Jens Peter Hansen
Koncern Digital

OPEN EDX OVERBLIK

OPEN EDX OVERVIEW

Open edX: Your own learning management platform

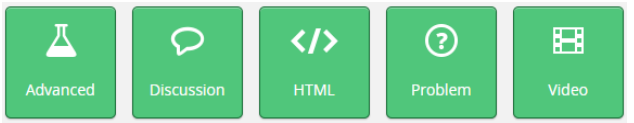
- Create multimedia course content
- Allow learners to take advanced course content
- Monitor learner progress

- Leverage a full-suite learning framework including online course material (text, video, interactive), advanced assessments, discussions, wikis, metrics and more

- Customize edX for your needs depending on your specific use-case

SEGES

FEATURE OVERVIEW



1. Registration and Login management

- Learners, Instructors, Staff, Admins

2. Rich Courseware

-Content Creation

-Learner Experience

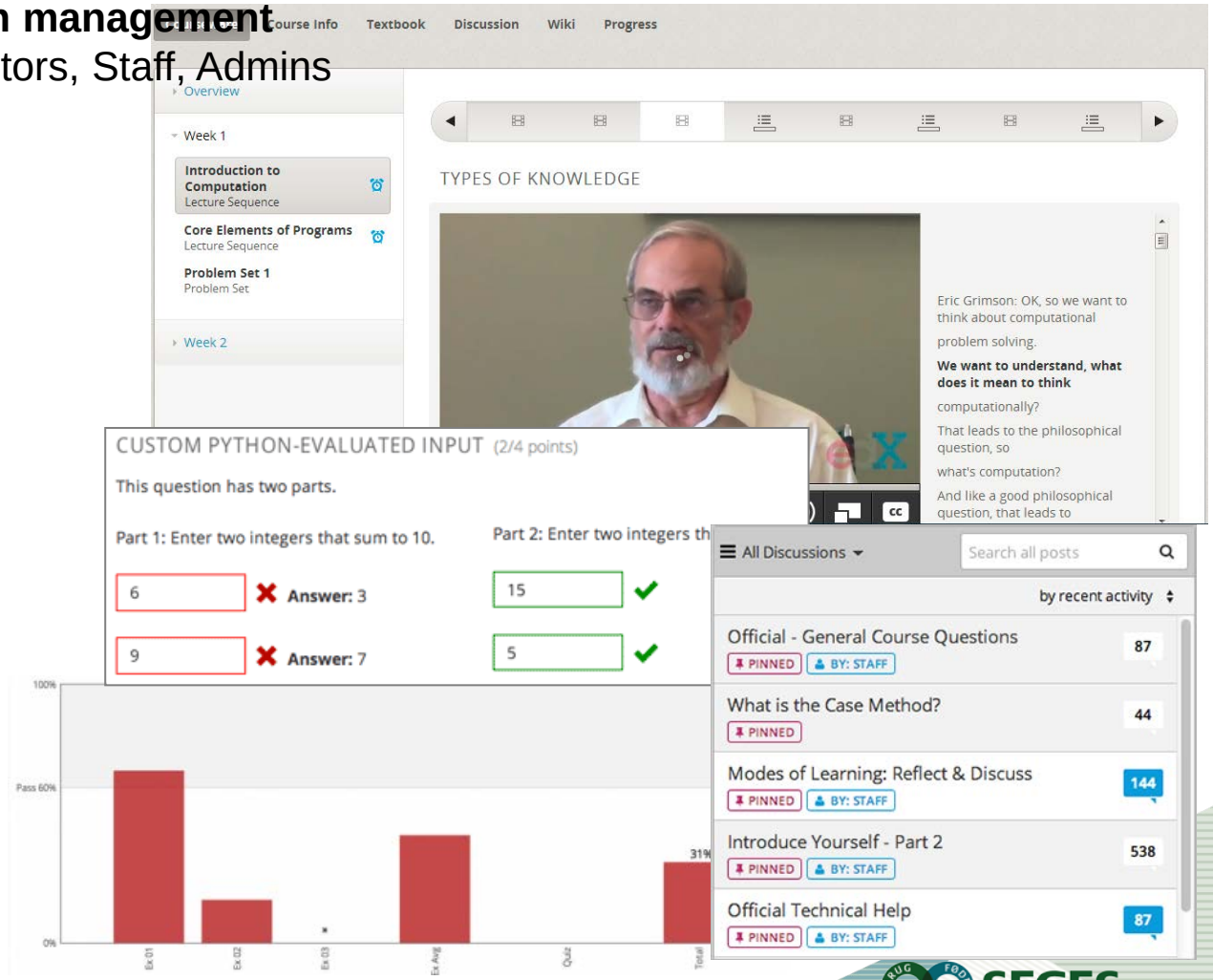
Core course material
Assessments
Discussion boards
Wiki pages
Certification

3. Learning Analytics

-Enrollment stats

-Performance breakdown

-Grading



OPENedX FEATURES

1. Signup/Registration
Different user types with different roles are supported on the edX default platform.
Course Student (Student)
Course Staff (Admin)
Instructors (Admin)
Beta Testers (Admin)
Discussion Admins (Admin)
Discussion Moderators (Admin)
Discussion Community TAs (Admin)

2. Content Management
edX Content Management Studio
Central authoring tool with advanced course content creation and management features

3. Reporting and Analytics
User Info
Level of Education
Overall Grade Distribution
Instructor dashboard
Student Gradebook
Student Profile information
Lesson Grade Distribution
User progress page (access from instructor dashboard)
Site Tracking
Session Data
Google analytics
Pageviews
Region/Location
Video Tracking
Region
Total video clicks

4. Courseware
Support and annotations to existing text
Discussion Board
Content types:
- HTML
- Text
- Announcement
- Full Screen Image
- Iframe
- Raw HTML
- Zooming Image

5. Problems basic
- Blank Common Problem
- Checkboxes
- Dropdown
- Multiple Choice
- Text Input

6. Problem advanced
- Blank advanced problem
- Circuit Schematic Builder
- Custom JS Display and Grading
- Custom Python Evaluated Input
- Drag and Drop
- Image Mapped Input
- Math Expression Input
- Molecular Structure
- Peer Assessment
- Video player support

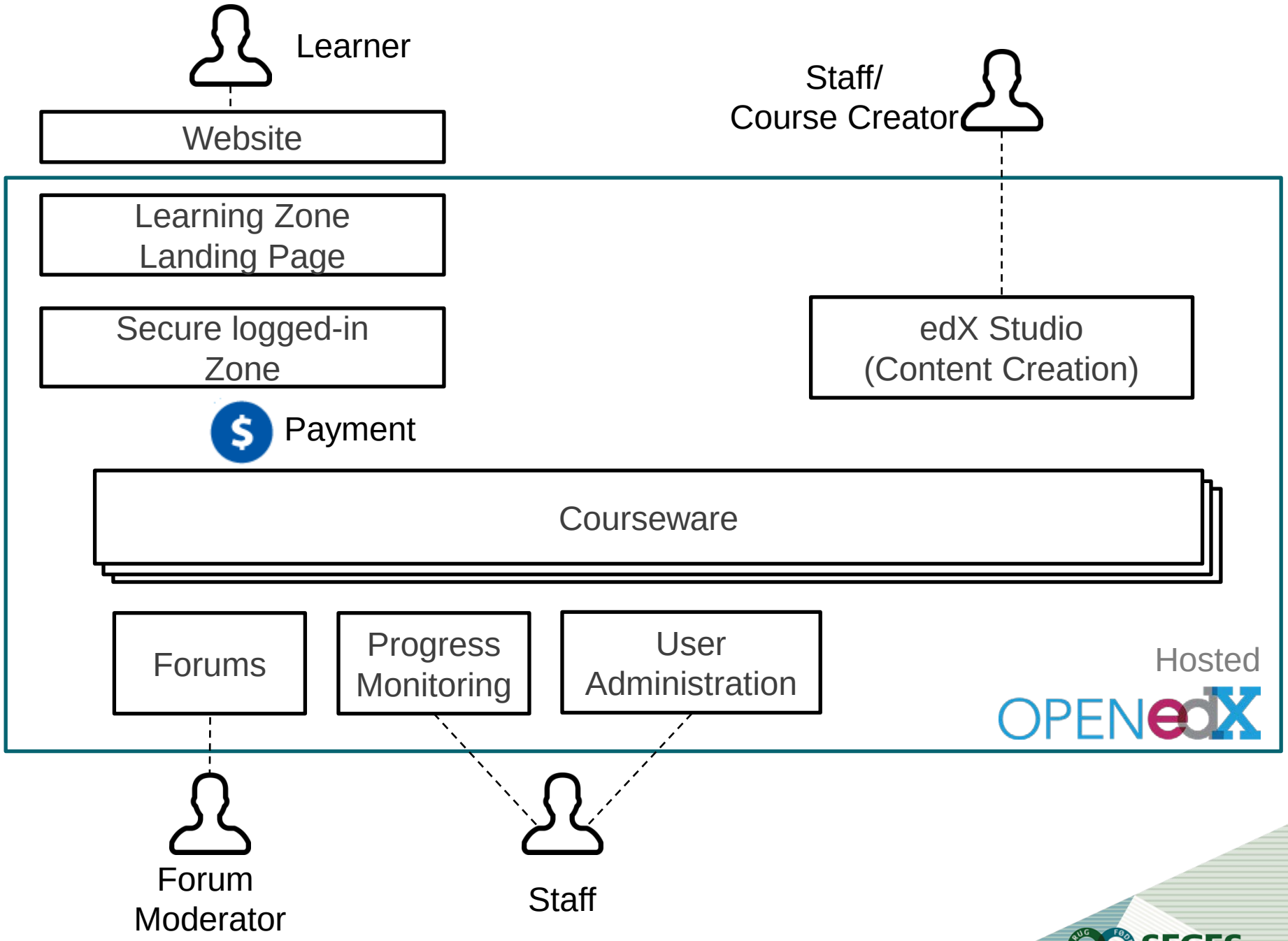
7. Open Source xBlocks
- Mentoring
- Image explore
- Simulation
- Polls & Surveys
- Google Docs

