 06
10 Module 07
09 Module 08
12 Module 09
09 Module 10

Read and Complete | Module 07 Overview
Questions and Conversations
Read | Take Quiz | Module 07 - Directions
Read | Take Quiz | Module 07
Module Upload | Discussion Post | Module 07 PDF - Directions
Module Upload | Discussion Post | Module 07 PDF
Module 07: Submissions
Overdue - 12 hours ago

74.58%

02 (Online) Winter 2016 B 230
03 (Online) Winter 2016 OT 336
ART 337R
Calendar
Grades A+

BYU IDAHO | I-Learn 4.1 Winter 2016 (Online)

New Mail New Post New Message

FEB 24 11:59 PM ART 337R Read and Complete | Module 07 Overview
FEB 24 11:59 PM ART 337R Questions and Conversations
FEB 24 11:59 PM ART 337R Read | Take Quiz | Module 07 - Directions
FEB 24 11:59 PM B 250 02 Ads and Ad Groups Discussion Board
FEB 24 11:59 PM B 250 02 Bi-Weekly Survey
FEB 24 11:59 PM ART 337R Module Upload | Discussion Post | Module 07 PDF - Directions
FEB 24 11:59 PM ART 337R Module Upload | Discussion Post | Module 07 PDF
FEB 24 11:59 PM OT 336 03 Module 07: Submissions
FEB 24 11:59 PM B 250 02 Ads and Ad Groups Discussion Board
FEB 24 11:59 PM OT 336 03 Bi-Weekly Survey

Assignments

02 (Online) Winter 2016 B 230
03 (Online) Winter 2016 OT 336
Home
Calendar
Grades A+

BYU IDAHO | I-Learn 4.1 Quiz Module 07

New Mail New Post New Message

Question 1
Question 2
Question 3
Question 4
Submit
Question 6
Question 6
Question 7
Question 8
Question 9

When encountering an interface for the first time we need to figure out _____.
A) What to do and where to do it
B) All that the interface affords
C) What metaphors the designer employed while developing the interface
D) Where constraints have been established
E) How to receive feedback

Module 05
Module 06
07
Module 08
Module 09
Save

BYU IDAHO | I-Learn 4.1 Quiz Module 07

New Mail New Post New Message

Question 1
Question 2
Question 3
Question 4
Submit
Question 6
Question 6
Question 7
Question 8
Question 9

Are you sure to submit quiz?
Check all your answers.
All answers will be automatically saved after submitting the quiz.
Back Submit

Module 05
Module 06
07
Module 08
Module 09
Save

I-Learn 3.0 Redesign | Final Web

Final Design

I decided to go over the project and create something completely new.

