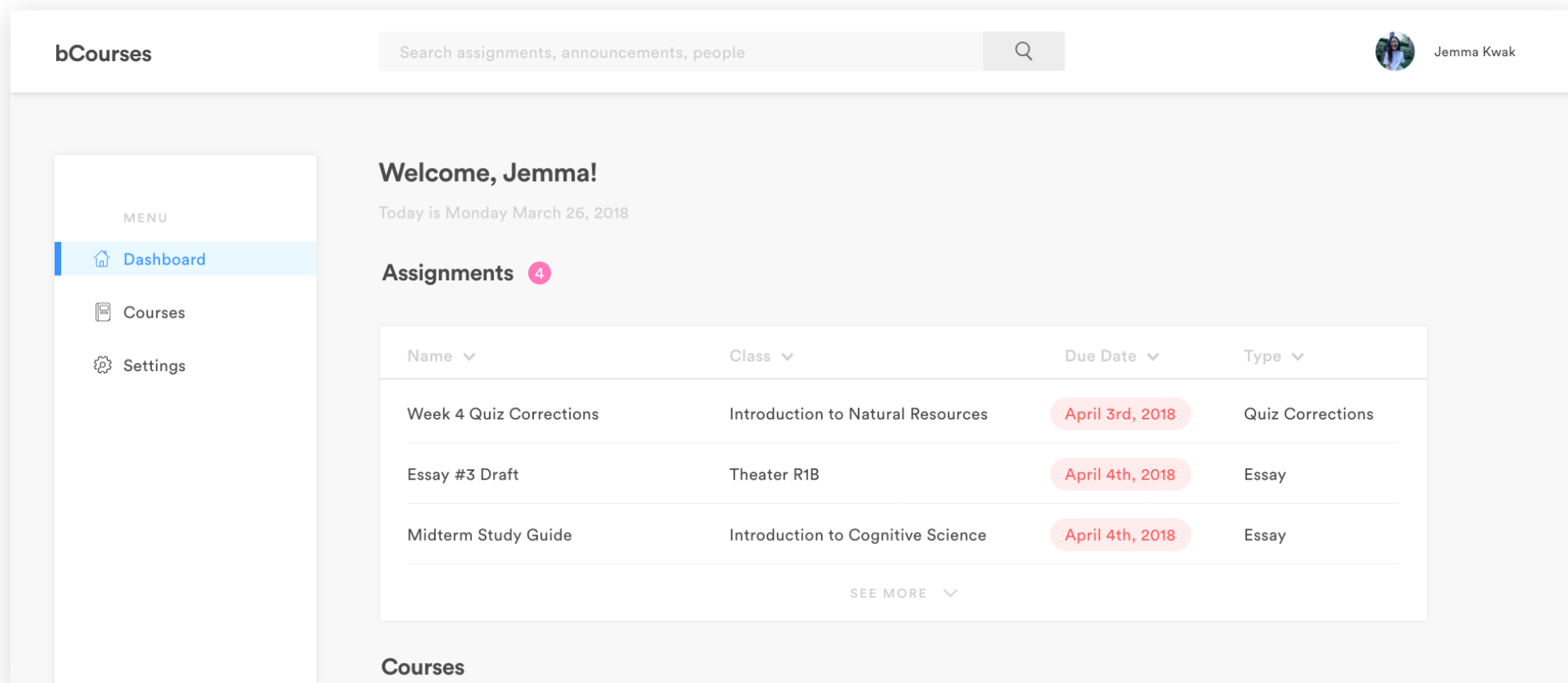


bCourses Redesign

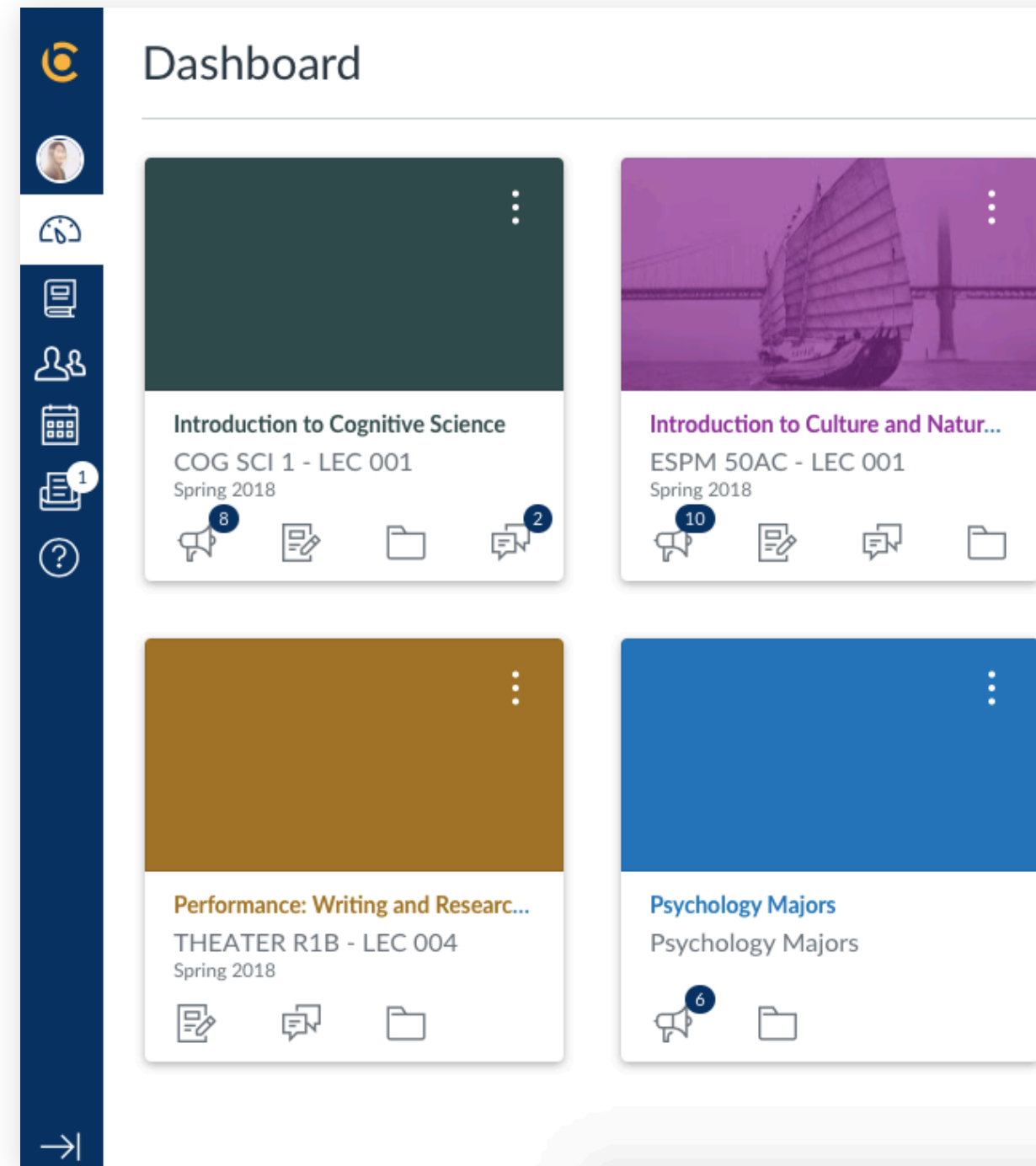
A redesign of Berkeley's **course management** system.



