

ABC

Sprint 2 Plan

TEAM MEMBERS

Gaurav Srivastava	— srivast6@purdue.edu
Naveen Ganessin	— nganessi@purdue.edu
Alex Rosenberg	— rosenbea@purdue.edu
Michael Schloss	— mschlos@purdue.edu

SPRINT OVERVIEW

The main parts of this sprint include Courses, Announcements (Messages), and FileUploads. We would like to be able to store course data, announcements, and files in the database and retrieve them from the user interface by the end of this sprint. We also intend to finish any remaining portions of the previous sprint, including code having to do with Grades.

Michael Schloss is the SCRUM master. We will be meeting on Monday's from 10:30a - noon. If necessary, we will meet on Wednesdays (at the same time) to finish up any documents.

There are not many risks for this sprint in particular. One of the biggest risks of this sprint is discovering that something is missing from our original design that is necessary to complete what we plan to do. While it is unlikely that anything major is missing, it is possible due to the number of components and the complexity of their interactions.

Another risk, as in the last sprint, would be making sure the UI renders properly on any OS since the product is supposed to be cross-platform. There may have to be modifications to the UI and other code after testing on different platforms, primarily Windows and macOS, during this sprint.

CURRENT SPRINT DETAIL

Backlog ID: 1

User Story: As an admin, I can add/delete classes.

Task Description	Expected Hours	Owner
Create the Course object class, including constructor(s), fields, accessors, and mutators as shown in the Design Document Objects Layer UML	15	Alex Rosenberg
Create a Course table in the database and develop sql code to add/delete rows in the table	5	Gaurav Srivastav
Create the CourseQuery JSON Translation class to help the user interface interact with the database	7	Naveen Ganessin
Build dialog box to input class details	6	Michael Schloss
Implement deletion of classes	2	Michael Schloss
Build table for classes	1	Michael Schloss

ACCEPTANCE CRITERIA

- Given that I want to view current classes, I expect to be presented a list of them
- Given that I want to delete a class, I expect to be presented with an "x" to delete them
- Given that I want to add a class, I expect to be presented a dialog to do so

Backlog ID: 2

User Story: As an admin, I can change class storage quota.

Task Description	Expected Hours	Owner
Continue to work on the Course object class, including constructor(s), fields, accessors, and mutators as shown in the Design Document Objects Layer UML, specifically maxStorage and its accessors and mutators	10	Alex Rosenberg
CourseQuery and UserQuery to be modified in this case	5	Naveen Ganessin
Develop sql code to update fields in the course table in the database	2	Gaurav Srivastava
Build dialog box to change class quota	2	Michael Schloss
Make storage quotable clickable to be able to change it	1	Michael Schloss
Expand class table to show class details such as quota	5	Michael Schloss

ACCEPTANCE CRITERIA

- Given that i want to change a quota for a class, I expect to be able to do so
- Given that I have a class, I expect there to be a button to change its quota

Backlog ID: 5

User Story: As an admin, I can post school-wide announcements.

Task Description	Expected Hours	Owner
AnnouncementQuery for school-wide announcements	3	Naveen Ganessin
Create the Message object class, including constructor(s), fields, accessors, and mutators as shown in the Design Document Objects Layer UML	5	Alex Rosenberg
Create an announcements table in the database and develop sql code to view/add/delete announcements from the database table	10	Gaurav Srivastav
Build dialog box to add new announcement	2	Michael Schloss
Expand announcements to allow addition of new ones	1	Michael Schloss
Build announcements page to show announcements	6	Michael Schloss

ACCEPTANCE CRITERIA

- Given that i have announcement for everyone, I expect to be able to add this announcement
- Given that I choose to make a new announcement, I expect to be given a popup that allows me to input the title and message

Backlog ID: 10

User Story: As an Instructor, I can post class-wide announcements.

Task Description	Expected Hours	Owner
AnnouncementQuery for Class-wide announcements	3	Naveen Ganessin
Continue working on the Message object class, including constructor(s), fields, accessors, and mutators as shown in the Design Document Objects Layer UML	5	Alex Rosenberg
Build dialog box to add new announcement	2	Michael Schloss
Expand announcements page to be viewable by Instructors for the course only	3	Michael Schloss

ACCEPTANCE CRITERIA

- Given that I have an announcement to post to the class, I should be presented the option to do so
- Given that I open the dialog for a new announcement, I should be allowed to input a title and message and choose the correct class

Backlog ID: 11

User Story: As an Instructor, I can send these announcements as emails should they wish.

Task Description	Expected Hours	Owner
In dialog for instructor to make new announcement, add a checkbox to denote whether announcement should be emailed to students.	1	Michael Schloss

ACCEPTANCE CRITERIA

- Given that I have an announcement, I should be presented with the option of emailing this announcement to students in real-time

Backlog ID: 12

User Story: As an Instructor, I can host content on their class.

Task Description	Expected Hours	Owner
FileUploadQuery for signalling of upload of files	5	Naveen Ganessin
Create a FileUpload class with constructors, accessors, and mutators including name, location, and courseID	10	Alex Rosenberg
Create a table in the database to store file locations on the server	5	Gaurav Srivastava
Develop code to locate file in server and return it to the client	10	Gaurav Srivastava
Present dialog to ask instructor for file and filename	3	Michael Schloss
Expand list to include option for adding new	1	Michael Schloss
Build file list for course	4	Michael Schloss

ACCEPTANCE CRITERIA

- Given I teach a class, I should be able to see a list of file content for that class
- Given that I have uploaded files for a class, I should be able to view a list of these files
- Given that I want to upload a file, I should be presented with a dialog asking for the file and file's name

Backlog ID: 13

User Story: As an Instructor, I can specify whether their hosted content is private or public.

