

Reimagining MyCourses

ETHELIA LUNG – FALL 2016

BRIEF

An intuitive online course and task management tool that encourages streamlined collaboration, and enhances student-faculty engagement in an innovative higher education private institution.

PROBLEM

RIT is a community of career-oriented students, and there is a need to get students to engage and get better results using an efficient course management tool.

GOALS

1

Streamlined Access

Improve navigation systems to provide intuitive access to content viewing and assignment submission.

2

Faculty Engagement

Prepare guidelines and incentives to assist faculty in consistently and successfully utilise the educational platform.

3

Updated Aesthetics

Design the web application platform to enhance the user experience on different devices.

4

Collaborative Environment

Encourage and facilitate communication between students and faculty through discussion interfaces.

RESEARCH

1

Faculty Inconsistency

Many respondents cited a lack of faculty engagement as a pain point, namely in updating content and grades. **40% of students** suggested that faculty should be mandated to post grades and feedback.

I understand that keeping it updated on content and deadlines all the time can be difficult, but faculty should at least be **mandated to upload grades** on mycourses.

2

Accessibility Hindrances

Accessing course content is inefficient – The most common impeding features mentioned were to do with accessing content through **navigation systems** and on **different devices**.

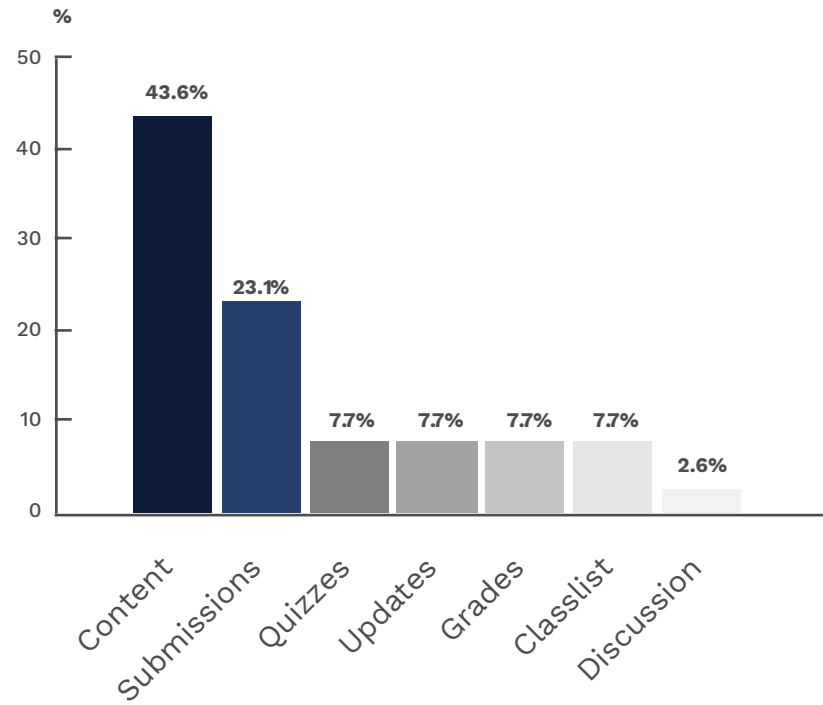
Occasionally professors use a **not very sensible folder structure** which is hard to understand in the way that folders are presented in the Content Browser.

RESEARCH

3

Untapped Potential

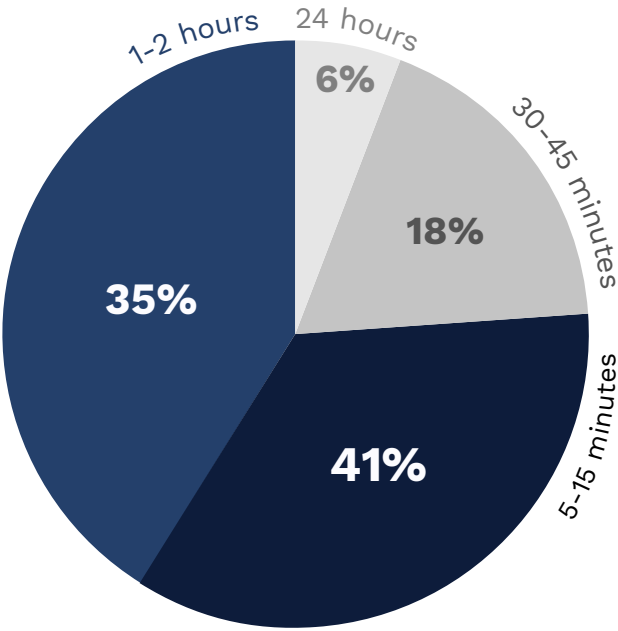
Respondents only frequently use **two out of seven available features** offered by the application.



4

Short-term Commitment

Majority of respondents **visit myCourses often** or always during the week, but **do not spend very much time using** the application.



VISUAL

A clean and sophisticated style that is comfortable to use, reflecting the values and atmosphere of the institution itself.

