Campus Connect 2.0

SE352 - Object Oriented Enterprise Application Development
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Overview

This version of campus connect will have a simple way to register for classes, swap out the classes you're in, and drop classes.
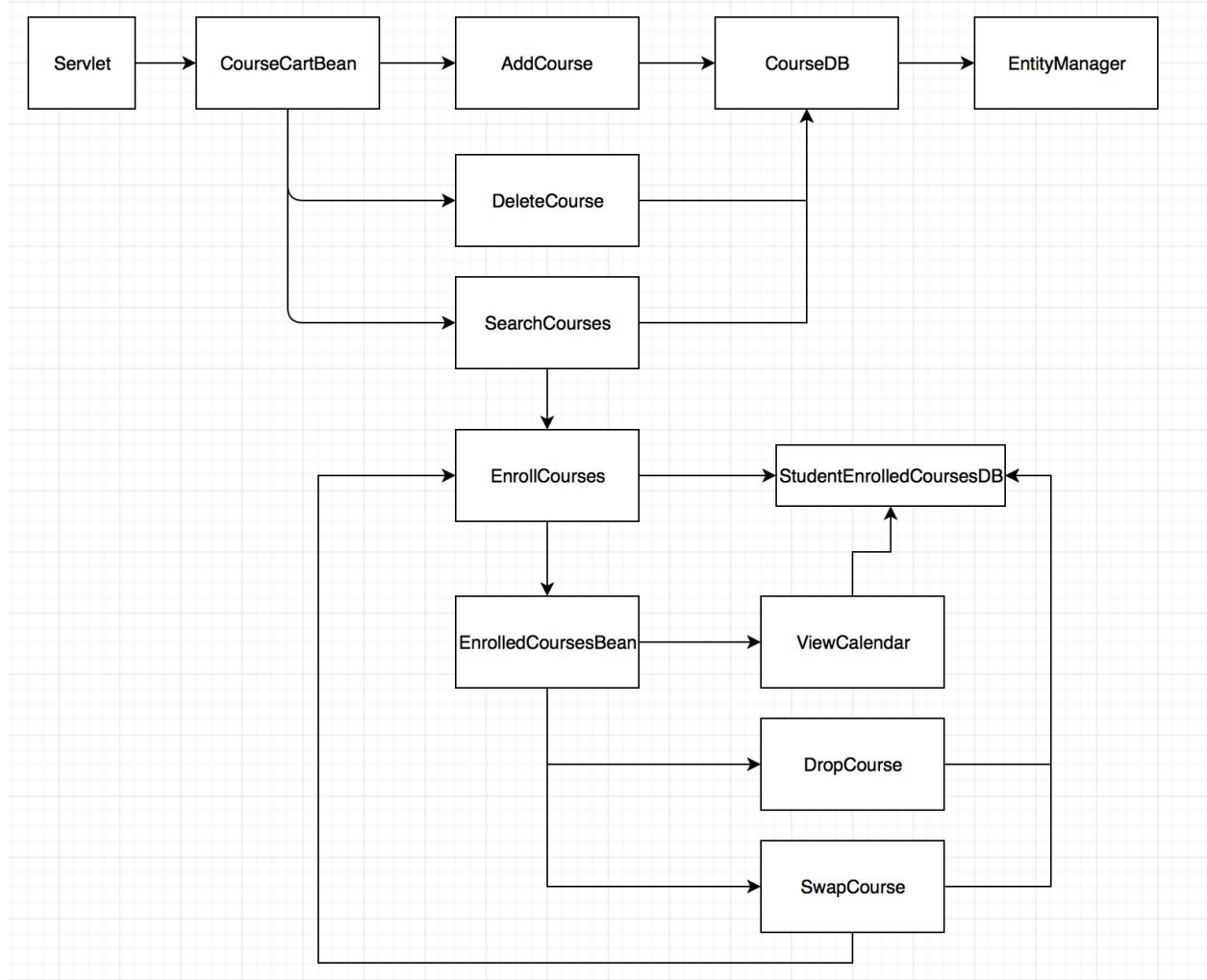
Requirements

Use Cases

- Searching for classes to take.
- Adding classes to your course cart.
- Removing classes from your course cart.
- Enrolling in classes.
- Dropping classes.
- Swapping a class you're registered in for a class in your course cart.
- Seeing a calendar view of your classes.
- Seeing list of dropped classes.
- Calendar view of course cart classes.
- Create classes as an administrator
- Delete classes as admin.
- Edit Classes as admin.
- Remove students from enrolled classes
- View enrolled students

Description of Problem

The current campus connect is very bulky and hides key features. Campus Connect 2.0 will make it easy to enroll and handle coursework - one of it's most essential features.

Design

Web UI (Common case)
Coming soon!

Table Layout
MLab Account: Username = campusConnectProject Password = ccp123

We've added MongoDB to our project for persistence through mlab. We will have at least 6 tables, but for now have just included one for show. Currently, we have implemented support to MongoDB for adding, deleting, and showing courses.