bCourses Redesign

context

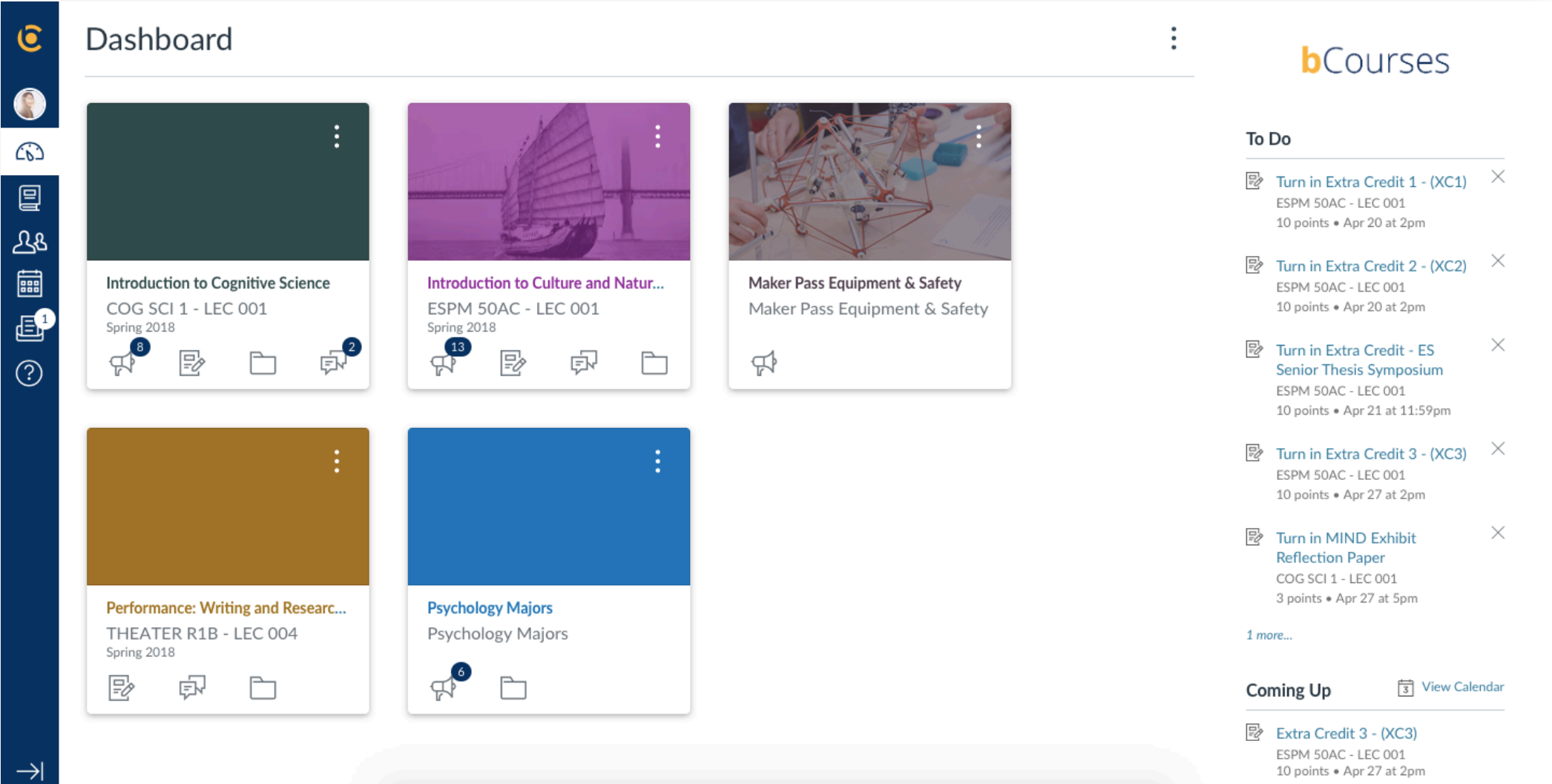
bCourses is Berkeley's student-instructor course management system. Students use the platform to interact with instructors, view readings, see grades, and submit assignments. It stands alone as Berkeley's official platform for students and instructors to interact.



Current Dashboard View

bCourses Redesign

the problem



Current Dashboard View

bCourses Redesign

the problem

≡

DES INV 10 - LEC 001

Fall 2017

Home

Announcements

Assignments

Discussions

Grades

People

Files

Syllabus

Conferences

Collaborations

Chat

Recent Activity in DES INV 10 - LEC 001

No Recent Messages

You don't have any messages to show in your stream yet. Once you begin participating in your courses you'll see this stream fill up with messages from discussions, grading updates, private messages between you and other users, etc.

Course Groups

Team 7

Group H

Coming Up

3

View Calendar

Nothing for the next week

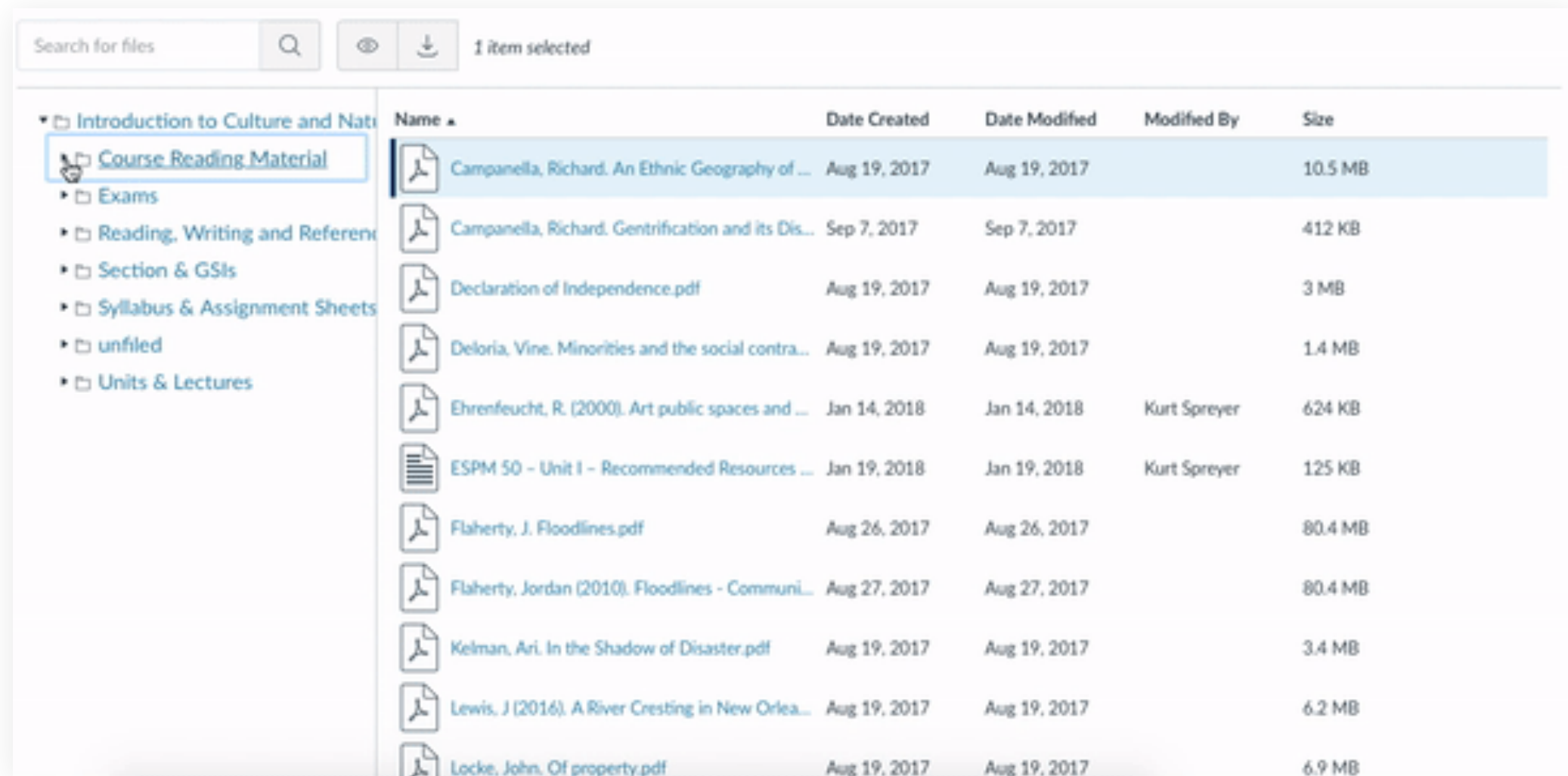
Recent Feedback

Nothing for now

Current Home View

bCourses Redesign

the problem



The screenshot shows the bCourses file management interface. At the top, there is a search bar labeled 'Search for files' and a status indicator '1 item selected'. The left sidebar shows a folder hierarchy with 'Course Reading Material' selected. The main area displays a table of files with columns for Name, Date Created, Date Modified, Modified By, and Size.