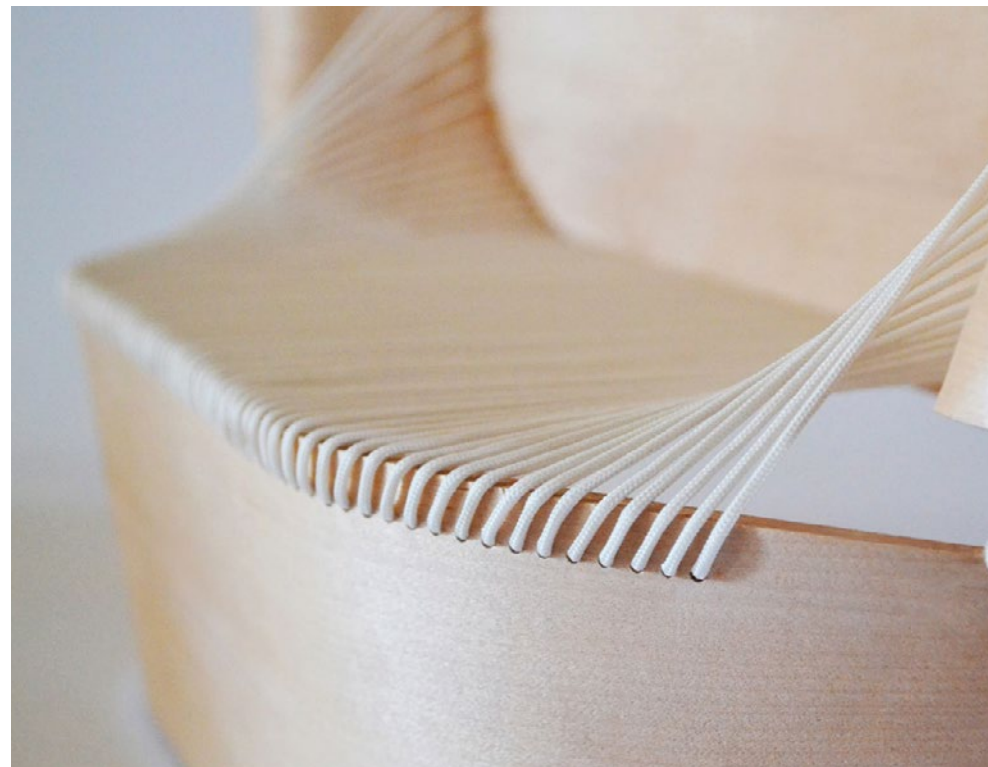
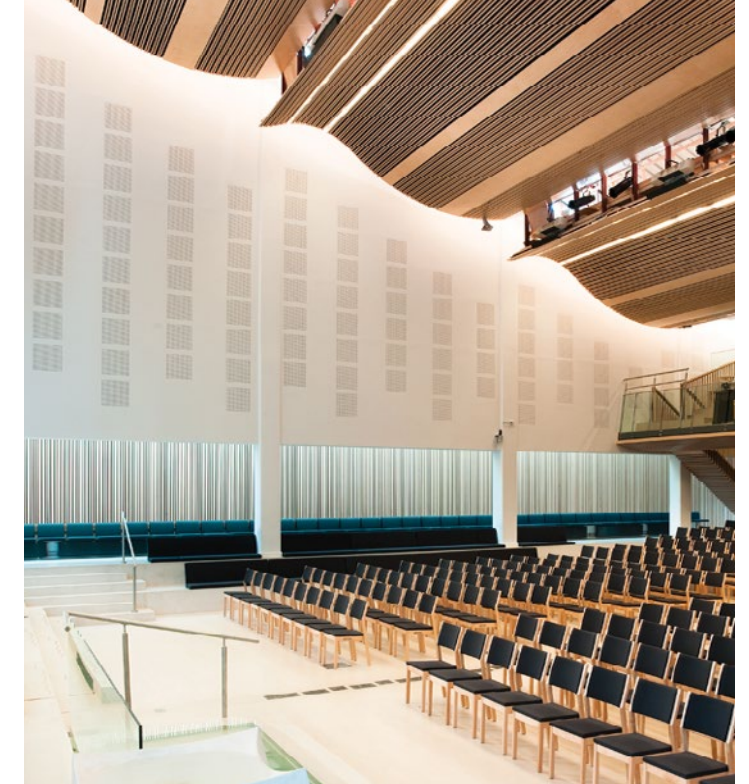
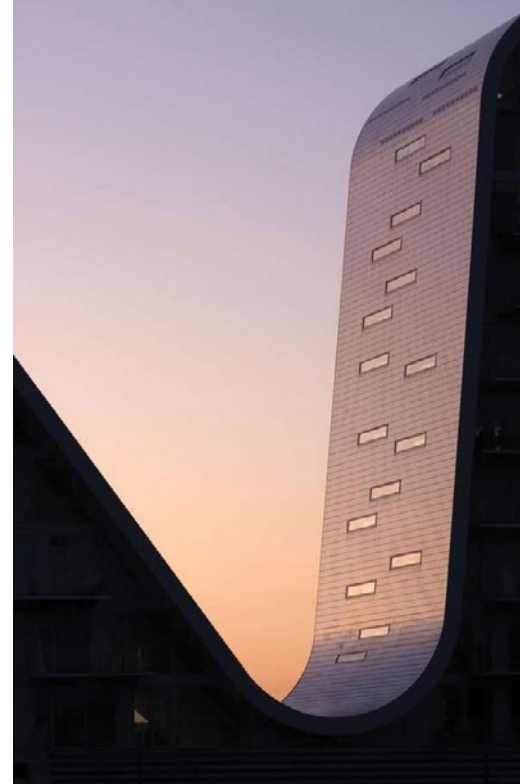
MOOD

contemporary

(clean, sophisticated)

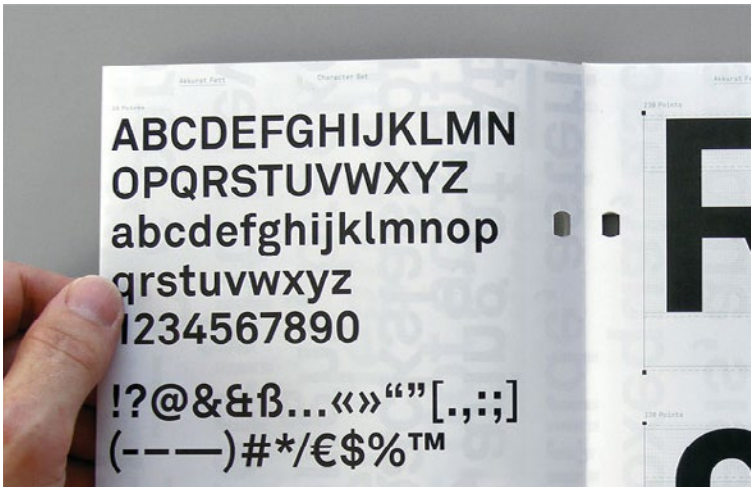
warm

(crafted, comfortable)