8. Misc. Features Requiring Customization
Branding
Theming
Custom Homepage
SEO
Teaching and Learning Tools
Course UI Customization
Course Certification
Custom exercises (xblocks)
Integration
External LMS Integration
SSO (Single SignOn)
LTI

9. Mobile (Needs customization)
Native Mobile App
Responsive UI
Mobile ata and Analytics
Mobil Insights (edX Reporting Dashboard)
Advanced Reporting Dashboard

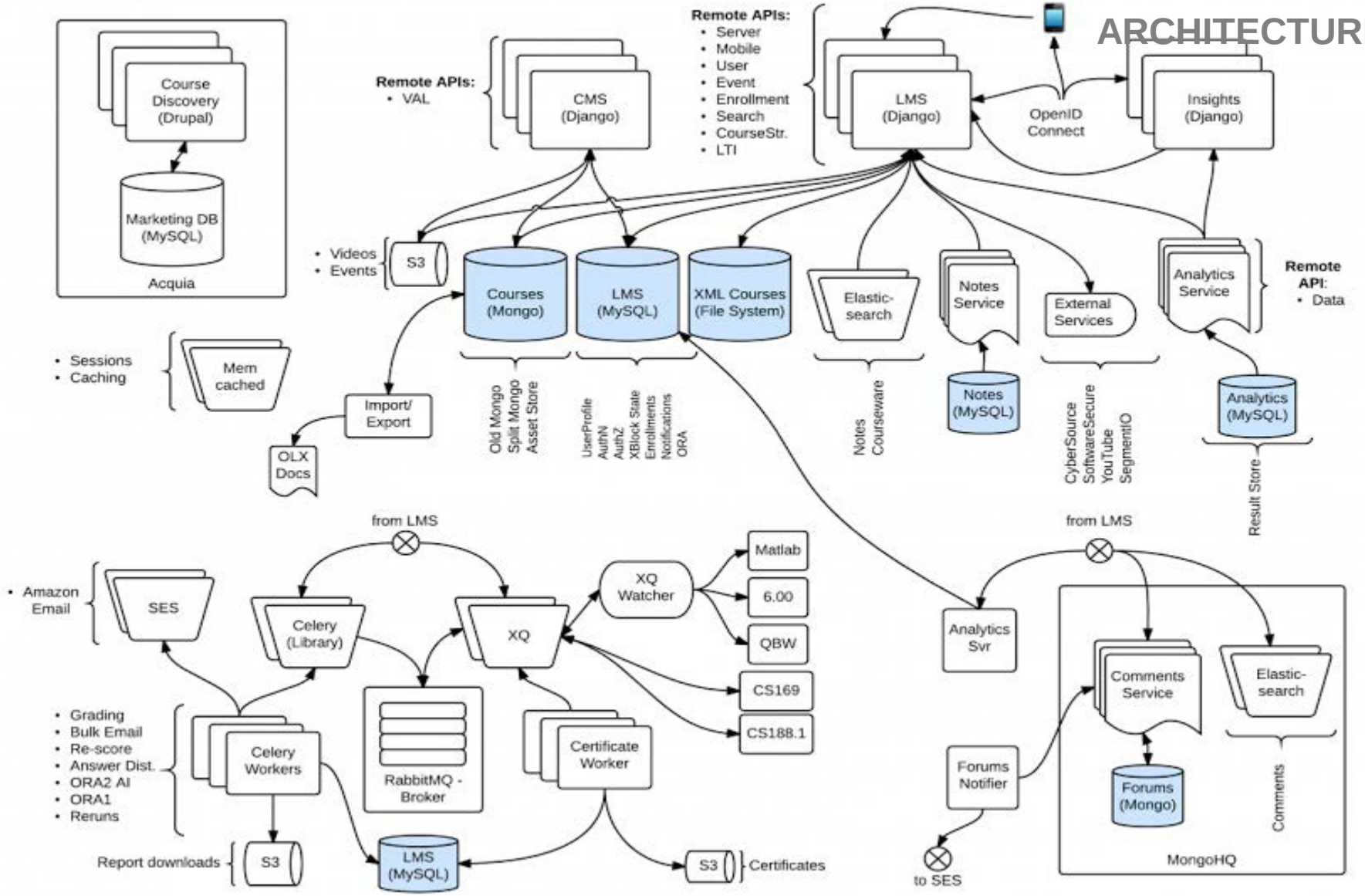
10. Social
User Profiles
Social Integration (Linkedin/fb/twitter)
Badging
Course User Map
Extending Platform - CMS System
Custom metadata Integration with LMS
Custom User Registration

11. E-commerce
Paid Course
Paid Certificate Course
Video
Third Party Video Integration


Learner
Website
Staff/
Course Creator
Learning Zone
Landing Page
Secure logged-in
Zone
edX Studio
(Content Creation)
Payment
Courseware
Forums
Progress
Monitoring
User
Administration
Hosted
OPENedX
Forum
Moderator
Staff