We will need a table to track students (1), a table to track available classes (2), a table to track which classes are in students' course carts (3), a table to track which courses have been completed (4), which classes have waitlists (5), and which classes they are actually enrolled in (6).

CoursesTable

courseID	instructorID	courseName	courseDesc	numEnrolled	maxStudents	termOffered

StudentsTable

stuID	fName	lName	gpa

EnrolledCourses

cID	stuID

PastCourses

cID	stuID	gpa	termTaken

CourseCartedCourses

cID	stuID

WaitlistedCourses

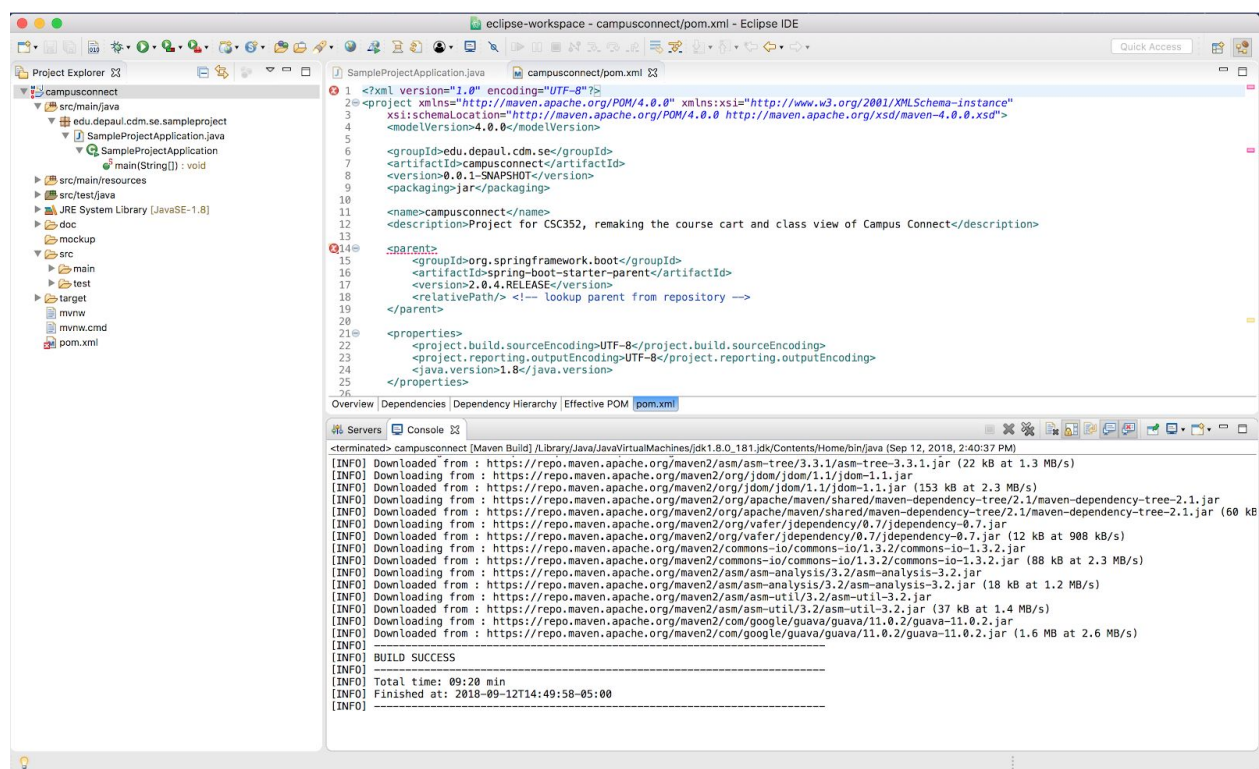| cID	stuID	position

Deployment
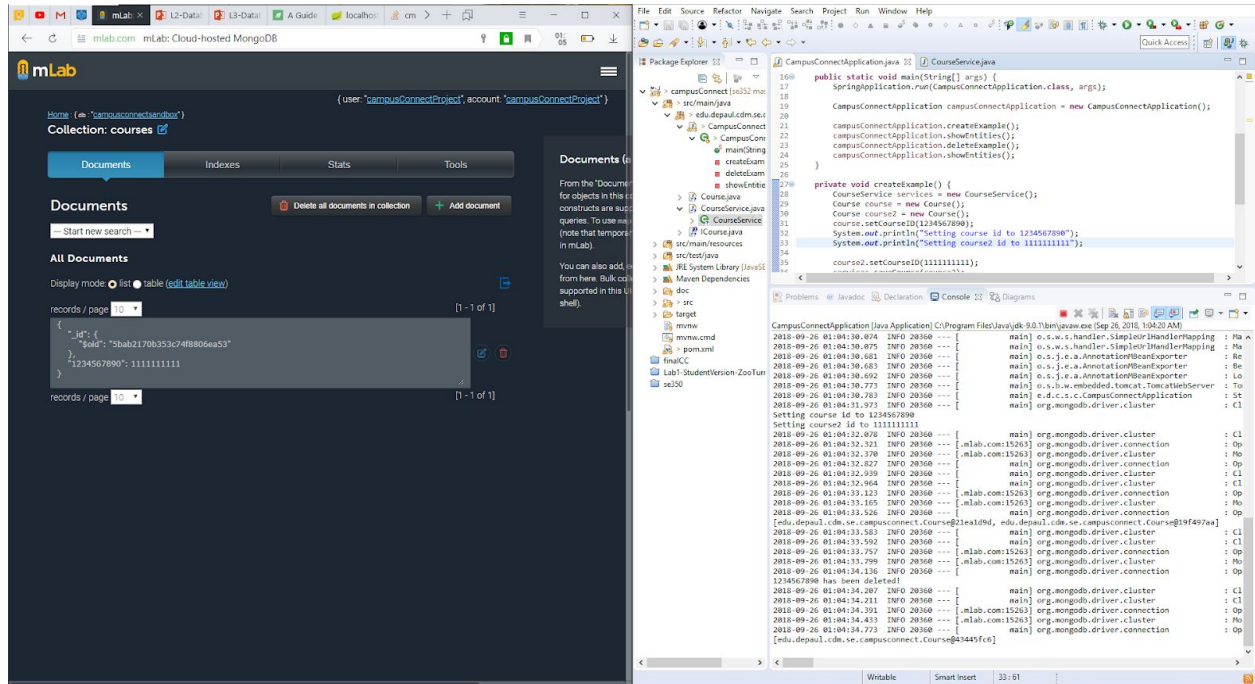Coming soon!