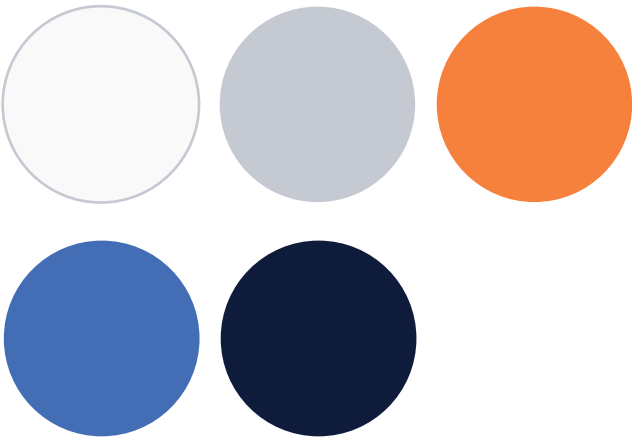


STYLE

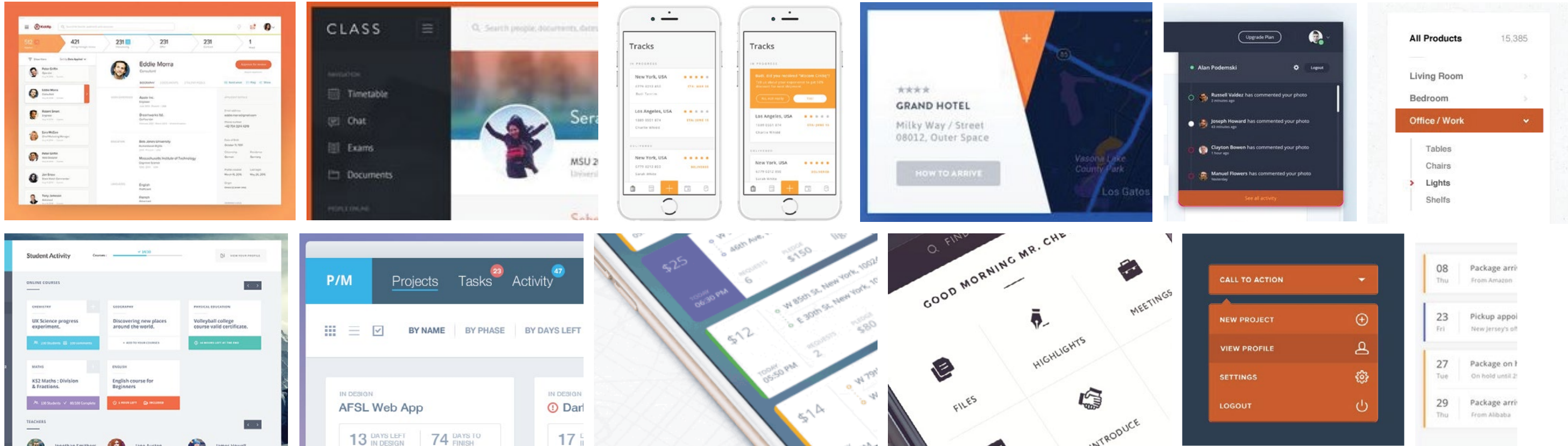
Typography



Colours



UI INSPIRATION



STRUCTURE & FLOW

The new information architecture ensures that the project goals are met, in order to deliver students and faculty a more efficient management system.

The new flow also addresses concerns raised in the Research stage, namely in regards to accessibility and the potential usability of features.

INFORMATION ARCHITECTURE

1

Agenda Monitoring

An agenda of tasks is a new element on the page, that gives the user critical submission information.

2

Reorganised Elements

Important items are easier to access and sectioned off better, for more efficiency in using the system.

3

Content Hierarchy

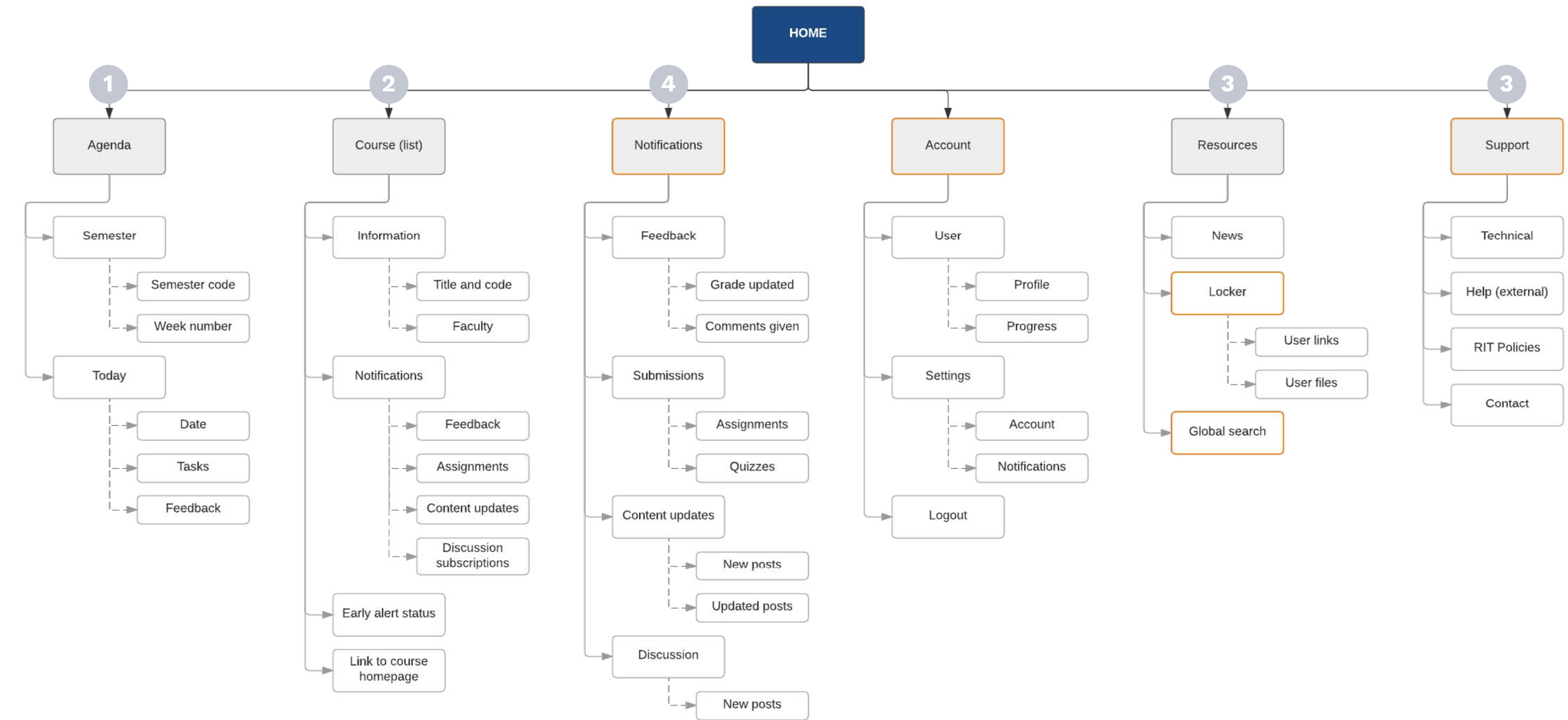
Supplementary information is placed lower in the hierarchy of the page for optional but unobtrusive access.