edX CMS, LMS, Insights Architecture 02.26.2015

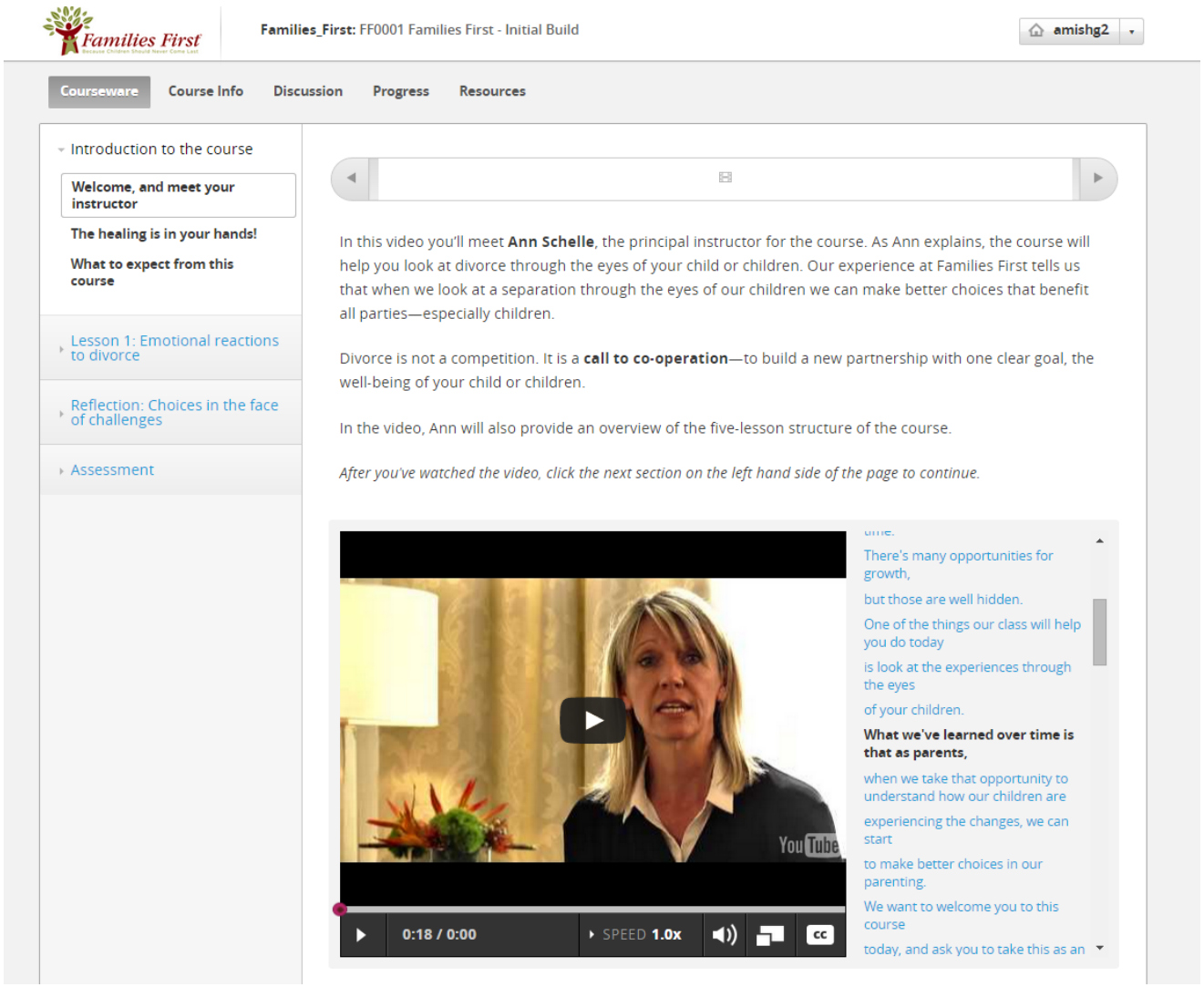
OPENedX
ARCHITECTURE



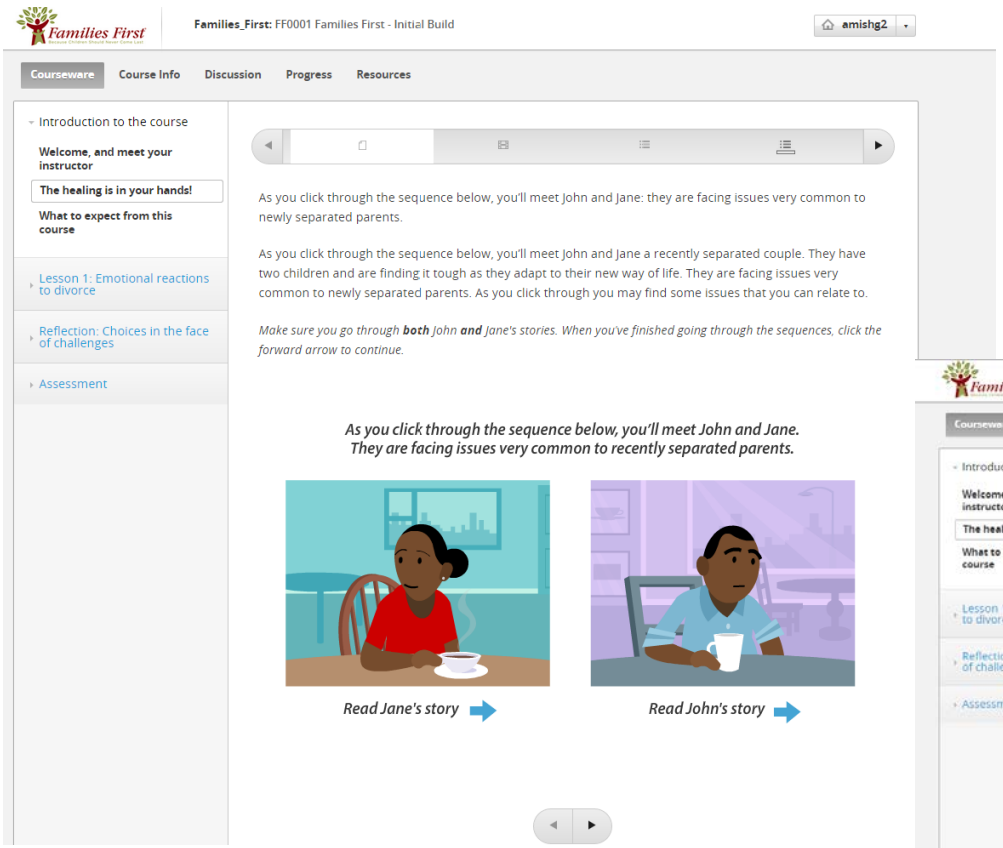
LEARNING EXPERIENCE

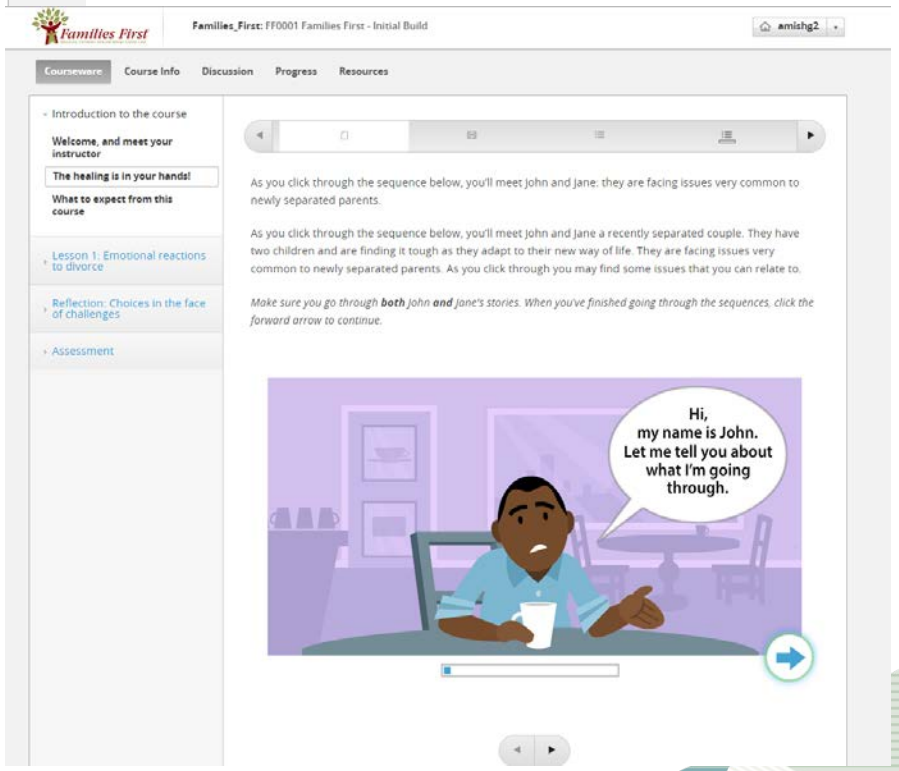
Progress oriented, keep track of where you are navigation and workflow