Task Description	Expected Hours	Owner
Add field and API for private/public files to the FileUpload class	1	Alex Rosenberg
Add a FileUploadQuery API to allow for modification of this field	2	Naveen Ganessin
Add field in database table and sql to change this field	1	Gaurav Srivastava
Expand list of already present files to include a checkbox to quickly toggle private/public option	1	Michael Schloss
During upload, insert checkbox to denote whether file is private and public	1	Michael Schloss

ACCEPTANCE CRITERIA

- Given that I upload a file, I expect to be able to mark it as public or private
- Given that I have an already uploaded file, I expect to be able to change this file's view status.
- Given that I have no files, I should be given no such options

Backlog ID: 14

User Story: As an Instructor, I can teach multiple courses.

Task Description	Expected Hours	Owner
Continue to work on the Course object class, including constructor(s), fields, accessors, and mutators as shown in the Design Document Objects Layer UML	5	Alex Rosenberg
CourseQuery work to include and account for multiple classes	10	Naveen Ganessin
Create a table in database to maintain teacher and course relationships and develop sql to add and remove instructors from courses	10	Gaurav Srivastava
Present instructor with course list of each of their courses	6	Michael Schloss

ACCEPTANCE CRITERIA

- Given that I am an instructor for multiple classes, I expect to be presented all these classes
- Given that i am an instructor of no classes, I expect to see none

Backlog ID: 16

User Story: As an Instructor, I can view grades for any of their classes.

Task Description	Expected Hours	Owner
GradeQuery will have to deal with grades	12	Naveen Ganessin
CourseQuery fix to facilitate grade allocations	3	Naveen Ganessin
Expand Grades view to allow instructors to view grades for each course	6	Michael Schloss

ACCEPTANCE CRITERIA

- Given there are no grades, I expect to not see any grades
- Given that there grades for a class, I should be able to see only these grades
- Given that there are grades for multiple classes, I should be able to easily distinguish which are which

Backlog ID: 17

User Story: As an Instructor, I can generate grade reports.

Task Description	Expected Hours	Owner
Expand Grades list to allow for creation of downloadable reports or charts	2	Michael Schloss

ACCEPTANCE CRITERIA

- Given grades are available, I expect to be able to press "Download" and be asked where I'd like to save the file
- Given that there are no grades, I expect to not be presented with a download option
- Given the file, I expect it to either be a picture if it is a graph, or a csv if it is text that I can import into another program

Backlog ID: 19

User Story: As a Student, I can see school-wide announcements.

Task Description	Expected Hours	Owner
AnnouncementQuery for school-wide announcements	1	Naveen Ganessin
Continue working on the Message object class, including constructor(s), fields, accessors, and mutators as shown in the Design Document Objects Layer UML, possibly adding a field to denote school-wide	1	Alex Rosenberg
Present list of announcements on home page for student denoting school wide announcements	5	Michael Schloss

ACCEPTANCE CRITERIA

- Given there are no announcements, I expect to not see any announcements
- Given that there are announcements, I expect to see the announcements in chronological order
- Given that an announcement is brand new, I expect to have this denoted in the UI

Backlog ID: 20

User Story: As a Student, I can see class-wide announcements.

Task Description	Expected Hours	Owner
AnnouncementQuery for class-wide announcements	1	Naveen Ganessin
Continue working on the Message object class, including constructor(s), fields, accessors, and mutators as shown in the Design Document Objects Layer UML, possibly adding a field to denote class-wide	1	Alex Rosenberg
Expand student list of school wide announcements to include and denote class announcements	2	Michael Schloss

ACCEPTANCE CRITERIA

- Given no class announcements, I expect to not see any class announcements
- Given that there are class announcements, I expect to see the class announcements in chronological order
- Given that there are class AND school announcements, I expect to be able to easily distinguish which are which
- Given that there is a brand new announcement, I expect this to be denoted in the UI

Backlog ID: 6 (*continuation of Sprint 1*)

User Story: As an admin, I can get course-wide or school-wide grade stats.

Task Description	Expected Hours	Owner
Create GradeQuery JSON Translation class that allows for addition, modification and removal of grades	20	Naveen Ganessin
Create database tables that can store different courses, assignments and grades	2	Gaurav Srivastava
Create API that returns information about for every course	10	Gaurav Srivastava

ACCEPTANCE CRITERIA

- Given that the database and client information is built, I expect to see current grade stats from the server

TOTAL HOURS

Member	Total Hours
Alex Rosenberg	53
Naveen Ganessin	52 Sprint 2 20 Sprint 1
Gaurav Srivastava	45
Michael Schloss	63

REMAINING BACKLOG ITEMS

ID	Requirement
1	
2	
3	
4	
5	
6	
7	As an Instructor, I can add/delete assignments, quizzes, and tests
8	As an Instructor, I can view file submissions from students
9	As an Instructor, I can set time-limits on assignments, quizzes, and tests
10	
11	
12	
13	
14	
15	As an Instructor, I can submit students' grades for assignments, quizzes, and tests
16	
17	
18	As an Instructor, I should be able to generate a random text for students to enter on their account for attendance. (if time allows)
19	
20	
21	As a Student, I can see their grades from every class to which they're enrolled

ID	Requirement
22	As a Student, I can submit assignments
23	As a Student, I can take quizzes or tests
24	As a Student, I can send email to their teacher from the application
25	As a Student, I can view/consume public class files
26	As a Student, I should be able to receive an email notifications about assignments and exams due (if time allows)
27	As a Student, I should be able to enter the exact teacher's random text for attendance. (if time allows)