4

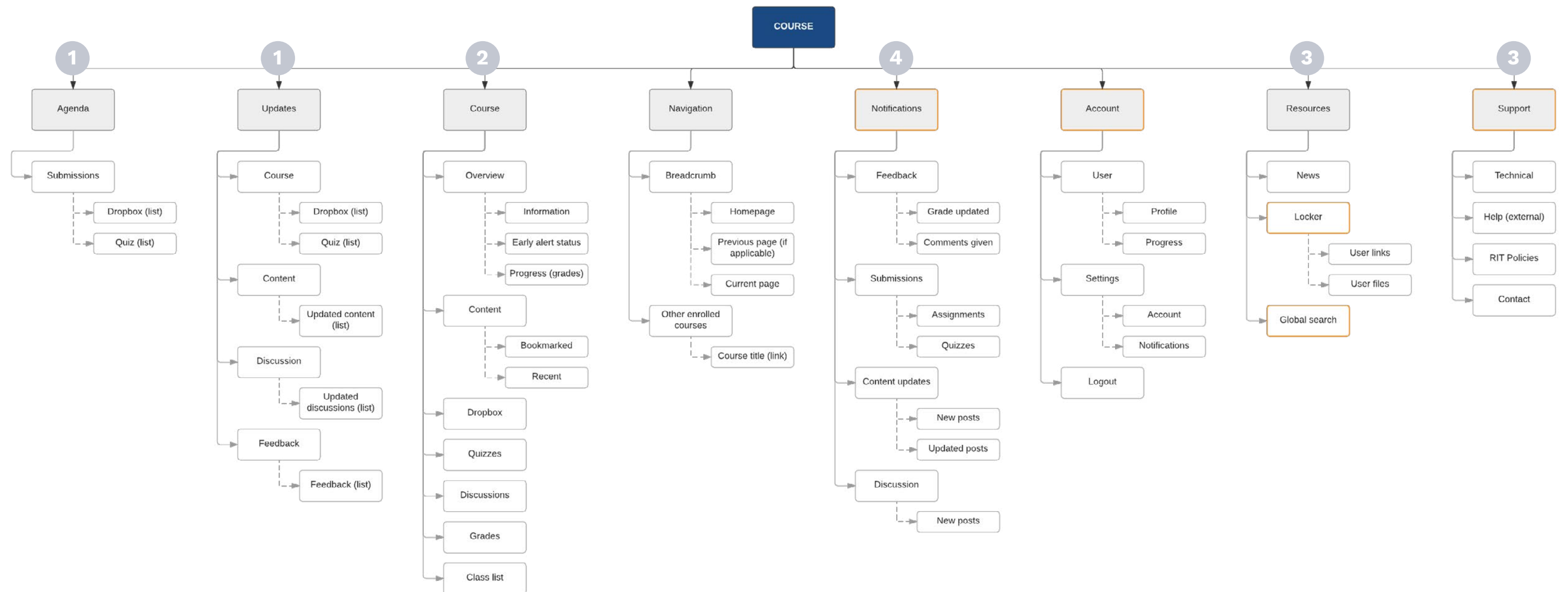
Detailed Notifications

Global notifications include more details such as what the type of notification is, so that users can act accordingly.

INFORMATION ARCHITECTURE: HOMEPAGE



INFORMATION ARCHITECTURE: COURSE PAGE



USER FLOW

1

Multi-purpose Task List

A task list with dropbox upload capability for efficient submission management.

2

Quick Course Overview

Quickly view basic course information and new updates to course content.

3

Improved Dropbox Workflow

Updated functionality that allows students to manage existing and new submissions.

4

Reorganised Course Contents

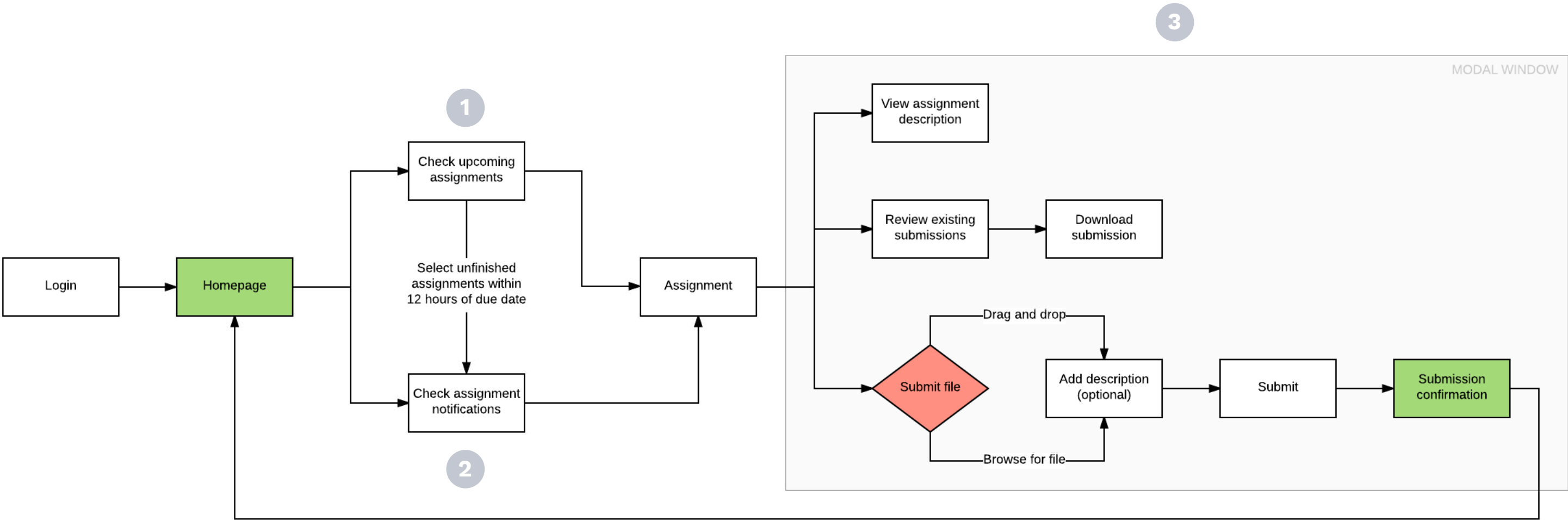
Week-based organisation for better sectioning of content for both faculty and students.

5

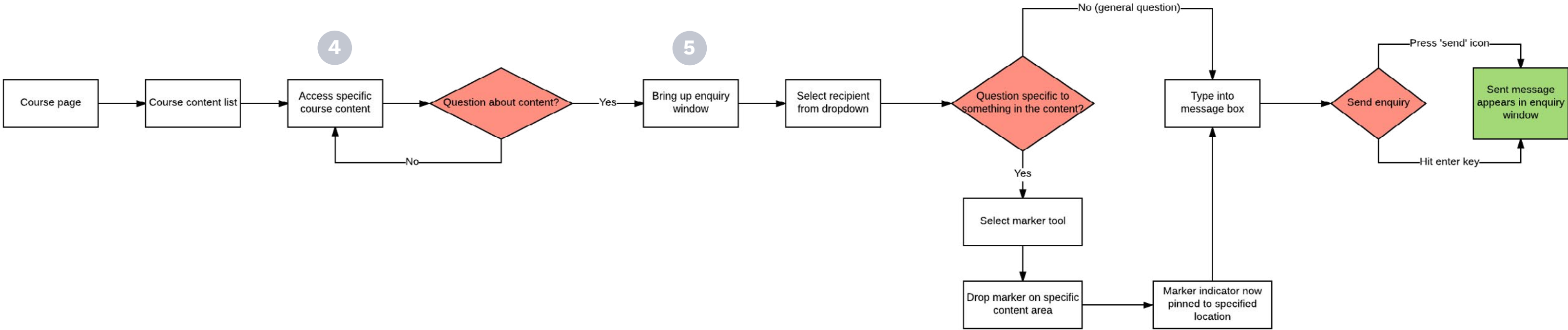
Content Enquiry System

A support system facilitating better communication between faculty and students about content.

USE CASE: DROPBOX SUBMISSION



USE CASE: CONTENT ENQUIRY



DESIGN

The design takes the information architecture and applies it to the selected user flows, addressing concerns raised by users of the existing system.