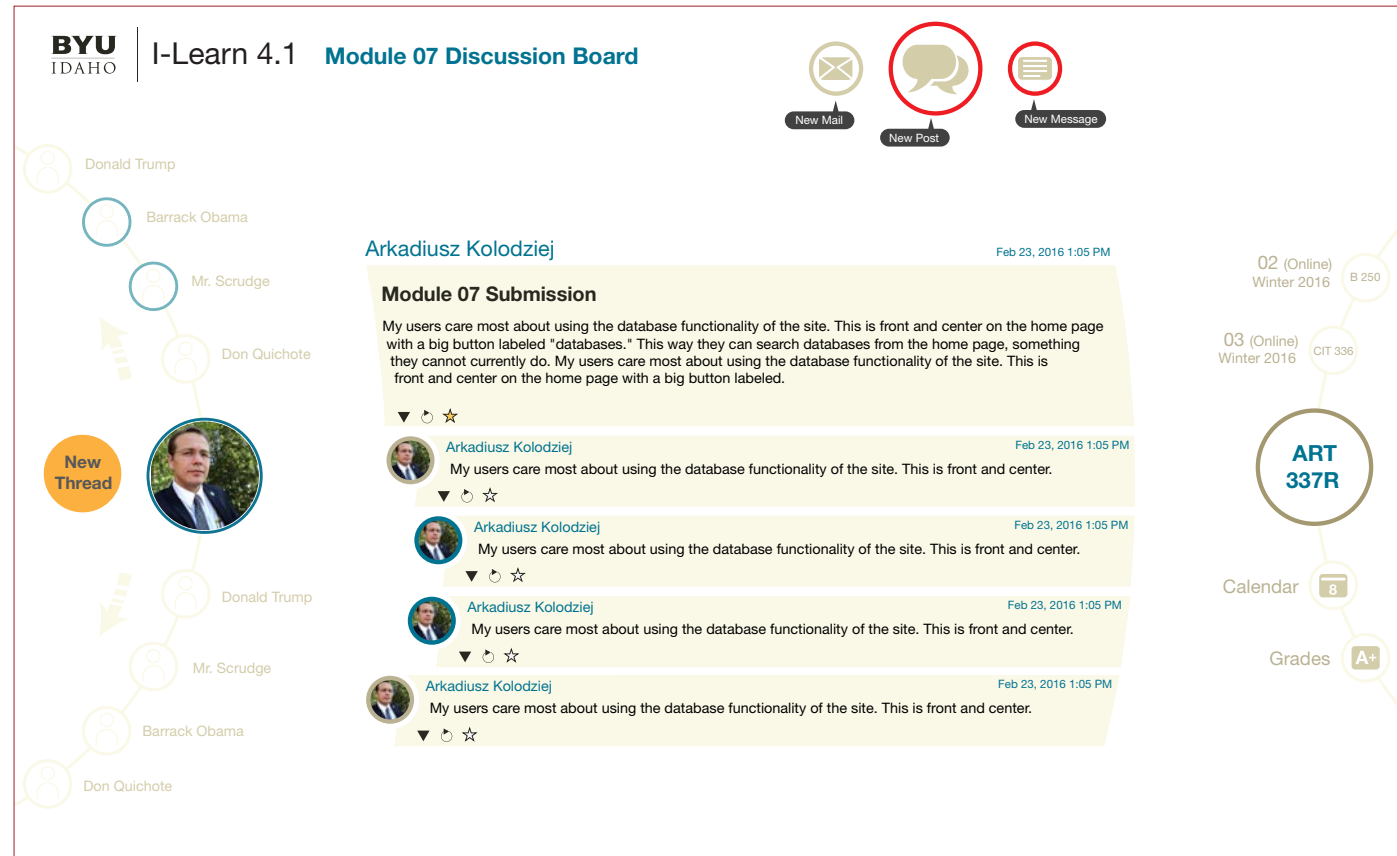
Although it's not totally new design, as some element might look familiar, I tried to create better navigation and layout that focus on the most important task at hand.

Affects of User Testing

I didn't have to much time to test the new version enough to polish all of the details, but it was done.

As a result, I found out that the new navigation system is something that will take some time to get to used to. Problems derived from mistakenly placed pieces of navigation (like in this screen, right navigation should be level down), but this is something easy to correct.