How Design Meets the Requirements

The requirements were to have 3 major functionalities, use a database, and Javascript and HTML - essentially a web UI. As we'd like to team up for this assignment, we have proposed 12-14 key functionalities to increase difficulty appropriately. We are planning to need some tables for the database component, but how many exactly will be determined as we move forward with design. Finally, this will be a web version of Campus Connect, so we'll be using HTML and Javascript for our Web UI.
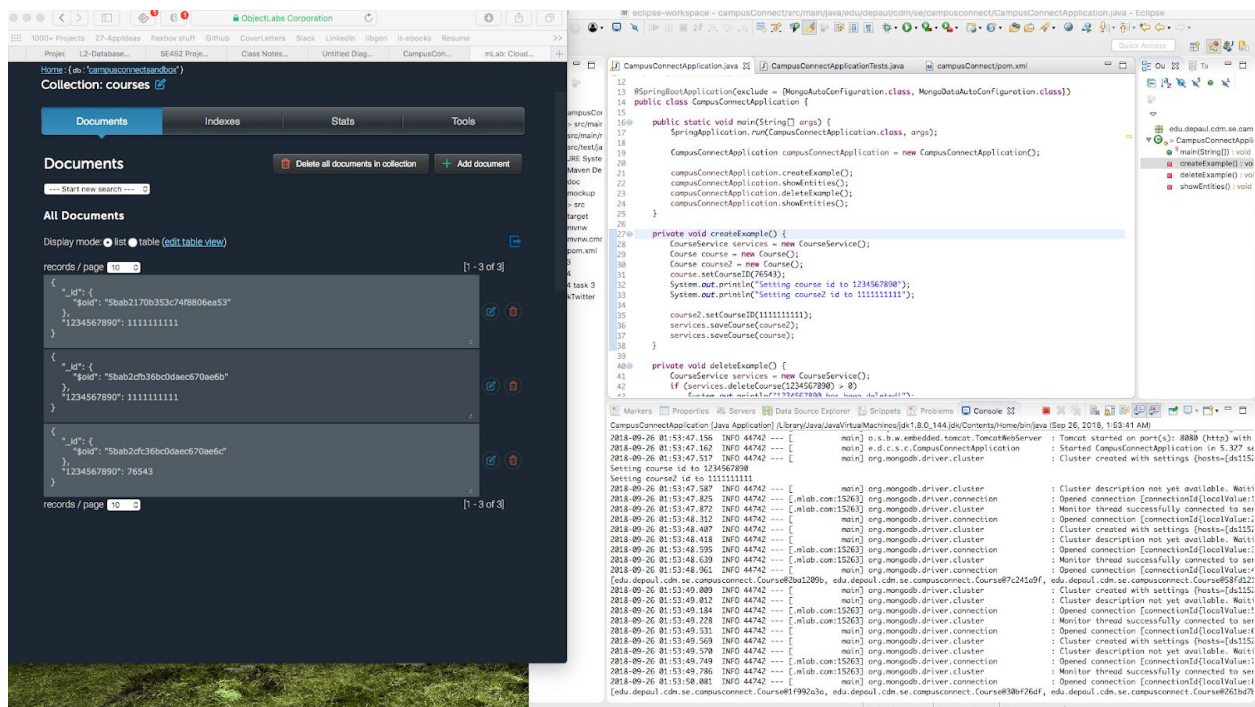
Milestone Screenshot - 1

Milestone Screenshot - 2

(Aaron)

(Artur)

(Megan)