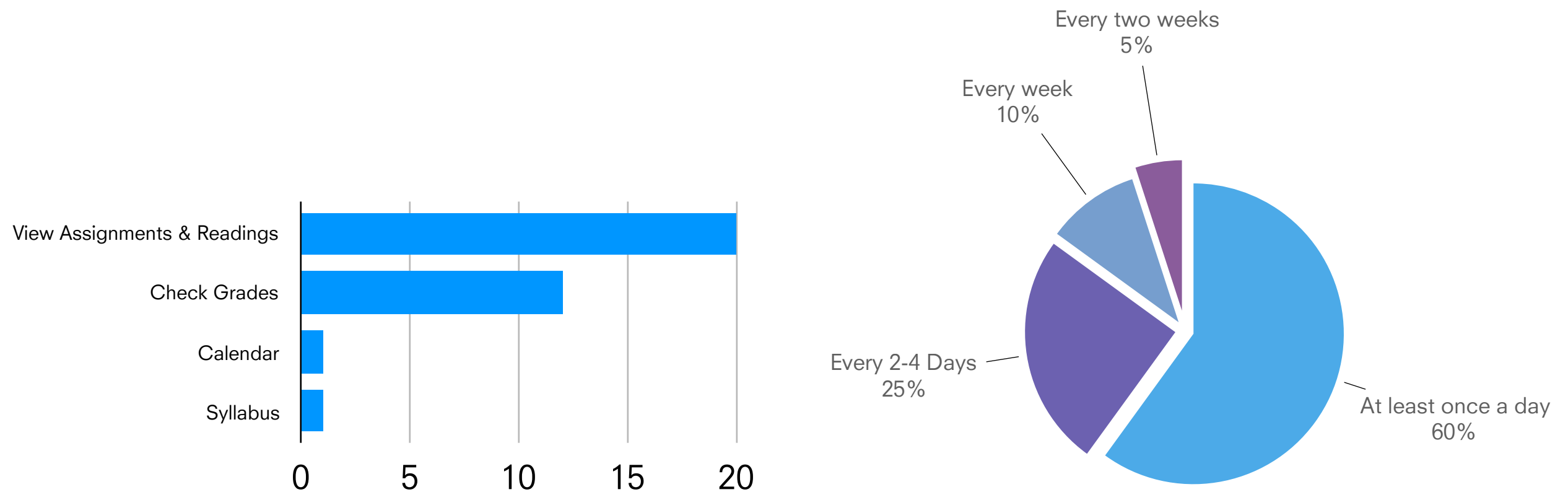
Name	Date Created	Date Modified	Modified By	Size
Campanella, Richard. An Ethnic Geography of ...	Aug 19, 2017	Aug 19, 2017		10.5 MB
Campanella, Richard. Gentrification and its Dis...	Sep 7, 2017	Sep 7, 2017		412 KB
Declaration of Independence.pdf	Aug 19, 2017	Aug 19, 2017		3 MB
Deloria, Vine. Minorities and the social contra...	Aug 19, 2017	Aug 19, 2017		1.4 MB
Ehrenfeucht, R. (2000). Art public spaces and ...	Jan 14, 2018	Jan 14, 2018	Kurt Spreyer	624 KB
ESPM 50 - Unit I - Recommended Resources ...	Jan 19, 2018	Jan 19, 2018	Kurt Spreyer	125 KB
Flaherty, J. Floodlines.pdf	Aug 26, 2017	Aug 26, 2017		80.4 MB
Flaherty, Jordan (2010). Floodlines - Communi...	Aug 27, 2017	Aug 27, 2017		80.4 MB
Kelman, Ari. In the Shadow of Disaster.pdf	Aug 19, 2017	Aug 19, 2017		3.4 MB
Lewis, J (2016). A River Cresting in New Orlea...	Aug 19, 2017	Aug 19, 2017		6.2 MB
Locke, John. Of property.pdf	Aug 19, 2017	Aug 19, 2017		6.9 MB

Current File View

bCourses Redesign

user research*

The needs of the users are clear: functionality and features absolutely necessary to their success in classes.



*A survey of 20 students using bCourses.

bCourses Redesign

user research*

1 Idle Features

Users noted they tended to not use features such as calendar and inbox, stating they already had established methods and mediums for carrying out this functionality.

“I already use calendar and just email my professors. Why should I do it on bCourses?”

2 Lack of Clarity

Students noted the lack of clarity across the main features of bCourses— this included file search, course distinction, and assignment submissions.

“I find it really difficult to find certain files. There are too many tabs and they’re all too small.”

bCourses Redesign

user research*

3 Building Community

Lots of students noted that they did not use the Groups feature, but wanted a better way to use the platform to connect with students and faculty in the class.

“I want to be able to contact people, but I don’t know how.”

4 Aesthetics and Feel

Many students noted that bCourses UI felt clunky and out-of-date. A major part of the redesign was to align the user interface up to speed with more modern design trends.

“The site looks old which makes me not want to use it at all.”

bCourses Redesign

defining the problem

How might we streamline the experience of accessing course materials?

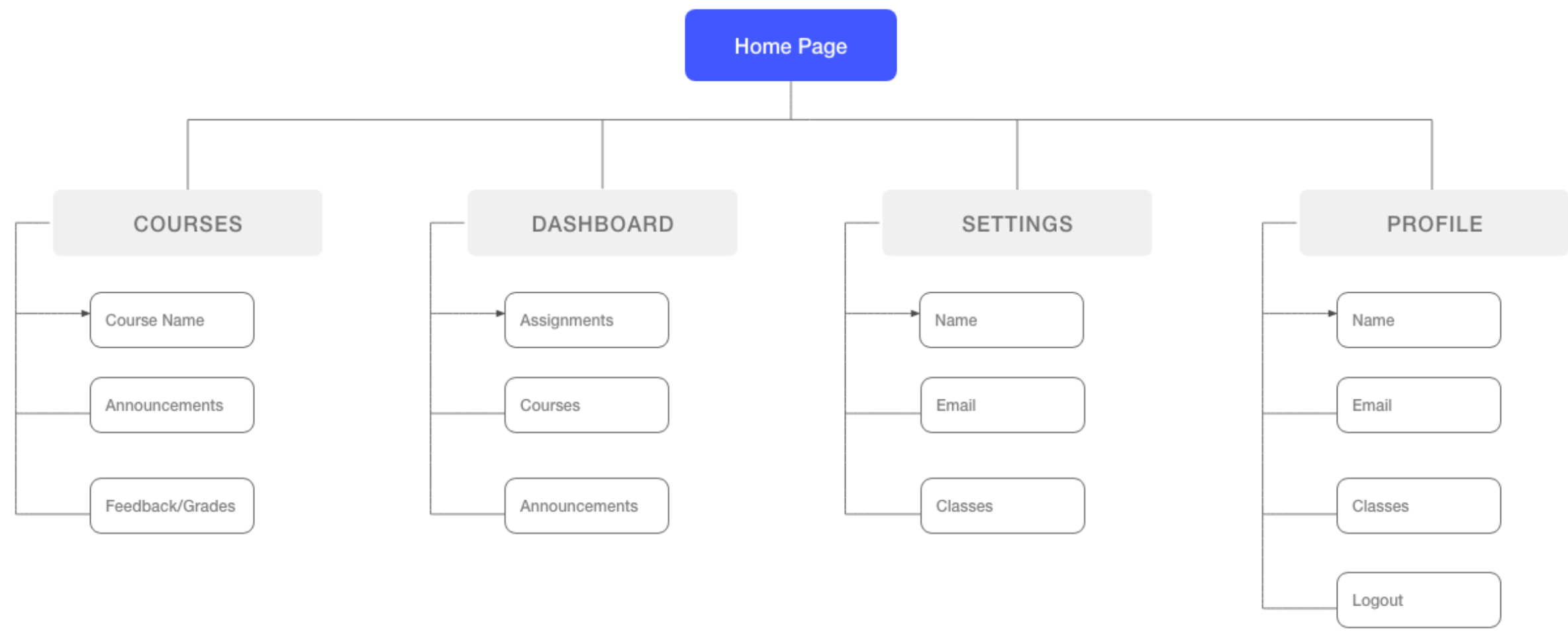
bCourses Redesign

redesign goals

- 1 Streamline**
Increase ease of access and flow of files, assignments, grades, and submission.
- 2 Centralize**
Concentrate pertinent interactions and student priorities into a singular dashboard.
- 3 Update**
Bring site aesthetics up to speed with current visual trends and patterns.