WIREFRAMES: HOMEPAGE

- 1

Task List

View the week's upcoming task due dates, submit deliverables, and switch between academic weeks.
- 2

Course Updates

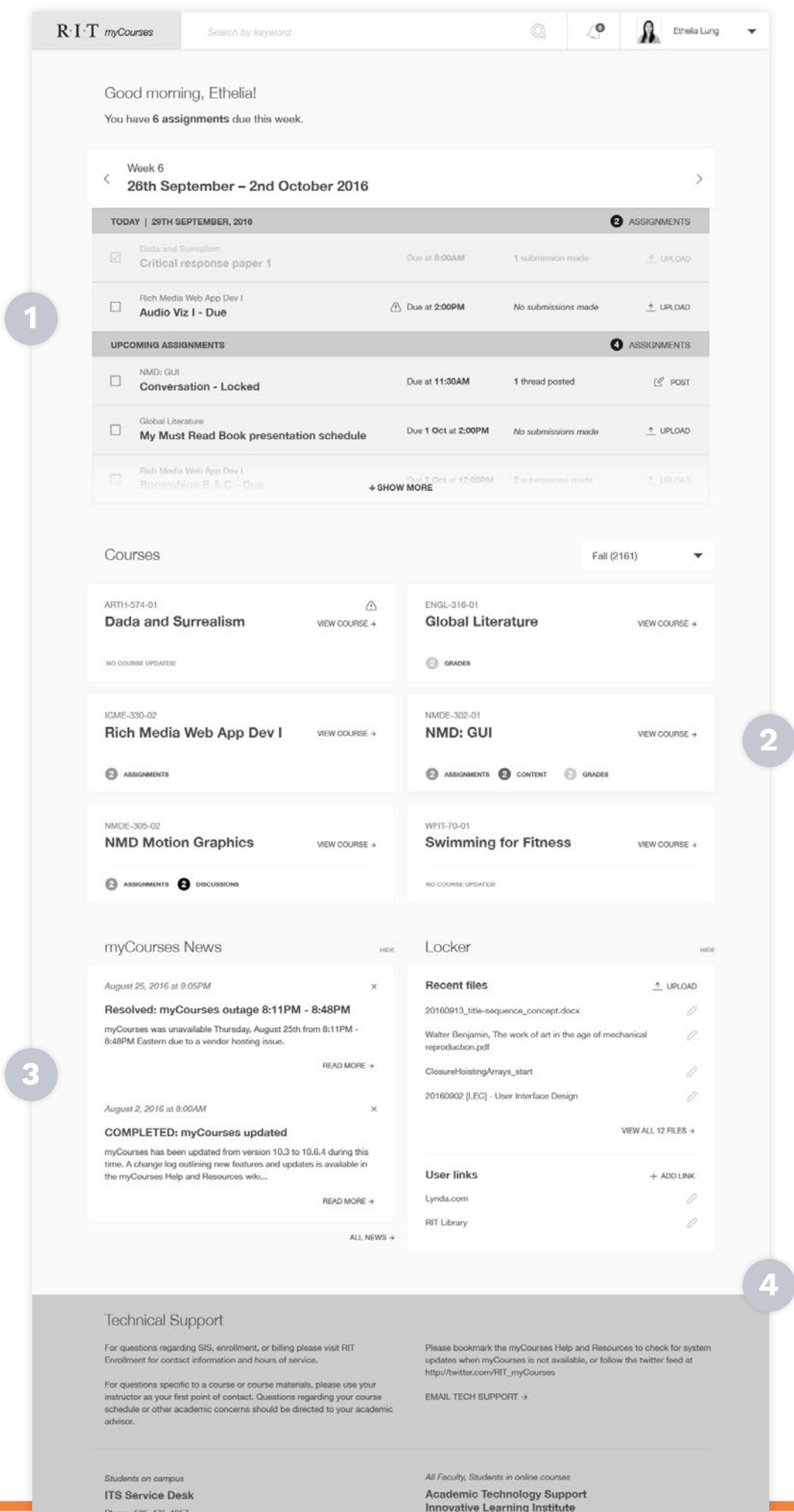
See an overview of a course including its code and early alert status, and see the number of content updates there are.
- 3

Collapsible Contents

Elements such as News and the Locker can be collapsed based on user needs.
- 4

Technical Support

A supplementary section, technical support is a footer element of all pages for familiar access.



WIREFRAMES: COURSE PAGE

- 1

Course Switching

Navigate between courses with a fixed dropdown at the top.
- 2

Course Updates

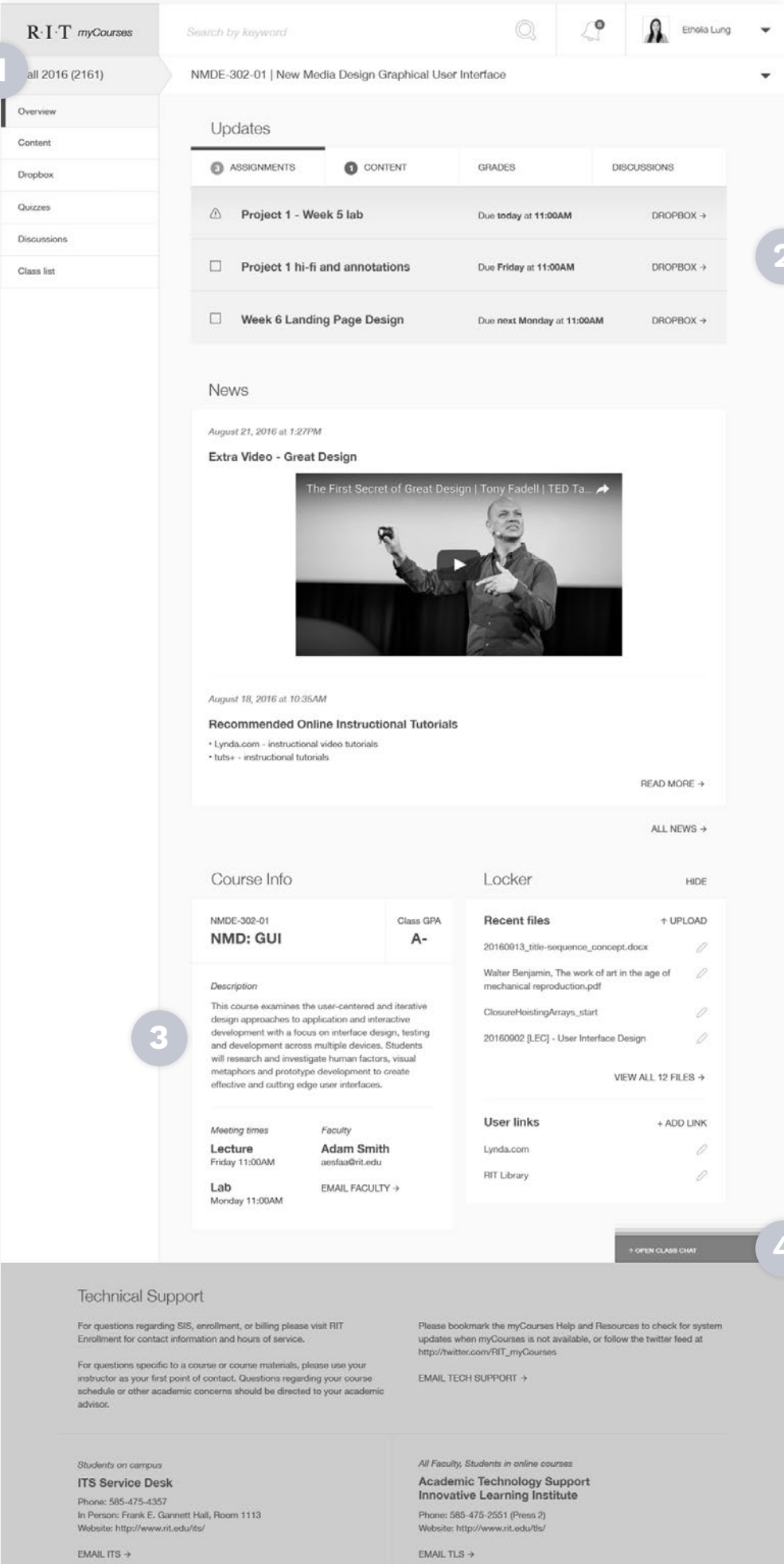
A box identical in function that on the homepage, again allowing for easy access to submission info.
- 3