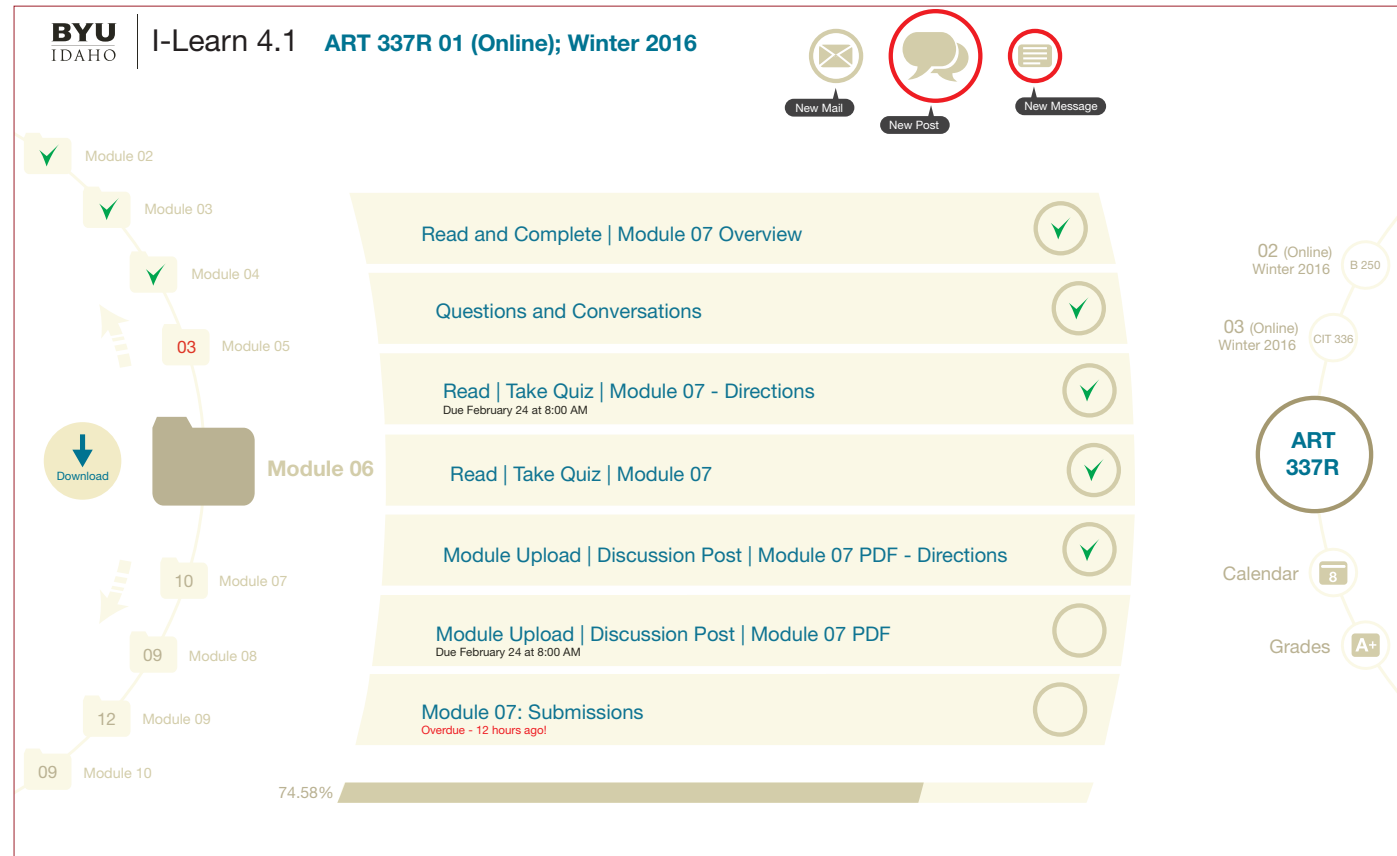
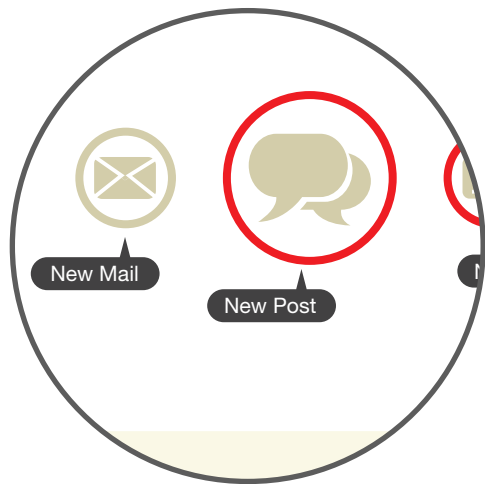
Moreover, user testing reveald that the design could benefit with additional features like edit button for discussion board. All of those details could be adjusted in the next iteration phase.