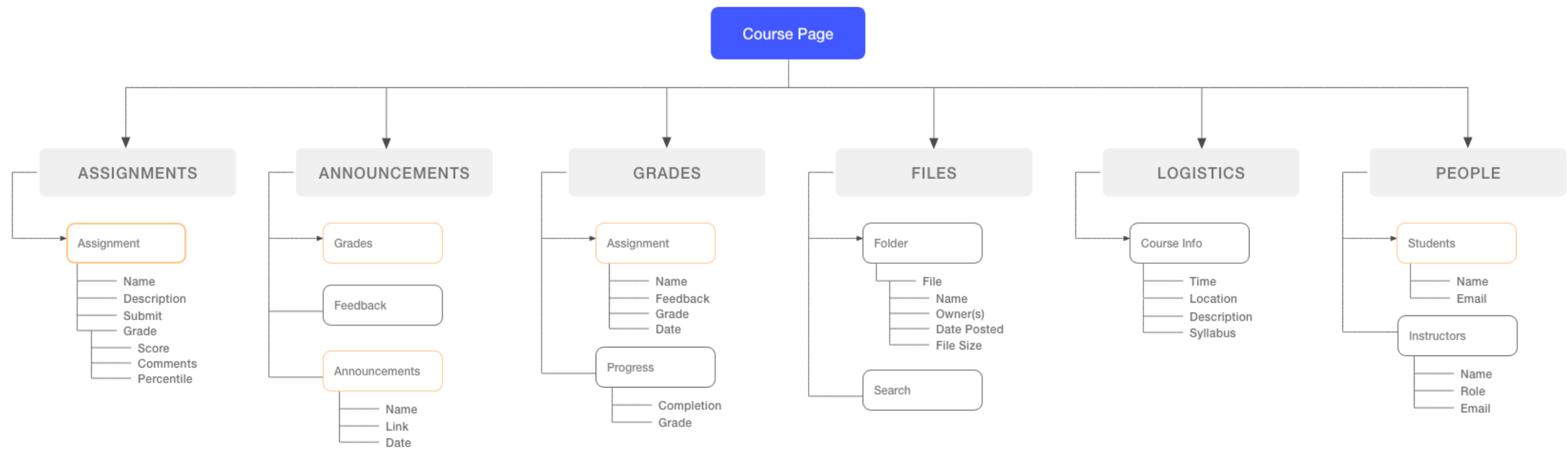
bCourses Redesign

user flow



bCourses Redesign

user flow



bCourses Redesign

mid-fidelity

- 1

Assignments

A centralized location for the most recently assigned work.
- 2

Courses

Easy access and viewing for each course a student is enrolled in.
- 3

Updates

The most recent announcements in a centralized location.

Jane Doe

Psychology '20

Dashboard

Courses

Settings

Welcome, Jane!

Today is Monday March 26, 2018

Assignments 4

1

Assignment Name	Class	Due Date	Assignment Type
Week 4 Quiz	ESPM 50AC	• Dec 12	Quiz
Essay #3 First Draft	THEATER R1B	• Dec 12	Written Submission
Midterm Vocab Questions	COG SCI 1	• Dec 12	Written Submission

SEE MORE

2

Courses

COG SCI 1

Introduction to Cognitive Science

2 assignments 1 announcement 3 new files

ESPM 50AC

Introduction to Natural Resource Management

2 assignments 1 announcement 3 new files

THEATER R1B

Performance: Writing and Research

2 assignments 1 announcement 3 new files

CS 61B

Data Structures and Algorithms

2 assignments 1 announcement 3 new files

3

Updates 3

Announcement	Class	Date	Update Type
Midterm 1 Grades Released!	ESPM 50AC	• Mar 15	Grades
Essay #3 First Draft	THEATER R1B	• Mar 14	File Upload
Midterm Vocab Questions	COG SCI 1	• Mar 11	Written Submission

SEE MORE

New Dashboard View

bCourses Redesign

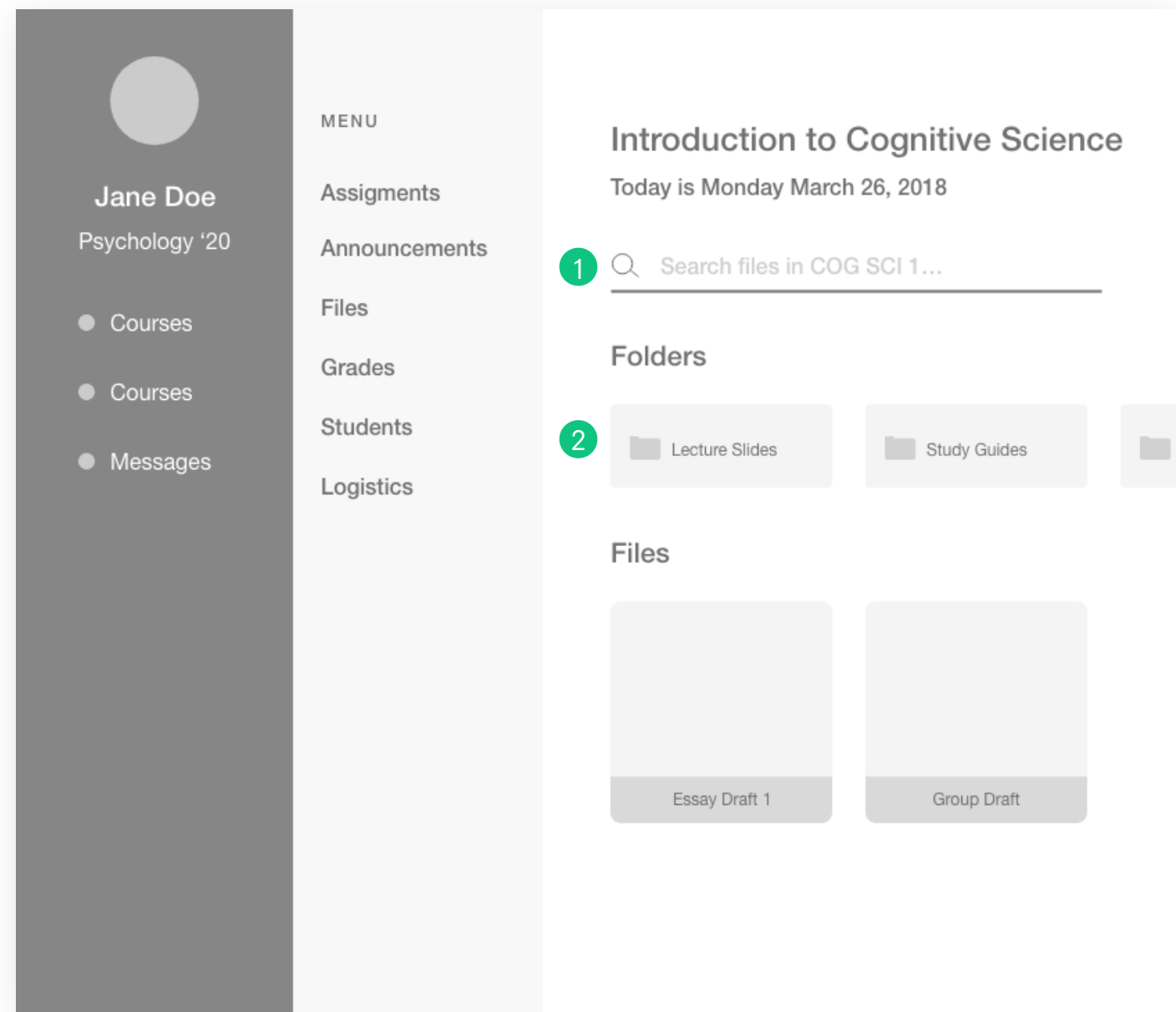
mid-fidelity

1 Visible Search

File search that appears immediately to the user, as opposed to hidden in the file