Course Info

Course information for reference is placed below the main content of the course page.
- 4

Content Enquiry

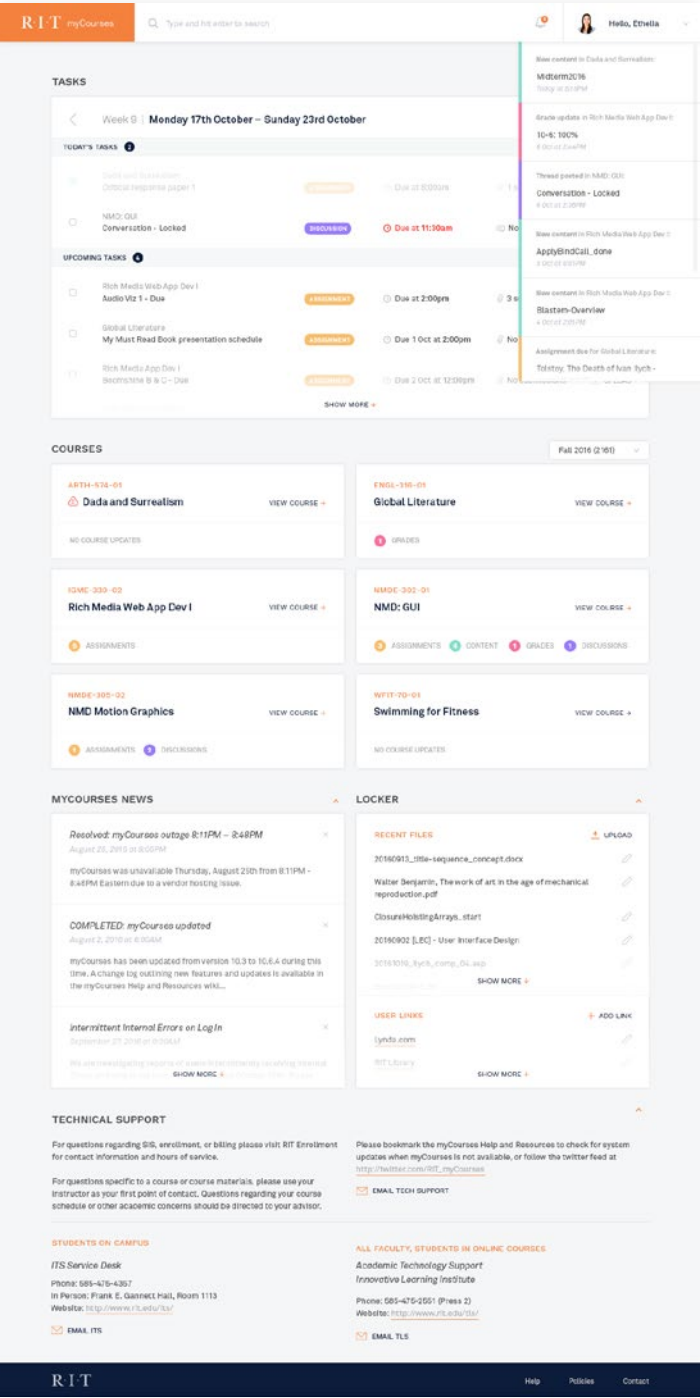
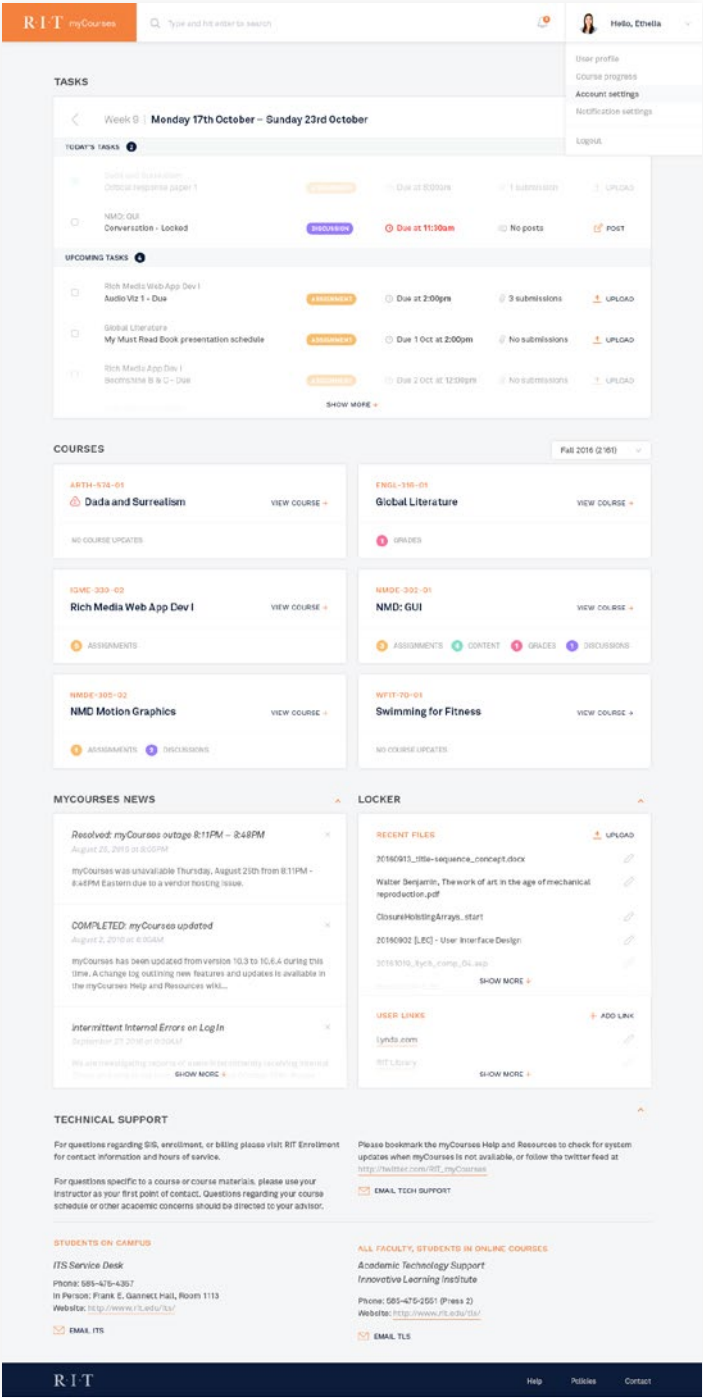
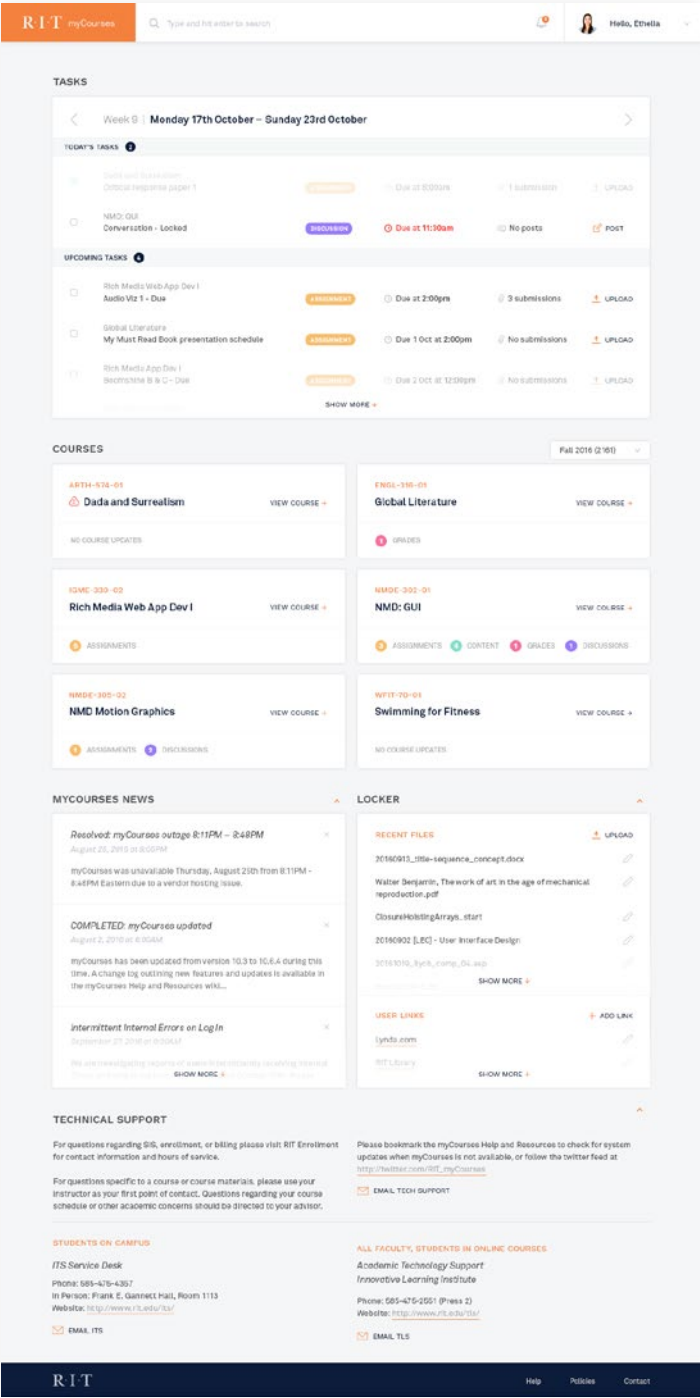
A fixed element that opens up a messaging-style enquiry system.



