



Team 10 - Sprint 3 Planning Document

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Sprint Overview

During this sprint we hope to finalize and polish our product. Most of our core features are working except for in-class polls and course calendars. We hope to implement these features and then spend the rest of the spring polishing up the rest of the platform.

Scrum Master: Kedar Vaidya

Meeting Plan: Tuesdays/Thursdays during CS 307 block (1:30 pm - 2:45 pm)

Risks and Challenges: There is the risk that with much of the product finished, some issues will slip through the cracks and be forgotten about. It's important that we are careful check off each user story as we go, instead of just glancing over everything and deciding we're finished.

Current Sprint Detail

User Story #1

As a student, I would like to be able to submit files for grading.

#	Description	Time	Team	Owner
1	Create Eloquent Relations for Files	3	Back	Kedar
2	Create API controller logic for file acceptance and storage	15	Back	Jake
3	Create file serving system (verification, secure access)	10	Back	Kedar
4	Create API routes for file uploading and serving	5	Back	Jake

Acceptance Criteria:

- Given the file submission controller is implemented, when a student tries to submit a file, that file will be uploaded to the server.
- Given a student has previously uploaded a file, when an user tries to access the it, the server should be able to locate the correct file
- Given the file submission page on the frontend is implemented, when a student attaches a file and presses submit, the file will be sent to the server for processing and storage.

User Story #2

As a student, I would like answer instant polls during class.

#	Description	Time	Team	Owner
1	Create Eloquent relations for polls	3	Back	Ankit
2	Create database seeders for polls	2	Back	Ankit
3	Create API Logic for Polls Create/Update/Delete	7	Back	Ankit
4	Create poll answering system	8	Front	Jay

Acceptance Criteria:

- Given the poll controller is working, when a student submits a poll response, the response should be recorded in the database.
- Given the poll controller is working, when a student resubmits a poll response, the old response should be updated.
- Given the poll answering system is working, when a user visits the polls page, they should be able to see any active polls for that class.

User Story #3

As a student, I would like to be able to easily view and analyze my instant poll results.

#	Description	Time	Team	Owner
1	Create API logic for student poll results	3	Back	Kedar
2	Create API logic for instructor poll summaries	3	Back	Kedar
3	Create views for student polls	10	Front	Jay
4	Create views for instructor polls	10	Front	Shane

Acceptance Criteria:

- Given the controller logic for student poll results is working, when a student requests their poll data, the server should send back a list of that student's poll responses.
- Given the controller logic for the instructor poll summary is working, when an instructor requests poll data for a class, data for all poll responses should be returned.
- Given the poll analysis view is working, when a student visits the page they should see a list of their poll responses.
- Given the poll analysis view is working, when an instructor visits the page they should see a list of their student's poll responses.

User Story #4

As a student, I would like to receive notifications for grades.

#	Description	Time	Team	Owner
1	Create API logic for notifications system	2	Back	Jake
2	Create notifications preference system	3	Back	Jake
3	Send notifications for important events, including grades	5	Back	Kedar
4	Create notification view	2	Front	Jay
5	Mark notifications as read	3	Front	Matt
6	Allow users to toggle notifications	3	Front	Jay

Acceptance Criteria:

- Given the notification controller is working, when a user performs any important action, the affected users will be sent a notification.
- Given the preference system is working, when a user changes their email/notification preferences, those preferences will be reflected.
- Given the notification view is implemented, when a user visits the notifications page, a list of all unread notifications will be shown.
- Given the notification management is working, when a user visits the notification page, they will be able to mark notifications as read.

User Story #5

As an instructor, I would like to be able to receive file submissions from students.

#	Description	Time	Team	Owner
1	Create API routes for getting assignment files	3	Back	Ankit
2	Create instructor view for submitted files	5	Front	Matt
3	Create system for files to be viewed by instructor	5	Front	Jay

Acceptance Criteria:

- Given the controller logic for assignment files is implemented, when an instructor requests data on an assignment, they can see the files submitted by students.
- Given the instructor view for submitted files is working, when an instructor clicks on an assignment, they should be able to see a list of attached files.
- Given the file rendering system is working, when an instructor clicks on an uploaded file, they will be able to view that file and it's contents.

User Story #6

As an instructor, I would like to be able to create instant polls for students to answer.