Video with clickable transcripts

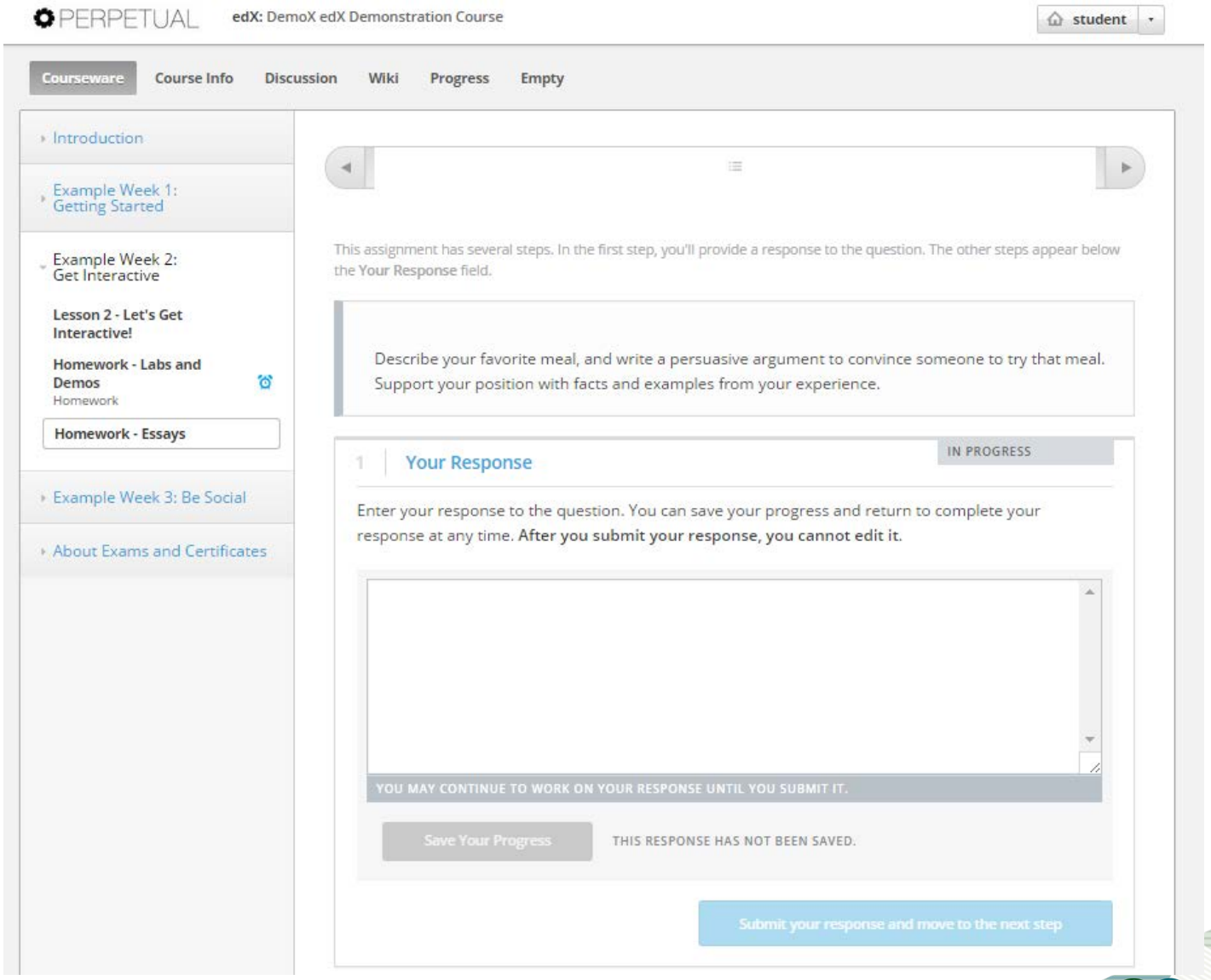


Interactive Animations

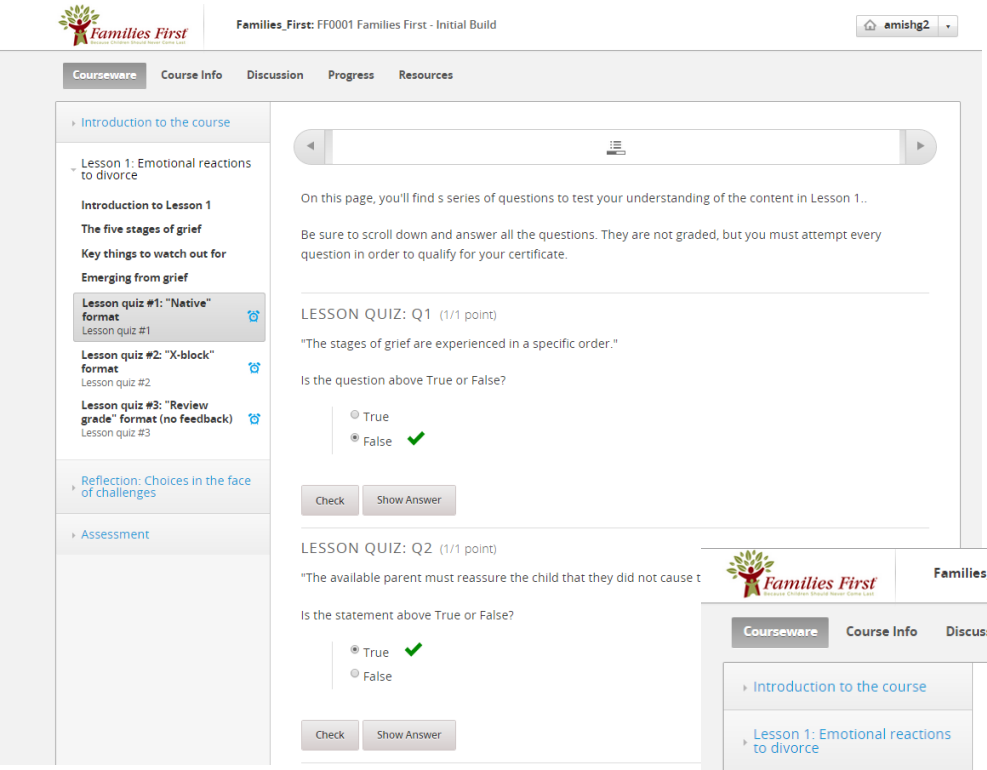


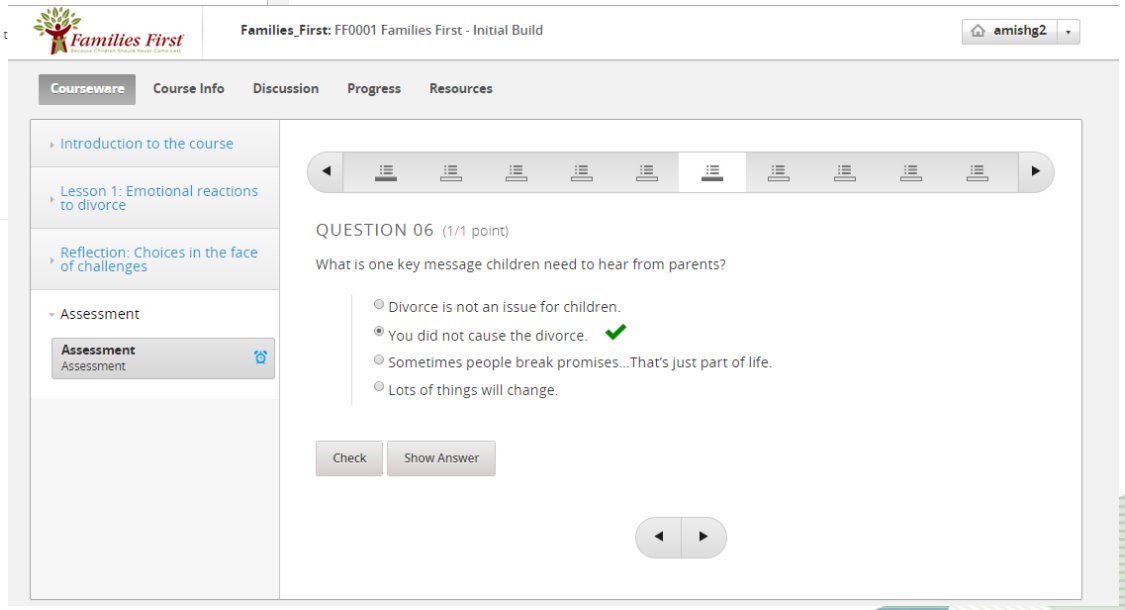


Essays

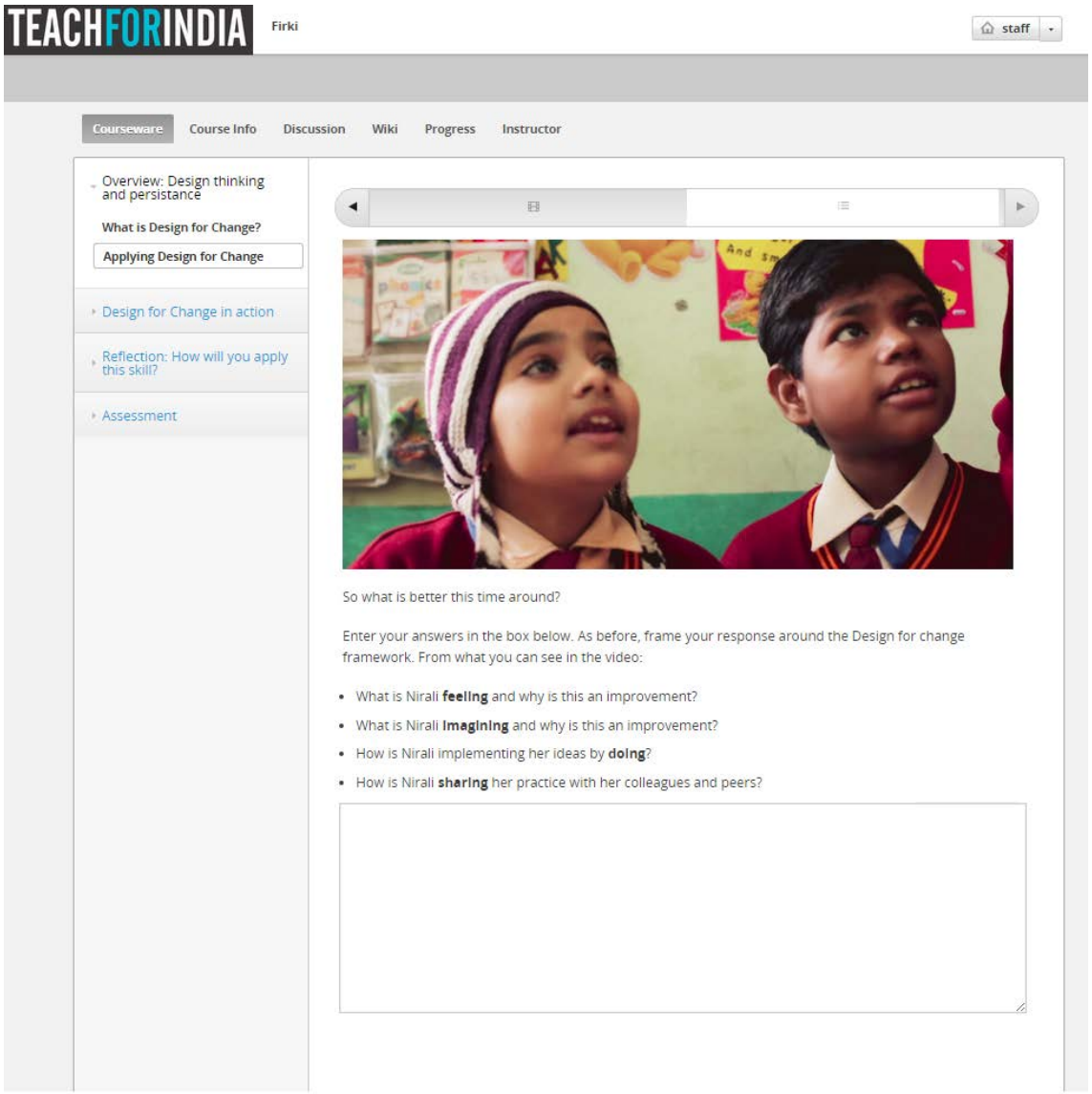

PERPETUAL
edX: DemoX edX Demonstration Course
student
Courseware
Course Info
Discussion
Wiki
Progress
Empty
Introduction
Example Week 1: Getting Started
Example Week 2: Get Interactive
Lesson 2 - Let's Get Interactive!
Homework - Labs and Demos
Homework
Homework - Essays
Example Week 3: Be Social
About Exams and Certificates
This assignment has several steps. In the first step, you'll provide a response to the question. The other steps appear below the Your Response field.
Describe your favorite meal, and write a persuasive argument to convince someone to try that meal. Support your position with facts and examples from your experience.
1
Your Response
IN PROGRESS
Enter your response to the question. You can save your progress and return to complete your response at any time. After you submit your response, you cannot edit it.
YOU MAY CONTINUE TO WORK ON YOUR RESPONSE UNTIL YOU SUBMIT IT.
Save Your Progress
THIS RESPONSE HAS NOT BEEN SAVED.
Submit your response and move to the next step

Assessments





Multimedia with Q&A



Infographics

PERPETUAL **Firki:** TFI00012 Teachers as Change-Makers

student

Courseware | Course Info | Discussion | Wiki | Progress

- Teachers as Change-Makers
  - Welcome!
  - **Mindsets for powerful teaching**
  - Feel-Do-Imagine-Share
  - Subsection