FINAL COMPOSITIONS

The final solutions implement the wireframes in a visually aesthetic manner.

HOMEPAGE



NMDE-302-01

NMD: GUI

VIEW COURSE →

3

ASSIGNMENTS

4

CONTENT

1

GRADES

1

DISCUSSIONS

A screenshot of a user profile dropdown menu. At the top, there is a circular profile picture of a woman with long dark hair, followed by the text "Hello, Ethelia" and a small downward-pointing chevron icon. Below this, a list of menu items is displayed: "User profile", "Course progress", "Account settings" (which is highlighted with a light gray background), "Notification settings", and "Logout".

DROPBOX FLOW

FINAL MYCOURSES DESIGN

COURSE

NMD: GUI

DUE DATE

Today at 2:00PM

EXPECTED FILE TYPES

Images (PNG/JPG)

DESCRIPTION

Stacked PNG and HTML Link (See Week 7)

UPLOAD & SUBMIT FILES

Drop files here!

course_04.png

ADD FROM LOCKER

ADD FROM GOOGLE DRIVE

SUBMISSION

TYPE

UPLOAD

No uploads yet.
Drag and drop files into the box on the left to start uploading!

Add comment (optional)

SUBMIT FILES

SUBMISSIONS

DOWNLOAD ALL FILES

DATE	SUBMISSION	TYPE	COMMENTS	DOWNLOAD
Submitted 6 Oct at 6:54PM	homepage_06.png		No comments	
	course_01.png			
Submitted 8 Oct at 10:39AM	homepage_07.png		Minor colour changes made.	

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UPLOAD & SUBMIT FILES

Drag and drop to upload
or, BROWSE COMPUTER

ADD FROM LOCKER

ADD FROM GOOGLE DRIVE

SUBMISSION

TYPE

UPLOAD

20160916LEC-Hierarchy.docx
492 KD
Invalid file type
2% uploaded

course_04.png
368 KH
47% uploaded

homepage_08.png
253 KD
100% uploaded

Add comment (optional)

SUBMIT FILES

SUBMISSIONS

DOWNLOAD ALL FILES

DATE	SUBMISSION	TYPE	COMMENTS	DOWNLOAD
Submitted 6 Oct at 6:54PM	homepage_06.png		No comments	
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FINAL MYCOURSES DESIGN

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Today at 2:00PM

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UPLOAD & SUBMIT FILES

Drag and drop to upload
or, BROWSE COMPUTER

ADD FROM LOCKER

ADD FROM GOOGLE DRIVE

SUBMITTED!