2 Folders & Files

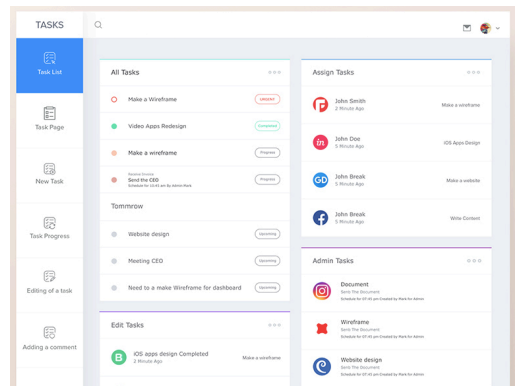
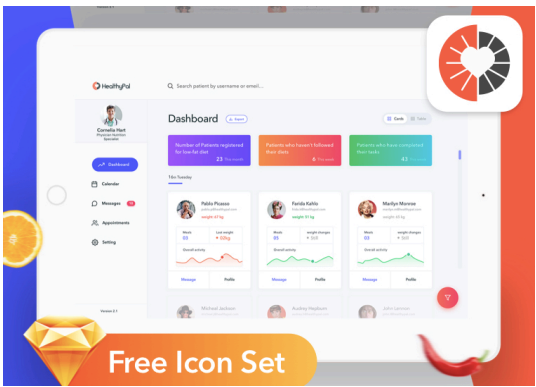
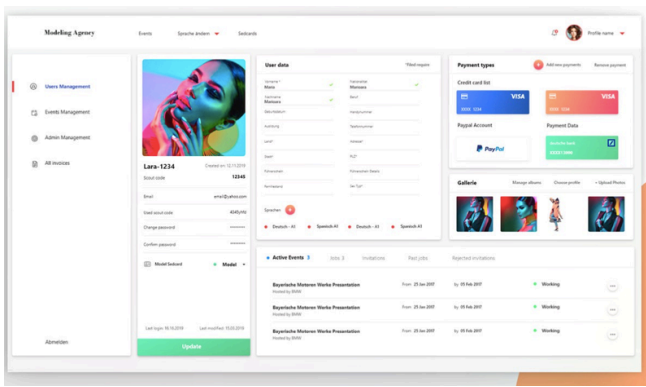
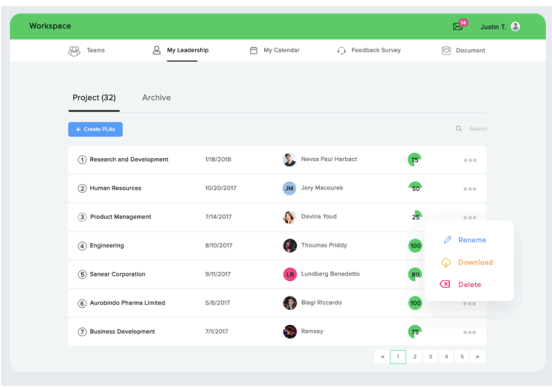
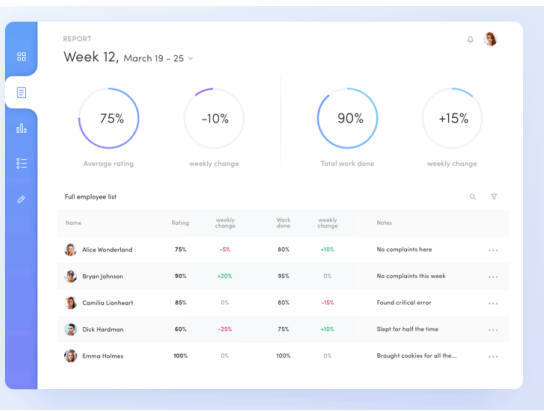
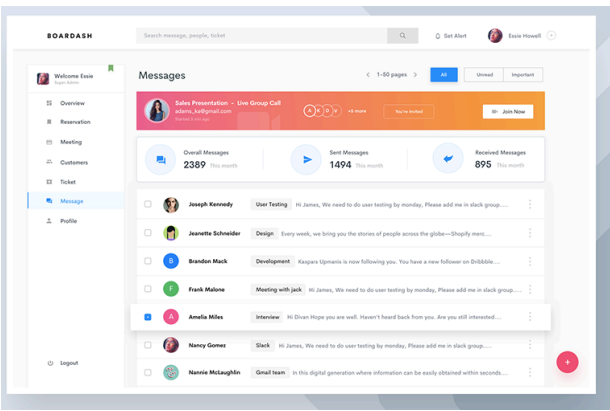
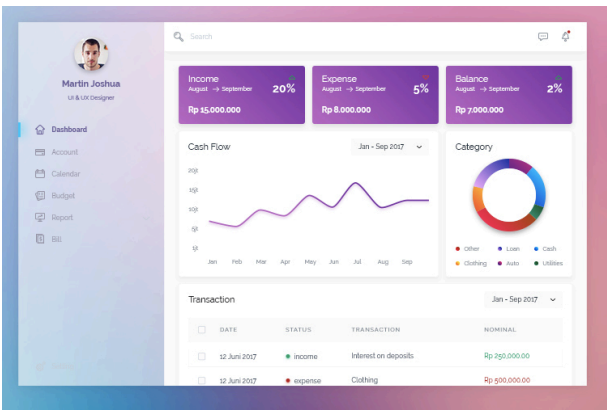
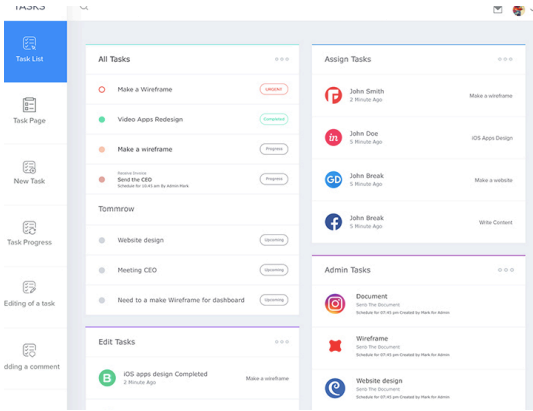
Folders and files in an more intuitive, GUI, much like Google Drive's organization.



New File View

bCourses Redesign

UI inspiration



bCourses Redesign

style guide

TYPOGRAPHY

Header 1

Circular Bold 32pt

Header 2

Circular Bold 28pt

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Circular Book 20pt

COLORS



#4B4B4B



#3894FF



#FF57AB



#33E833



#707070



#FF9446



#6433E8



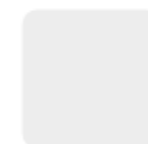
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#4A4C6E



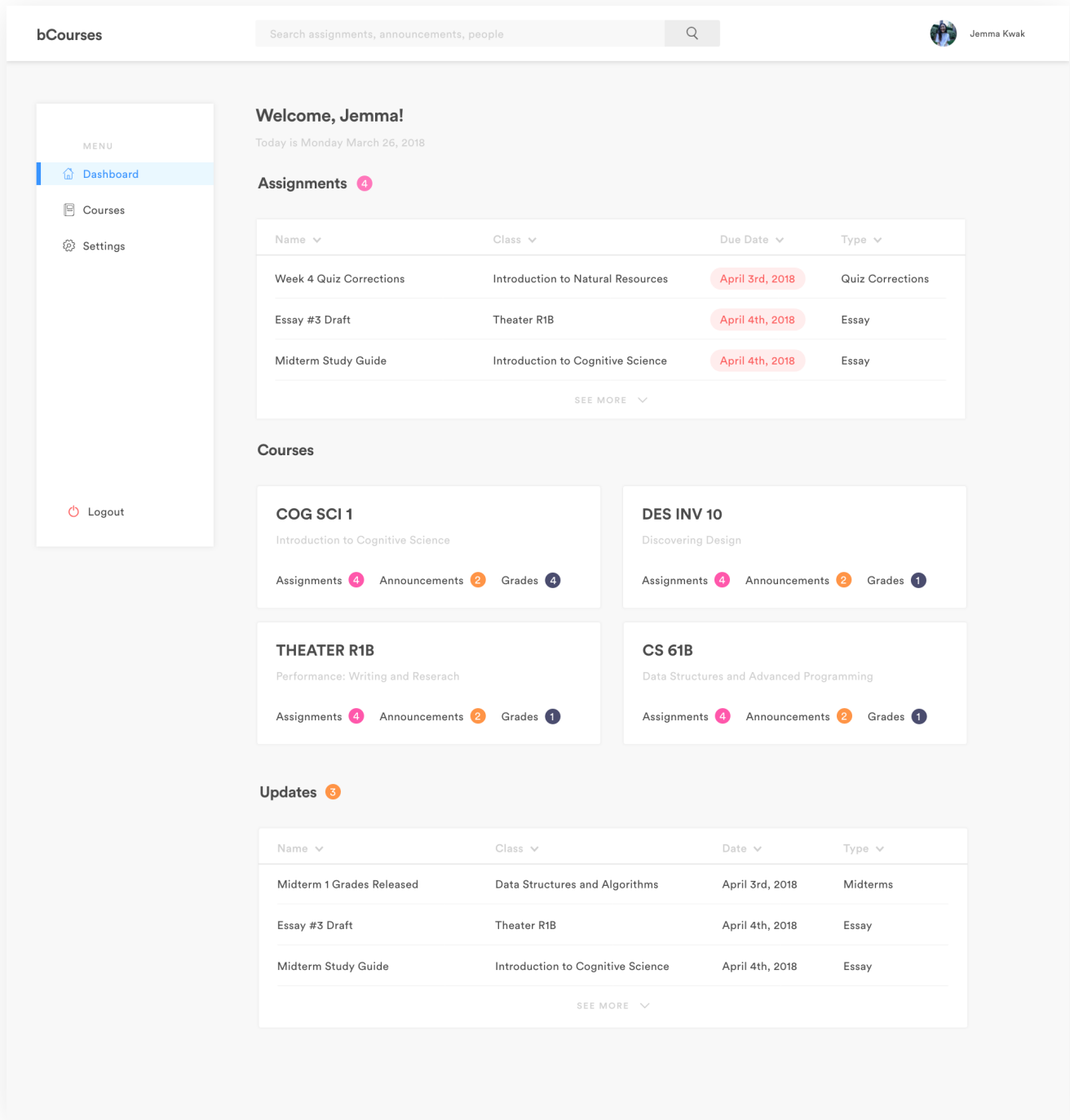
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#FFEDED