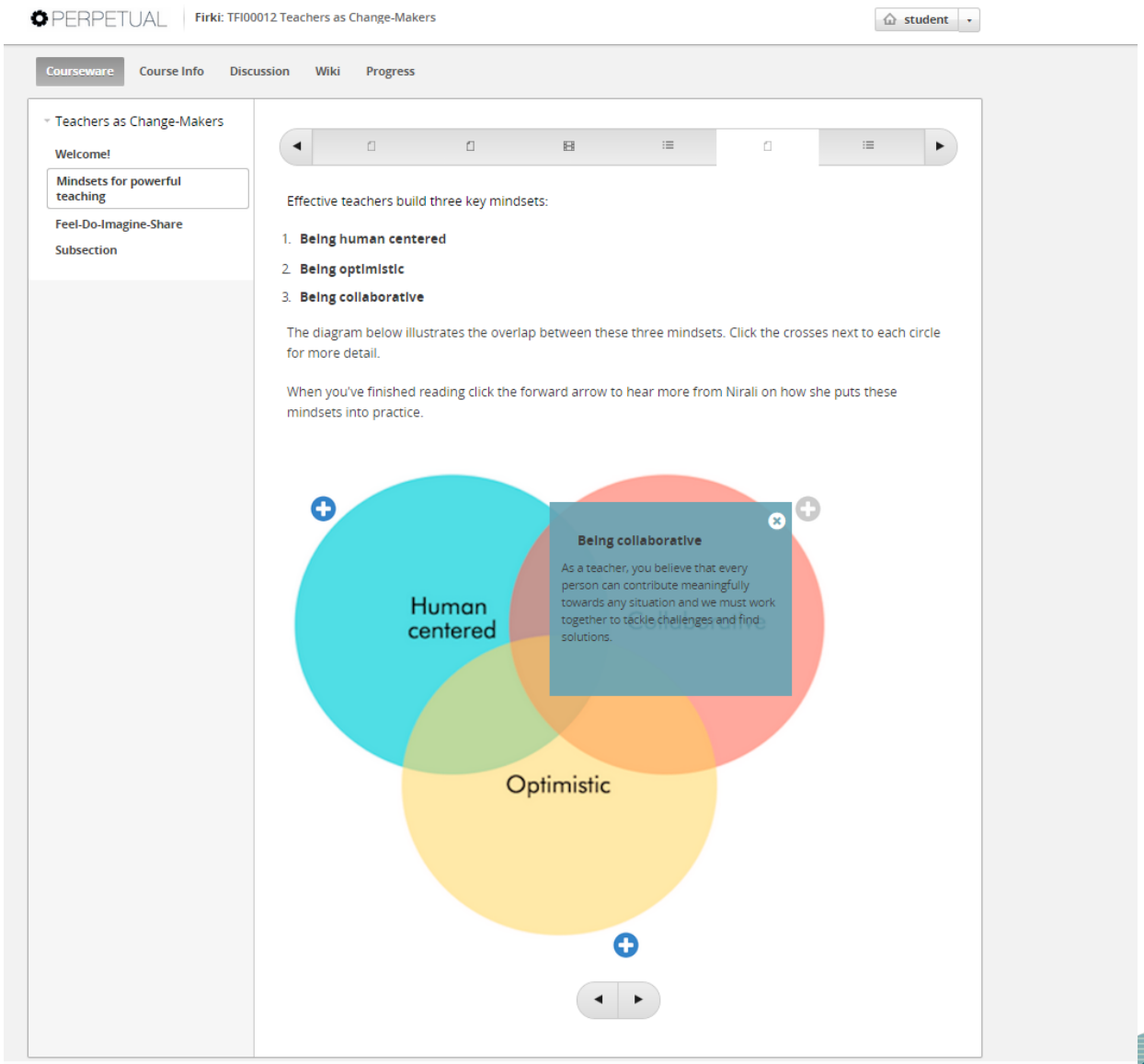
As a teacher, the mindsets you have will have a strong influence on your students. In a classroom where the teacher sees herself/himself as a **leader**, we see a sense of **collective purpose**, a sense of **focus** and **urgency** from both students and teachers. We see students taking ownership of their learning and development. We see teachers driven towards helping every child in the classroom identify and fulfill his or her own potential. This can be illustrated as:

On the next page, we're going to see what this looks like in practice, as we witness the effect a powerful teacher mindset has on students. We're going to visit a classroom in Sangam Vihar, Delhi. In the video we'll meet the teacher, **Nirali Vasisht**, and we'll also hear from a number of her students.

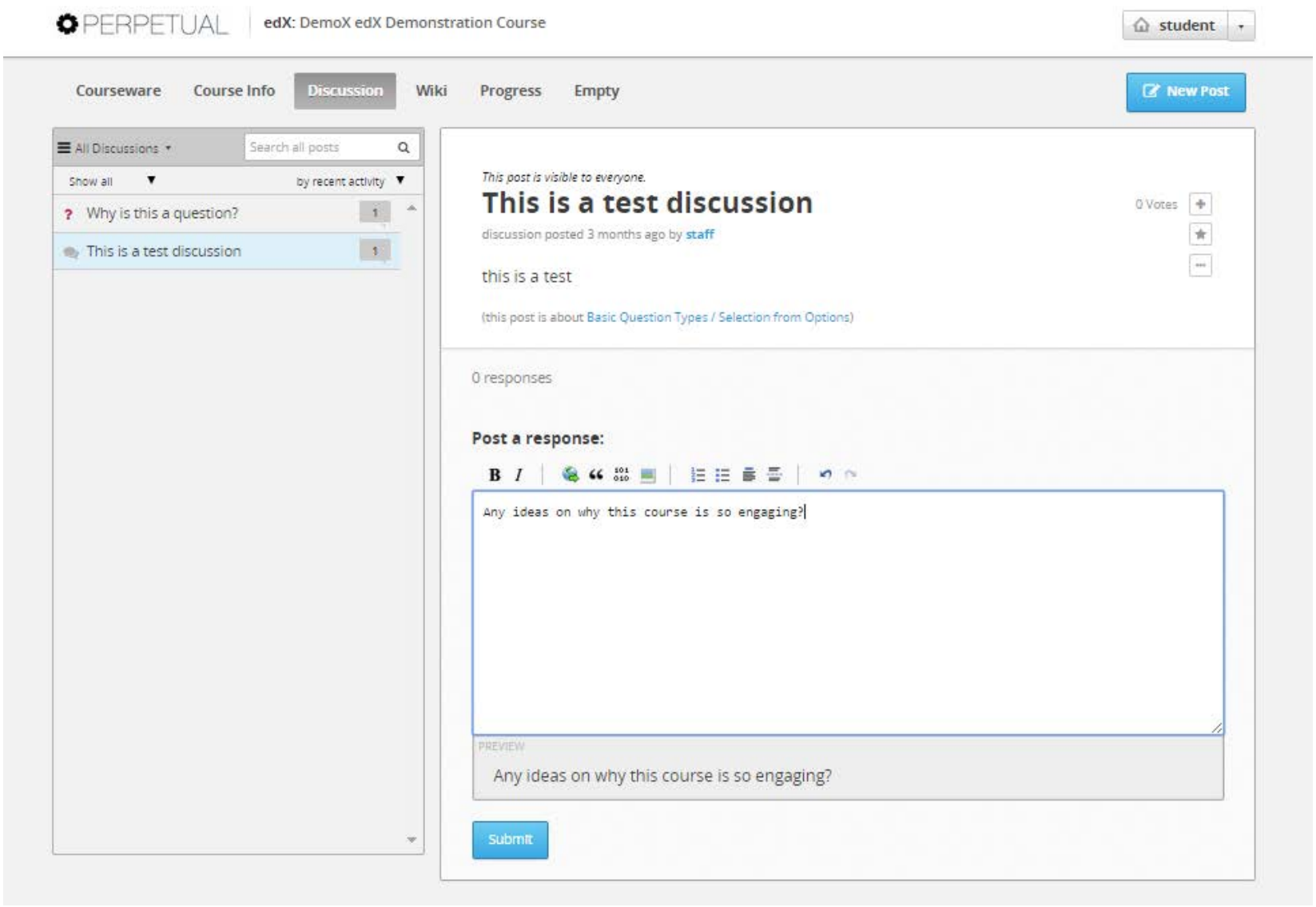
Click forward to visit Nirali's classroom, and hear from her students.