SUBMIT MORE

SUBMISSIONS

DOWNLOAD ALL FILES

DATE	SUBMISSION	TYPE	COMMENTS	DOWNLOAD
Submitted 6 Oct at 6:54PM	homepage_06.png		No comments	
	course_01.png			
Submitted 8 Oct at 10:39AM	homepage_07.png		Minor colour changes made.	
Submitted 17 Oct at 5:58AM	course_04.png		Final edits	
	homepage_08.png			

COURSE PAGE

RITmyCourses

Type and hit enter to search

Hello, Ethelia

OVERVIEW

CONTENT3

DROPBOX0

QUIZZES

DISCUSSIONS1

GRADES1

CLASS LIST

ENQUIRIES+

NMDE-302-01 | New Media Design Graphical User Interface

TASKS

TODAY'S TASKS2

"The Reel" Project Statement

Due at 8:00am

1 submission

UPLOAD

Conversation - Locked

Due at 11:30am

No posts

POST

UPCOMING TASKS4

HomePage Redo - Mycourses week 7

Due at 2:00pm

3 submissions

UPLOAD

Final Frank and Original PNGs

Due 1 Oct at 2:00pm

No submissions

UPLOAD

Week 10 The Reel lo-fi Use Case and annotations

Due 2 Oct at 12:00pm

No submissions

UPLOAD

Week 10 final final mycourses png sequence

Due 6 Oct at 11:59pm

1 submission

UPLOAD

NEWS

Extra Video - Great Design

August 27, 2016 at 1:27PM

Recommended Online Instructional Videos

August 16, 2016 at 10:00AM

RECENT ENQUIRIES

Adam Smith

22 Oct 2016

I really enjoyed this talk - are there any other similar videos on this topic that I can watch?

Yes - check out this one: <https://www.youtube.com/watch?v=yBo0Y80SGLE>

Abigail Lee

4 Sep 2016

Do the low-fis have to be made in Photoshop?

I'm pretty sure they can be done in Illustrator, just export it from AI to PSD, should be fine.

COURSE INFO

DESCRIPTION

This course examines the user-centered and iterative design approaches to application and interactive development with a focus on interface design, testing and development across multiple devices. Students will research and investigate human factors, visual metaphors and prototype development to create effective and cutting edge user interfaces.

MEETING TIMES

Lecture

Friday 11:00AM

Lab

Monday 11:00AM

FACULTY

Adam Smith

aesfaa@rit.edu

EMAIL FACULTY

LOCKER

RECENT FILES

20160913_title-sequence_concept.docx

Walter Benjamin, The work of art in the age of mechanical reproduction.pdf

ClosureHoldingArray_start

20160902 [,EC] - User Interface Design

20161010_lych_comp_0A.scp

USER LINKS

Lynda.com

RIT Library

TECHNICAL SUPPORT

For questions regarding SIS, enrollment, or billing please visit RIT Enrollment for contact information and hours of service.

For questions specific to a course or course materials, please use your instructor as your first point of contact. Questions regarding your course schedule or other academic concerns should be directed to your academic advisor.

STUDENTS ON CAMPUS

ITS Service Desk

Phone: 585-475-4357

In Person: Frank E. Gannett Hall, Room 1113

Website: <http://www.its.rit.edu/its/>

EMAIL ITS

ALL FACULTY, STUDENTS IN ONLINE COURSES

Academic Technology Support

Innovative Learning Institute

Phone: 585-475-2561 (Press 2)

Website: <http://www.its.rit.edu/its/>

EMAIL ITS

RIT

HelpPoliciesContact

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OVERVIEW

CONTENT3

DROPBOX2

QUIZZES

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CLASS LIST

ENQUIRIES+

NMDE-302-01 | New Media Design Gra

TASKS

TODAY'S TASKS2

"The Reel" Project Statement

Conversation - Locked

UPCOMING TASKS4

HomePage Redo - Mycourses wee

Final Frank and Original PNGs

Week 10 The Reel lo-fi Use Case a

24 – Final Compositions

Reimagining myCourses // Ethelia Lung

COURSE PAGE

RITmyCourses

Type and hit enter to search

Hello, Ethelia

OVERVIEW

CONTENT

DROPBOX

QUIZZES

DISCUSSIONS

GRADES

CLASS LIST

ENQUIRIES

NMDE-302-01 | New Media Design Graphical User Interface

WEEK

1

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16

WEEK 9

DESCRIPTION

Principles of Interaction Design.

Due Week 9 Sunday at 11:00AM

- Section 2 Final Frank and Original PNGs - see dropbox below - homepages only

Due Week 10 Friday (Lecture) at 11:00AM

- MyCourses - PNG sequence based on use case (3-6 png files)
- Project 2 - low fidelity wireframes describing what major screens are required to complete your identified workflow

TASKS

- Final Frank and Original PNGs23 Oct at 12:00pmUPLOAD
- Week 10 The Reel to-fi Use Case and annotations28 Oct at 11:00amUPLOAD
- Week 10 final final mycourses png sequence28 Oct at 11:00amUPLOAD

WEEKLY CONTENT

LECTURE

week9: Interaction design

Updated 13 Oct at 10:51 PM

Download icon

Share icon

PEER REVIEW

Peer Review Guidelines

Updated 13 Oct at 10:51 PM

Download icon

Share icon

Peer Review PDF Download Oct 14, 2016 107 PM

Updated 24 Oct at 11:26 AM

Download icon

Share icon

Final MyCourse Design - Stacked PNG Download Oct 12, 2016 1228 PM

Updated 13 Oct at 1:07 PM

Download icon

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TECHNICAL SUPPORT

For questions regarding SIS, enrolment, or billing please visit RIT Enrolment for contact information and hours of service.

Please bookmark the myCourses Help and Resources to check for system updates when myCourses is not available, or follow the twitter feed at http://twitter.com/RIT_myCourses

EMAIL TECH SUPPORT

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RIT

HelpPoliciesContact

NMDE-302-01 | New Media Design Graphical User Interface

WEEK

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CONTENT ENQUIRY FLOW

GRADES

CLASS LIST

ENQUIRIES + -

Adam Smith

22 Oct 2016

Abigail Lee

4 Sep 2016

Kathleen Huang

26 Aug 2016

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- Project 2 - low fidelity wireframes describing what major screens are required to

TASKS

- Final
- Week
- Week

WEEKLY C

LECTURE

PDF we

PEER REVIEW

NEW ENQUIRY

RECIPIENT

Adam Smith (Instructor)

MESSAGE

Two questions: are we using LucidCharts to create these, and would you like an export of our LucidChart brainstorming?

SEND MESSAGE →

NEWS

RECENT ENQUIRIES

Extra Video – Great Design

August 27, 2016 at 1:27PM

TED

Recommended Online Instructional Video

August 18, 2016 at 10:35AM

- Lynda.com - Instructional video tutor
- tutor - Instructional

SHOW MORE →

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DESCRIPTION

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ENQUIRY

RECIPIENT

Adam Smith (Instructor)

MESSAGES

20 Oct, 4:03PM

I really enjoyed this talk - are there any other similar videos on this topic that I can watch?

22 Oct, 11:27AM

Yes - check out this one:
<https://www.youtube.com/watch?v=yBo0Y80SGLE>

RESPOND

Sweet, I love Mike Montelro. Thank!

SEND MESSAGE →

Adam Smith

22 Oct 2016

Fin.

—

This reimagination of MyCourses provides students and faculty with a professional-looking, efficient, and collaborative course management tool that supports quality higher education.

[HTTPS://MARVELAPP.COM/191EBHF/](https://marvelapp.com/191EBHF/)