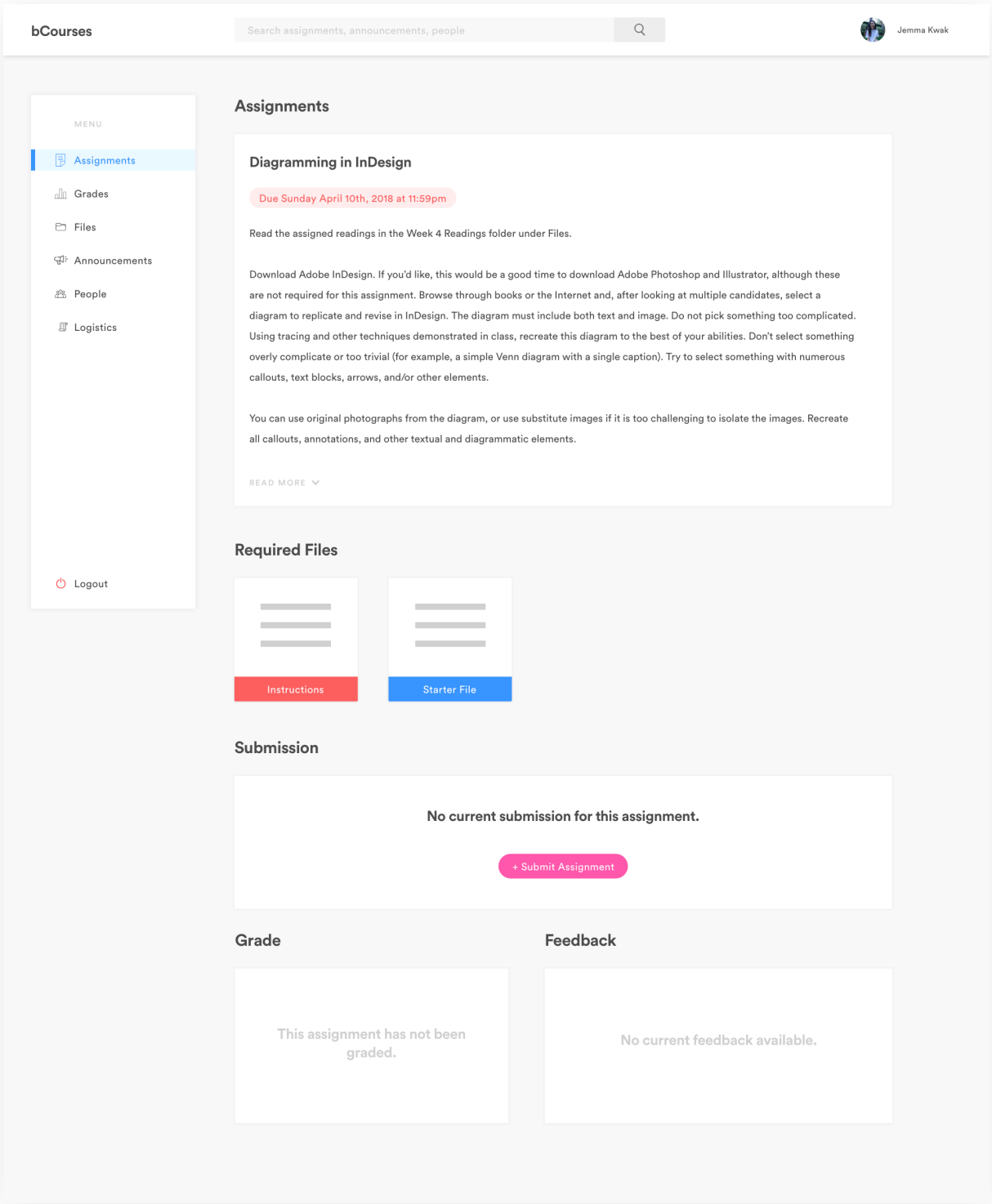
bCourses Redesign

high fidelity



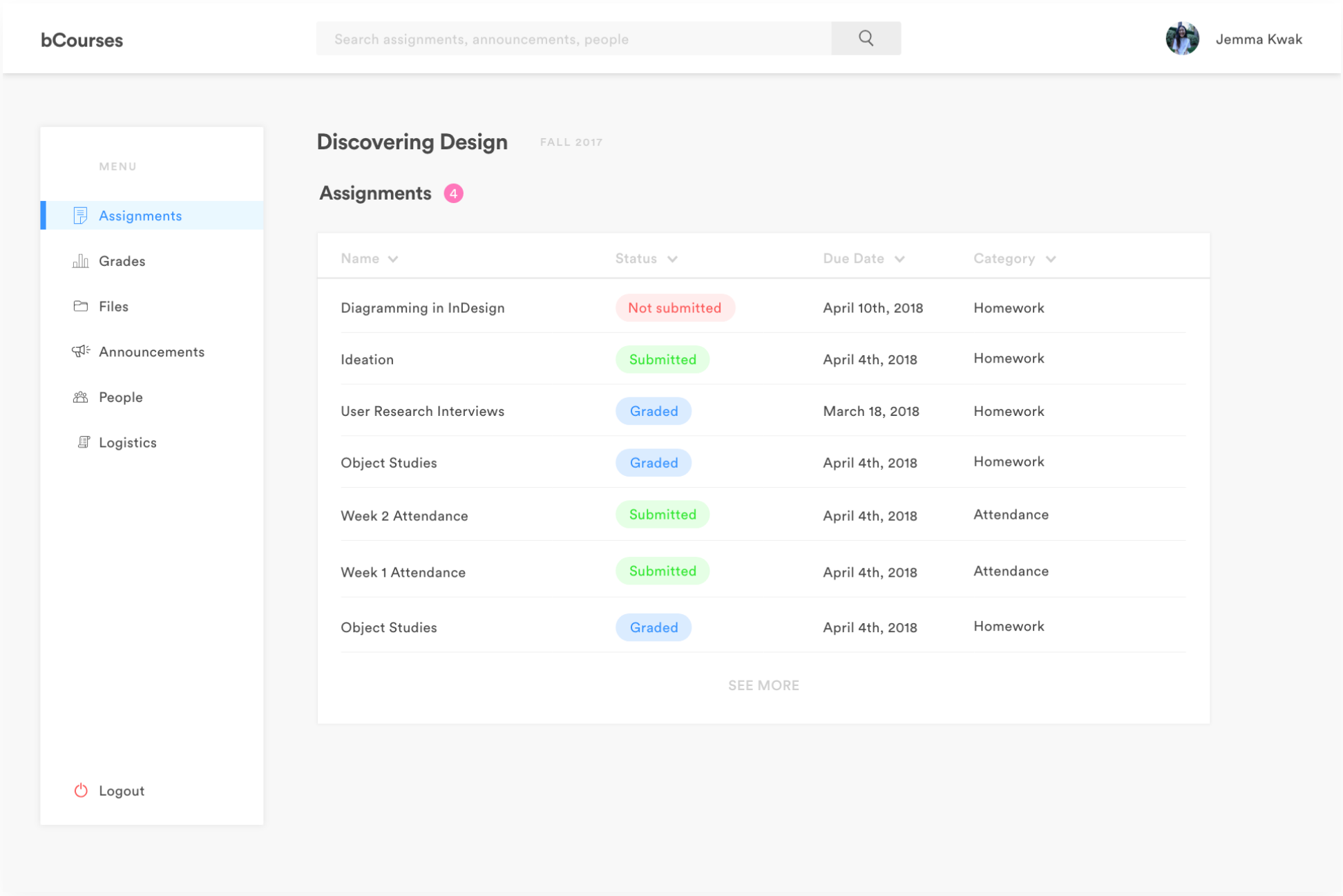
bCourses Redesign

high fidelity



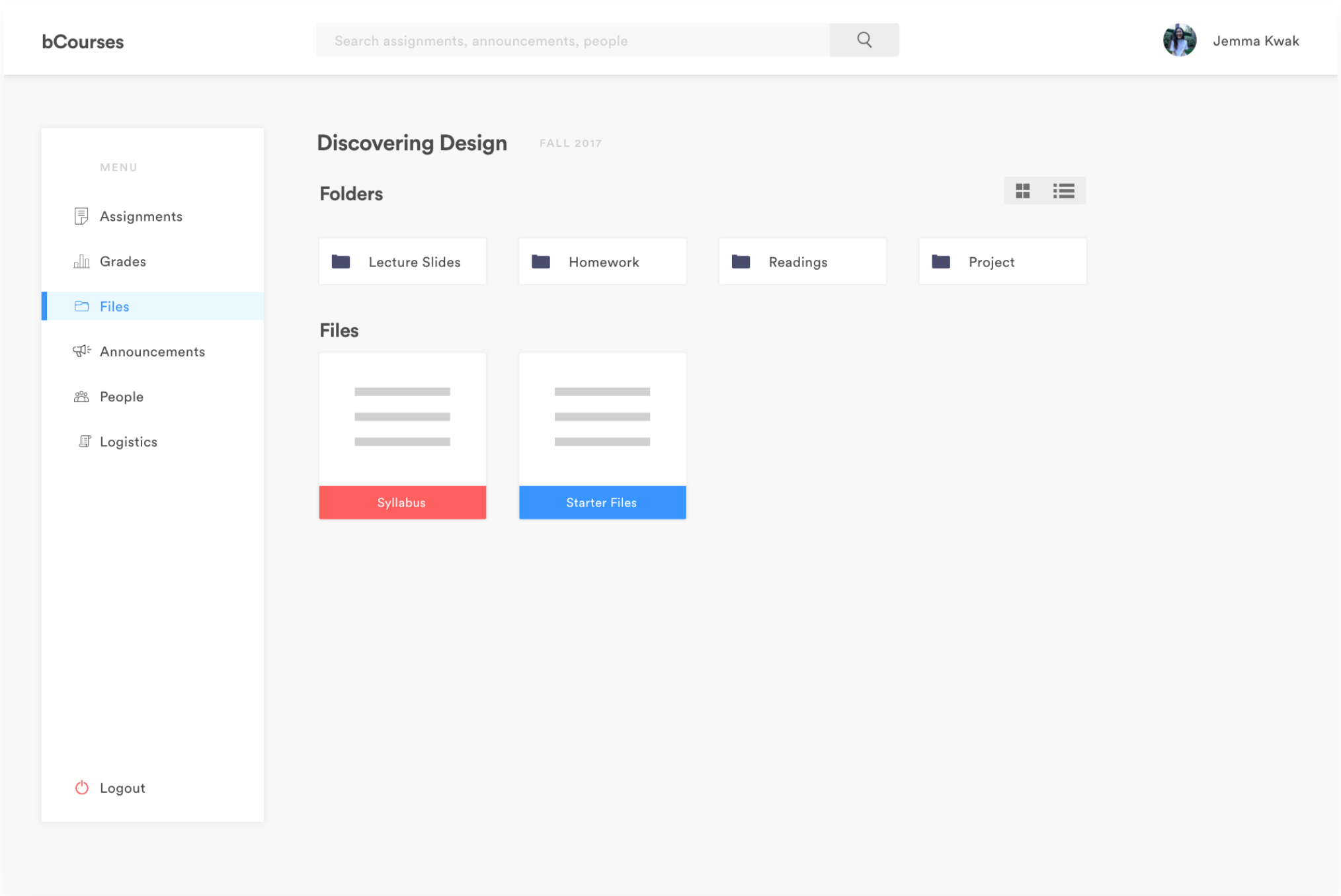
bCourses Redesign

high fidelity



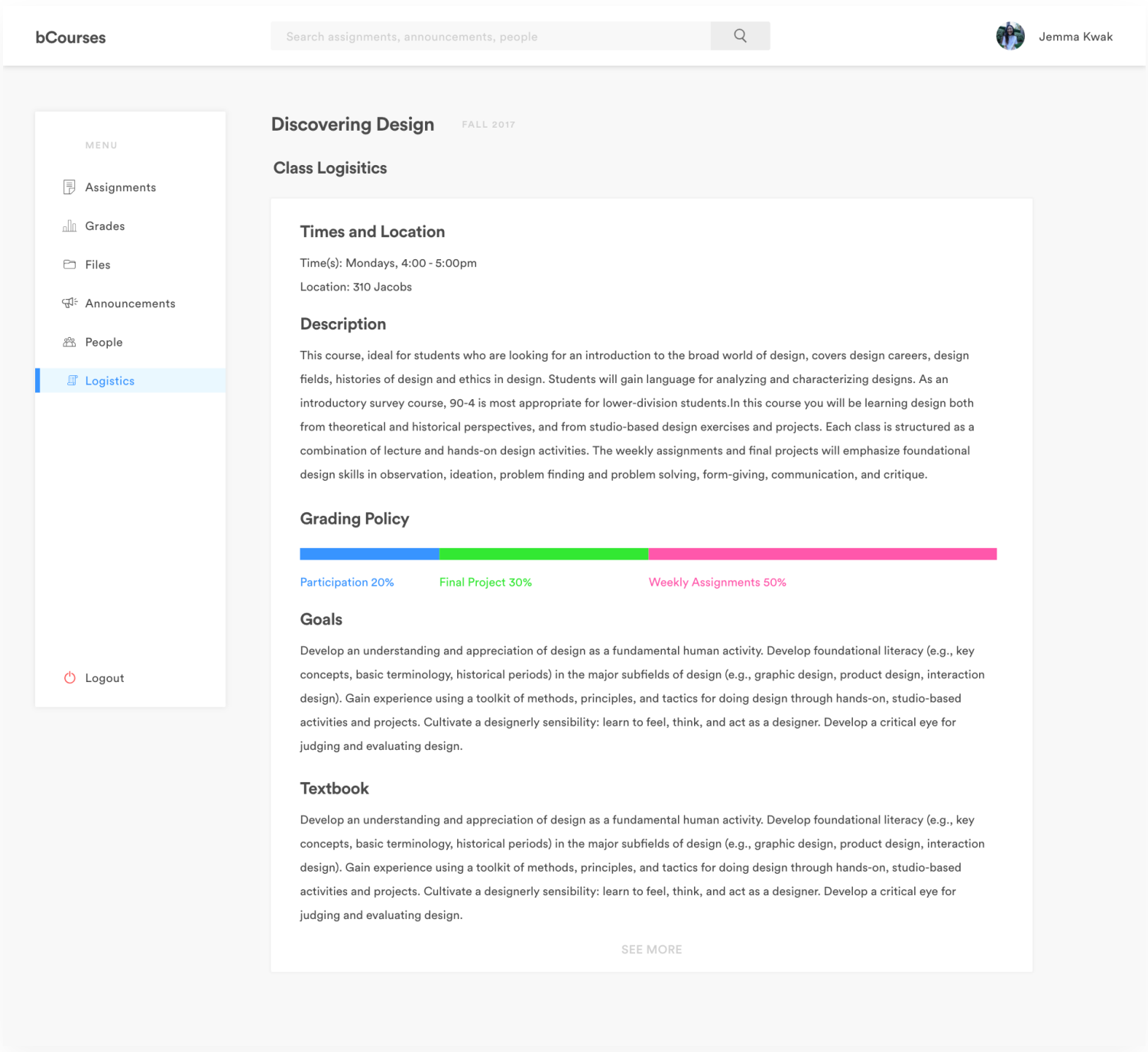
bCourses Redesign

high fidelity



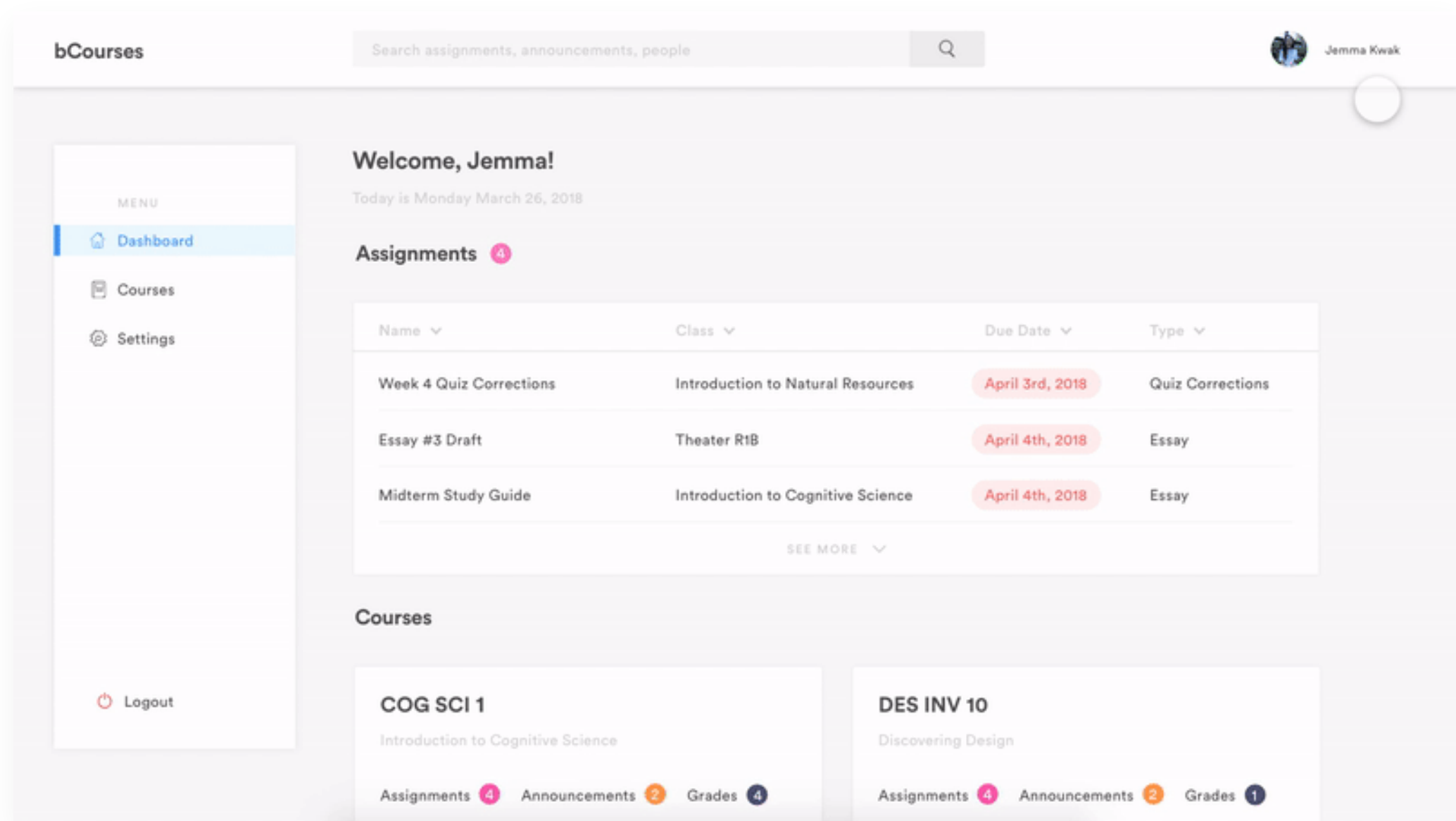
bCourses Redesign

high fidelity



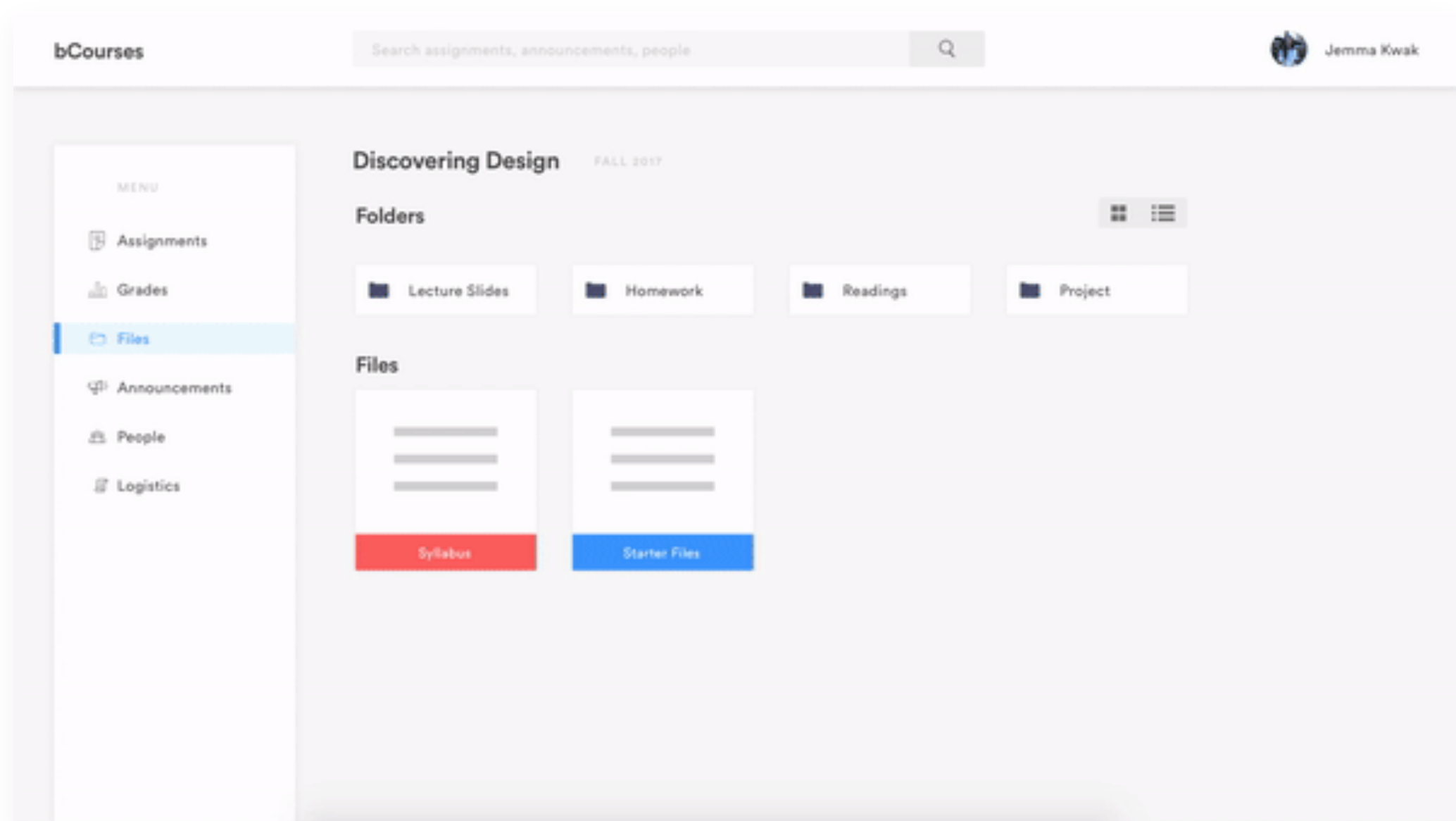
bCourses Redesign

high fidelity



bCourses Redesign

high fidelity



bCourses Redesign

high fidelity

The screenshot shows the bCourses interface for the 'Discovering Design' course in Fall 2017. The 'People' tab is selected, displaying a table of instructors and teaching assistants. The table has columns for Name, Role, and Email. The 'People' menu item is highlighted in the left sidebar.

Name	Role	Email
James Pierce	Instructor	jamespierce@berkeley.edu
Claire Dunnington	Teaching Assistant	clairedunnington@berkeley.edu
Shahrazad Shirvani	Teaching Assistant	shahrazadshirvani@berkeley.edu
Terry Howard	Teaching Assistant	terryhoward@berkeley.edu
Janice Young	Teaching Assistant	janiceyoung@berkeley.edu
Heather Reyes	Teaching Assistant	heatherreyes@berkeley.edu

bCourses Redesign

takeaways

Berkeley students are driven and motivated to succeed in their classes, and deserve need a more engaging platform to feel connected to their classes. I loved contributing to solution that would help my fellow peers