SEGES

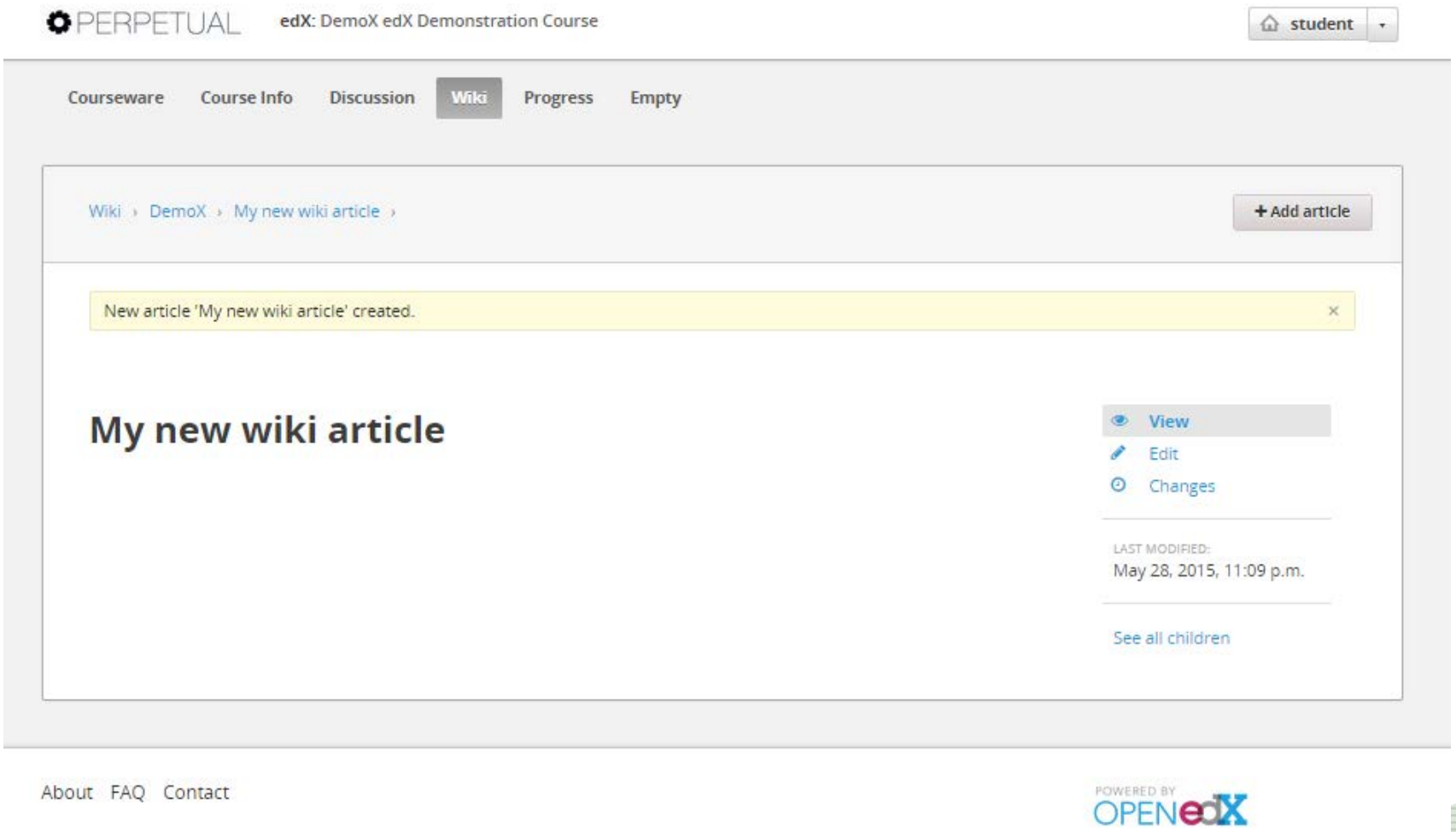
Interactive Graphics - Tutorials



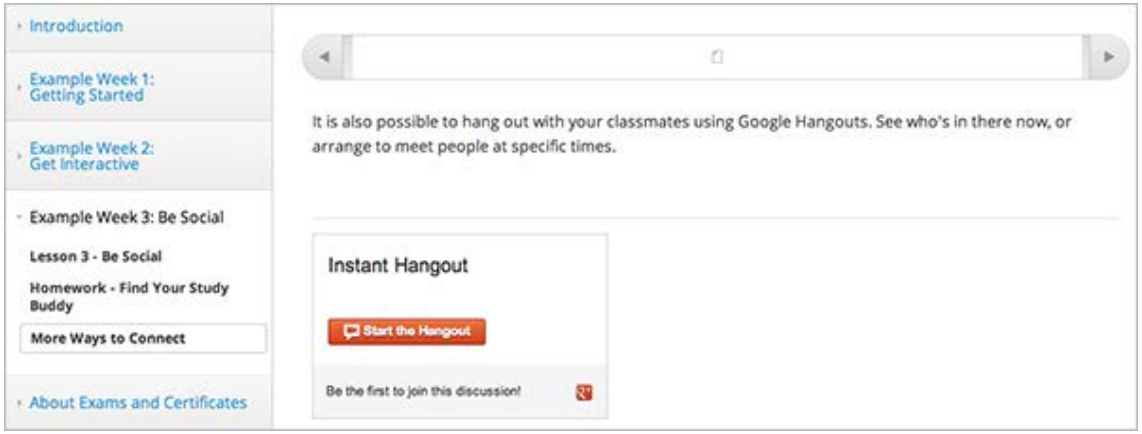
Discussions

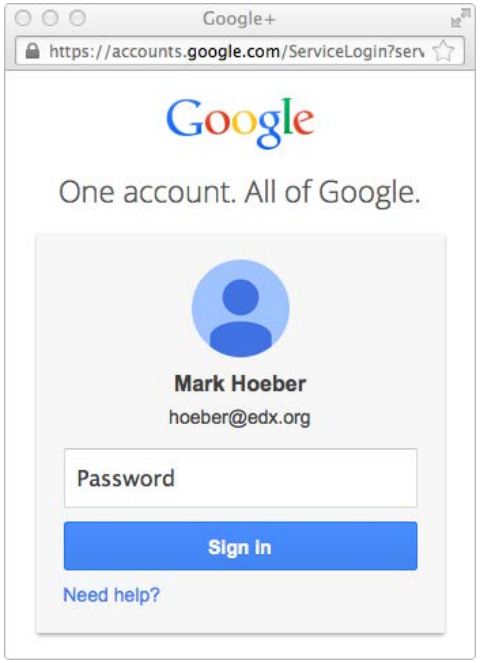


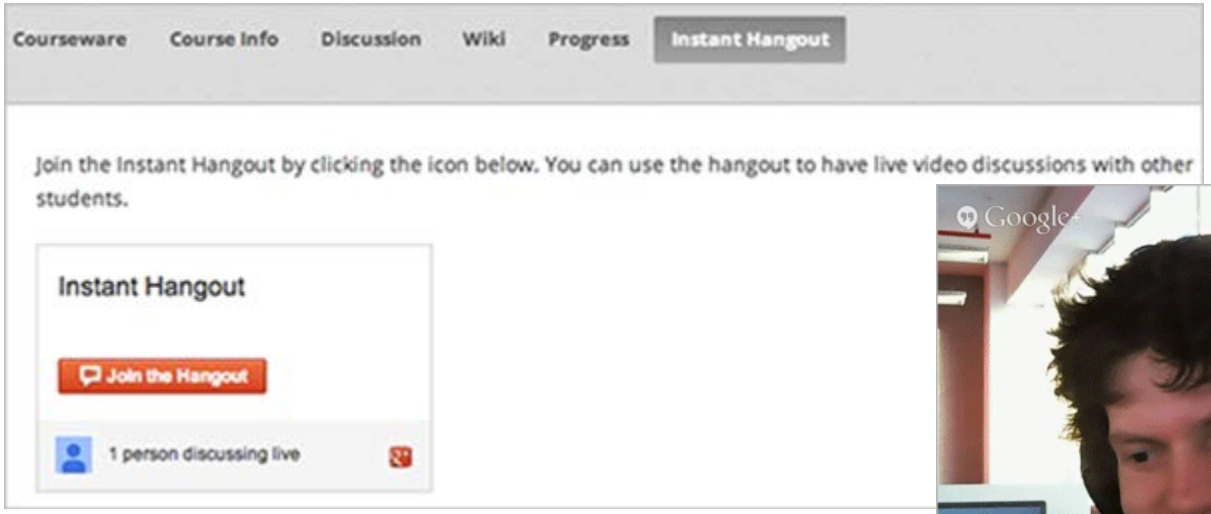
Wiki

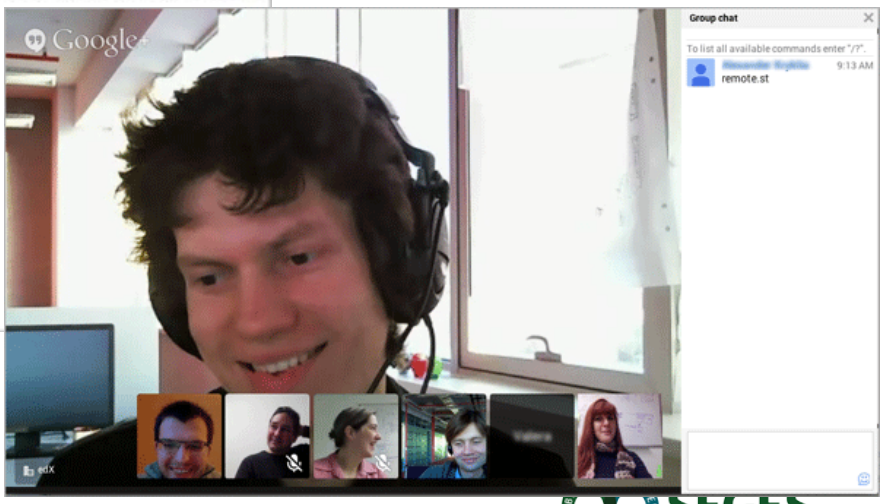

PERPETUAL
edX: DemoX edX Demonstration Course
student
Courseware
Course Info
Discussion
Wiki
Progress
Empty
Wiki › DemoX › My new wiki article ›
+ Add article
New article 'My new wiki article' created.
My new wiki article
View
Edit
Changes
LAST MODIFIED:
May 28, 2015, 11:09 p.m.
See all children
About FAQ Contact
POWERED BY
OPENedX