I-Learn 3.0 Redesign | Final Web

Final Design

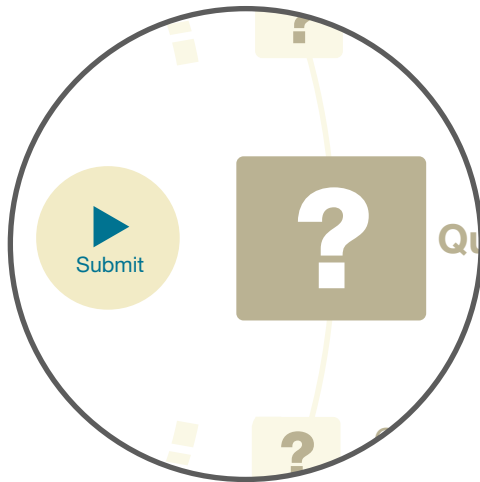
The icons have their description showing up while hovered.



I-Learn 3.0 Redesign | Final Web

Final Design

The most important part of the navigation is always emphasize and in the same place on the pages.



BYU IDAHO | I-Learn 4.1 Quiz Module 07

New Mail New Post New Message

Question 1 Question 2 Question 3 Question 4

Submit

Question 6

Question 6 Question 7 Question 8 Question 9

When encountering an interface for the first time we need to figure out ____ .