GOOGLE HANGOUTS









CUSTOM CONTENT COHORTING

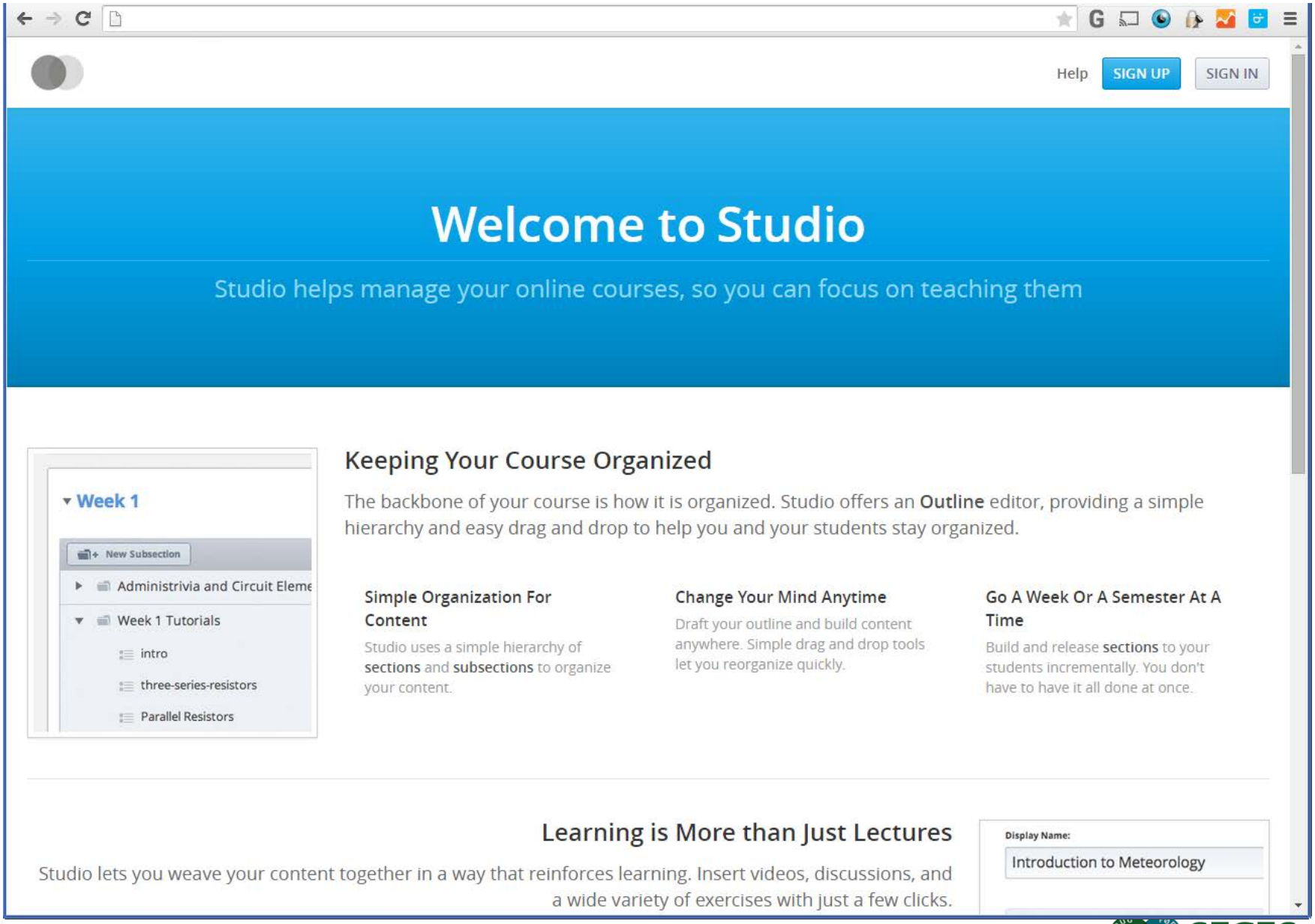
- Ability to organize content based on cohorts

  Cohort specific:

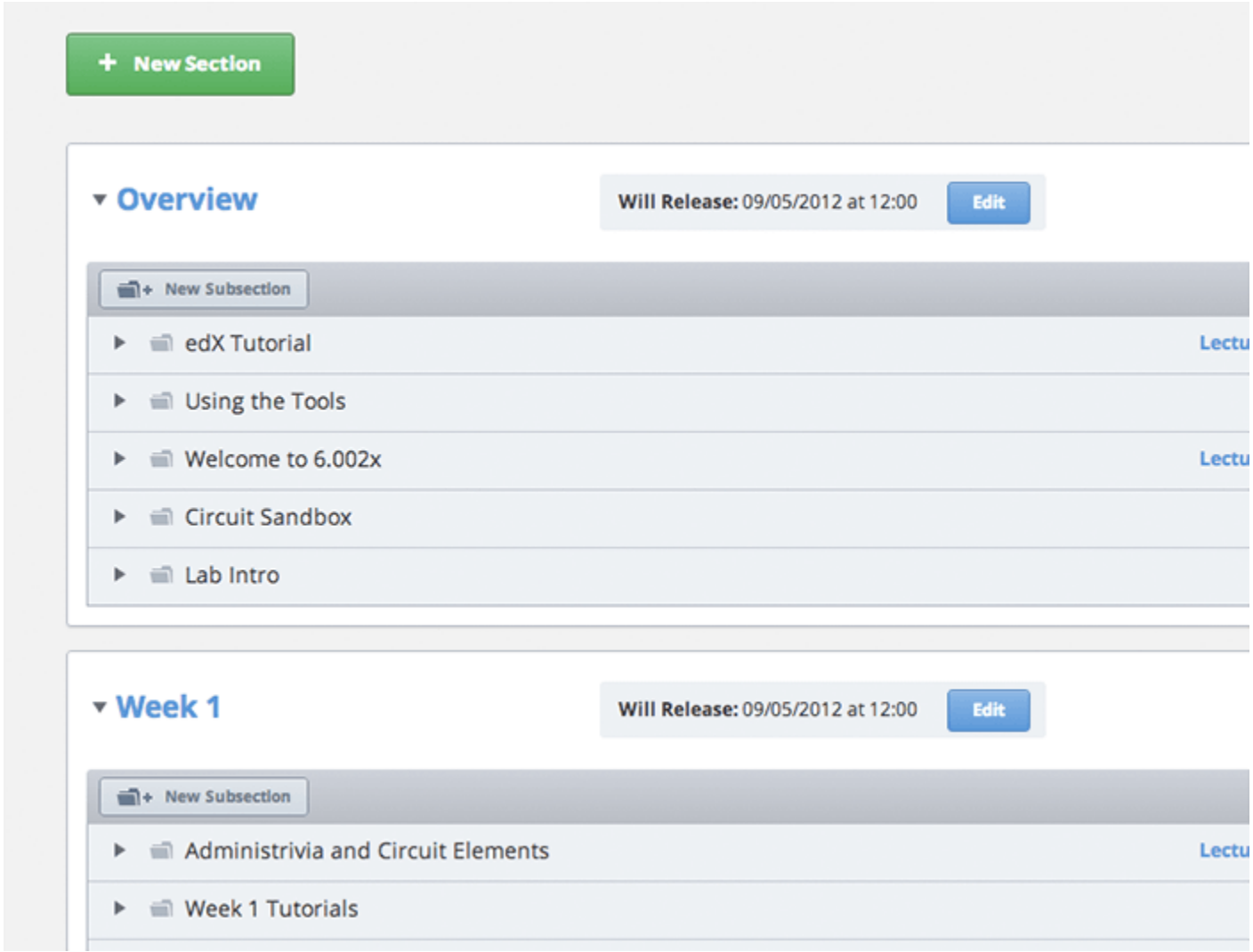
  - Discussions
  - Interactive Exercises/Quizzes
  - All courseware

CONTENT CREATION

edX Studio Authoring Tool

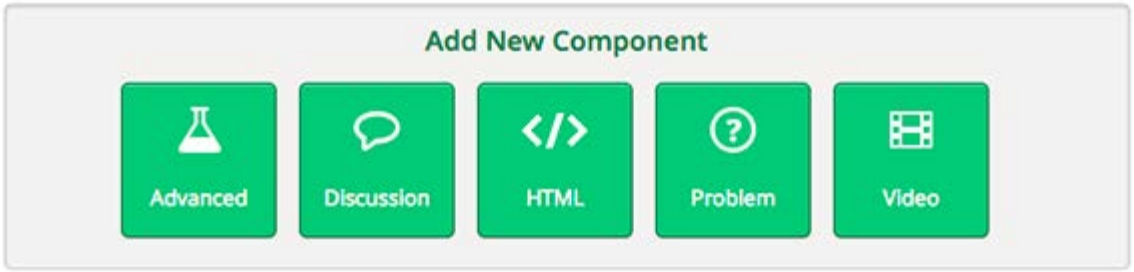


SEGES


+ New Section
Overview
Will Release: 09/05/2012 at 12:00
Edit
New Subsection
edX Tutorial
Lectu
Using the Tools
Welcome to 6.002x
Lectu
Circuit Sandbox
Lab Intro
Week 1
Will Release: 09/05/2012 at 12:00
Edit
New Subsection
Administrivia and Circuit Elements
Lectu
Week 1 Tutorials

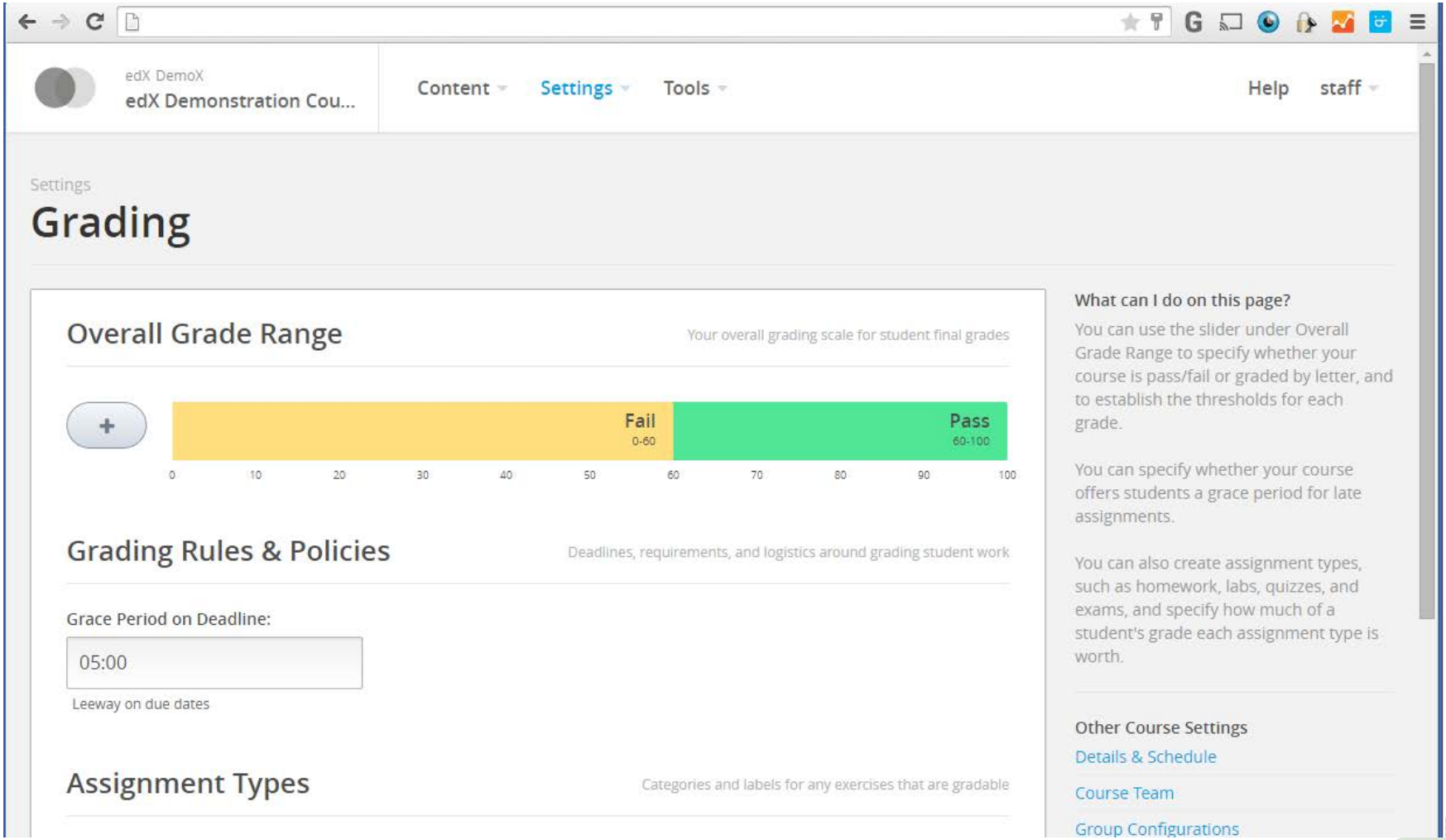
SEGES

ABILITY TO EASILY CREATE DIFFERENT CONTENT/ASSESSMENT TYPES



And several other edX Modules (xBlocks)

GRADING


edX DemoX
edX Demonstration Cou...
Content
Settings
Tools
Help
staff
Settings
Grading
Overall Grade Range
Your overall grading scale for student final grades
Fail
0-60
Pass
60-100
0
10
20
30
40
50
60
70
80
90
100
Grading Rules & Policies
Deadlines, requirements, and logistics around grading student work
Grace Period on Deadline:
05:00
Leeway on due dates
Assignment Types
Categories and labels for any exercises that are gradable
What can I do on this page?
You can use the slider under Overall Grade Range to specify whether your course is pass/fail or graded by letter, and to establish the thresholds for each grade.
You can specify whether your course offers students a grace period for late assignments.
You can also create assignment types, such as homework, labs, quizzes, and exams, and specify how much of a student's grade each assignment type is worth.
Other Course Settings
Details & Schedule
Course Team
Group Configurations

CERTIFICATION

User Profile Page

edX

Course Completed - Mar 12, 2015 at 11:00 UTC

DemoX edX Demonstration Course

Your final grade: **0%**.

Your Certificate is Generating

Unenroll

edX

Course Completed - Apr 17, 2014

DemoX edX Demonstration Course

Your final grade: **0%**.

Download Your Certificate (PDF)

Unregister

Certification

edX | HarvardX

CERTIFICATE
Issued April 15th, 2013

This is to certify that

John Harvard

successfully completed

CS50x: Introduction to Computer Science I

a course of study offered by **HarvardX**, an online learning initiative of **Harvard University** through **edX**.

David J. Malan
Senior Lecturer on Computer Science
School of Engineering and Applied Sciences
Harvard University

HONOR CODE CERTIFICATE
*Authenticity of this certificate can be verified at https://verify-test.edx.org/cert/ffe464d0ed03433298eab1650d2c73d6b

LEARNING ANALYTICS

INSTRUCTOR DASHBOARD

Instructor Dashboard

COURSE INFO | MEMBERSHIP | STUDENT ADMIN | DATA DOWNLOAD | ANALYTICS

ENROLLMENT INFORMATION

Number of enrollees (instructors, staff members, and students) by track

Verified	1
Audit	1
Honor	5
Total	**7**

BASIC COURSE INFORMATION

- Organization: **edX**
- Course Number: **DemoX**
- Course Name: **Demo_Course**
- Course Display Name: **edX Demonstration Course**
- Has the course started? **Yes**
- Has the course ended? **No**
- Grade Cutoffs: **Pass: 0.6**

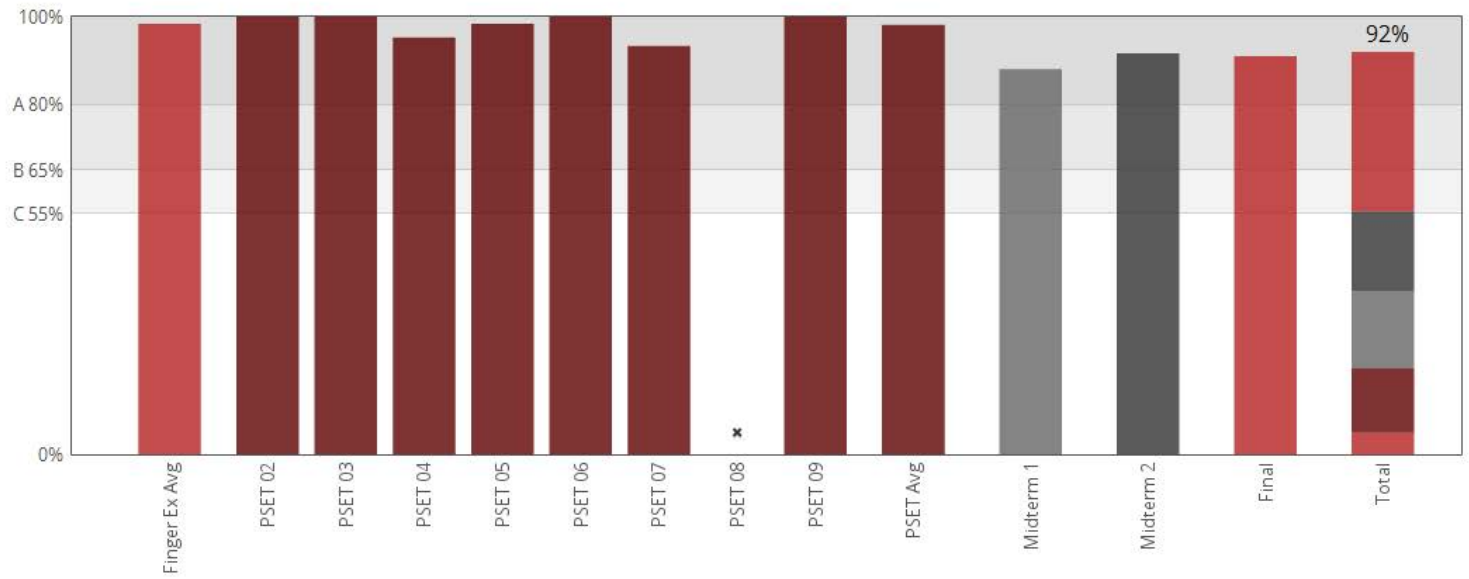
SEGES

COURSE PROGRESS

MITx: 6.00x Introduction to Computer Science and Programming

Courseware | Course Info | Discussion | Wiki | Progress

Course progress for student John Moreno



EDX INSIGHTS

- EdX Insights provides data about student activity, background, and performance throughout the course.
- Using edX Insights can help you monitor how students are doing, and validate the choices you made in designing your course.
  - Course enrollment analytics
  - Student engagement analytics
  - Student performance
  - Several other customizable features from captured data