A) What to do and where to do it

B) All that the interface affords

C) What metaphors the designer employed while developing the interface

D) Where constraints have been established

E) How to receive feedback

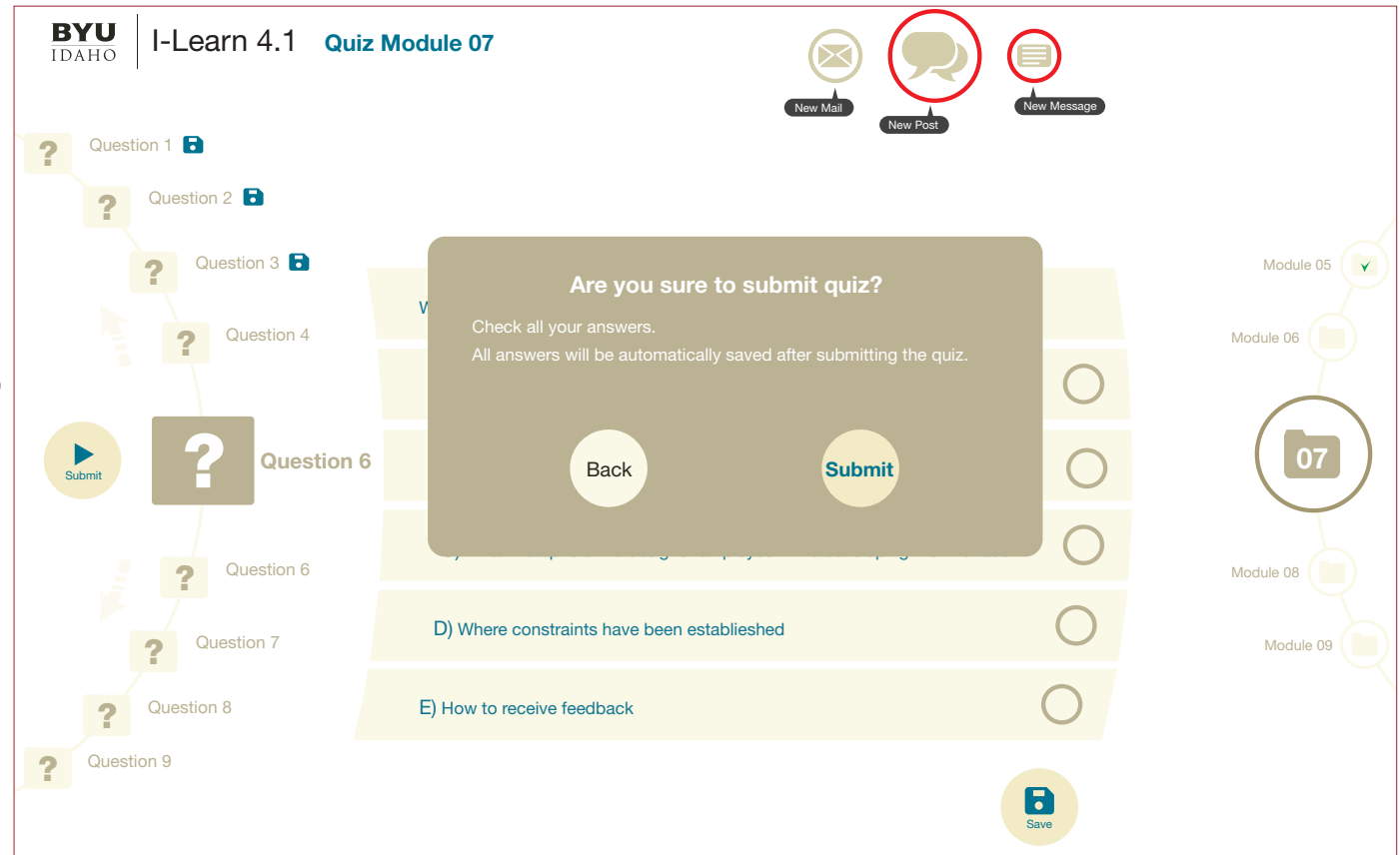
Save

Module 05 Module 06 07 Module 08 Module 09

I-Learn 3.0 Redesign | Final Web

Final Design

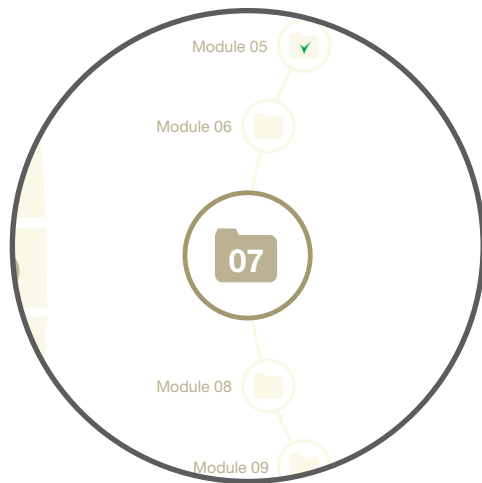
I simplified the submission process to couple of clicks, giving the user warning to check the work.



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Final Design

I designed circular navigation and placed one with greater detail on the left side and another more general on the right side.



BYU IDAHO | I-Learn 4.1 Winter 2016 (Online)

New Mail New Post New Message

Assignments

- FEB 24 11:59 PM** Read and Complete | Module 07 Overview ART 337R
- FEB 24 11:59 PM** Questions and Conversations ART 337R
- FEB 24 11:59 PM** Read | Take Quiz | Module 07 - Directions ART 337R
- FEB 24 11:59 PM** Ads and Ad Groups Discussion Board B 250 02
- FEB 24 11:59 PM** Bi-Weekly Survey B 250 02
- FEB 24 11:59 PM** Module Upload | Discussion Post | Module 07 PDF - Directions ART 337R
- FEB 24 11:59 PM** Module Upload | Discussion Post | Module 07 PDF ART 337R
- FEB 24 11:59 PM** Module 07: Submissions CIT 336 03
- FEB 24 11:59 PM** Ads and Ad Groups Discussion Board B 250 02
- FEB 24 11:59 PM** Bi-Weekly Survey CIT 336 03

02 (Online) Winter 2016 B 250

03 (Online) Winter 2016 CIT 336

Home

Calendar 8

Grades A+

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This is a part of detailed navigation.