#	Description	Time	Team	Owner
1	Create API logic for poll creation	3	Back	Ankit
2	Create logic for poll closing/opening	3	Back	Ankit
3	Create poll-creation view	5	Front	Shane
4	Create poll-creation tools for instructors	5	Front	Shane

Acceptance Criteria:

- Given the controller logic for poll creation is working, when an instructor submits a new poll, it will be added to the database.
- Given the controller logic for a poll's opening/closing is working, when an instructor opens a poll, students will be able to answer that poll until it is closed.
- Given the poll-creation view is working, when an instructor visits the poll creation page, they will be able to build a multiple choice question poll.

User Story #7

As an instructor, I would like to be able to easily view and analyze instant poll answers.

#	Description	Time	Team	Owner
1	Create API logic for getting all poll results	3	Back	Kedar

2	Create poll summary view for instructors	5	Front	Jay
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Acceptance Criteria:

- Given the controller logic for getting poll results is working, when an instructor requests poll results, the server will send back the student responses from that poll.
- Given the controller logic for getting poll results is working, when an unauthorized user requests poll results, they will be rejected.
- Given the poll summary view is implemented, when an instructor visits the poll summary view, they will be able to see a list of student responses.

User Story #8

As an instructor, I would like to be able to post generic course content (plain text, embedded videos).

#	Description	Time	Team	Owner
1	Create logic for course content (Create/Update/Delete)	5	Back	Kedar
2	Create course content view for students	5	Front	Matt
3	Create content creation view for instructors	5	Front	Shane

Acceptance Criteria:

- Given the controller for course content is implemented, when an instructor submits course content, it will be added to the database.
- Given the course content view is implemented, when a student views the course content page, they will be able to see a list of posted content.
- Given the content creation view is implemented, when an instructor views the page, they will be able to create a post.

User Story #9

As a student, I would like to be able to view and export my course calendar.

#	Description	Time	Team	Owner
1	Create API logic to build calendar and export link	20	Back	Jake
2	Create calendar view	10	Front	Jay

Acceptance Criteria:

- Given the controller logic for calendars is implemented, when a student requests calendar data, the server will send back a list of upcoming events and deadlines for all classes.
- Given the calendar view is implemented, when a student visits the calendar page, they will be able to see upcoming deadlines and events for classes they are in.
- Given the calendar view is implemented, when an instructor visits the calendar page, they will be able to see upcoming deadlines and events for all classes they own.

User Story #10

As an instructor, I would like to be able to view and export my course calendar.

#	Description	Time	Team	Owner
1	(User story is redundant, User Story #9 will cover #10)	0	--	--

User Story #11

As an instructor, I would like to be able to add events to my course calendar.

#	Description	Time	Team	Owner
1	Create Eloquent models for events	5	Back	Ankit
2	Create controller logic for event creation/update/delete	8	Back	Jake
3	Create event-builder tool for instructors	5	Front	Matt

Acceptance Criteria:

- Given the eloquent models for events are implemented, when a relation function is called, the events associated with a particular course or user will be returned.
- Given the controller logic for event creation is working, when an instructor creates an event, that event will be added to the database.
- Given the event view for instructors is working, when an instructor visits the event page, they will be able to create a new event.

Remaining Backlog (28/28 Stories Complete)

1. As a user, I would like to be able to register for a Mango account.
2. As a user, I would like to be able to login and manage my Mango account.
3. As a user, I would like my password to be reset if I forget it.
4. As a user, I would like to be able to easily navigate to any course page.
5. As a user, I would like to be able to easily access Mango across all of my devices.
6. As a student, I would like to be able to view my grades.
7. As a student, I would like to be able to take quizzes.
8. As a student, I would like to be able to submit files for grading.
9. As a student, I would like to be able to view my courses.
10. As a student, I would like to be able to easily view course content.
11. As a student, I would like to be able to ask questions and respond to others on a course messaging board.
12. As a student, I would like answer instant polls during class.
13. As a student, I would like to be able to easily view and analyze my instant poll results.
14. As a student, I would like to receive notifications for grades.
15. As a student, I would like to be able to receive email notifications for course announcements.
16. As a student, I would like to be able to view and export my course calendar.
17. As an instructor, I would like to be able to create and manage a course.
18. As an instructor, I would like to be able to assign grades.
19. As an instructor, I would like to be able to create weighted sections for grading.
20. As an instructor, I would like to be able to create quizzes.
21. As an instructor, I would like to be able to receive file submissions from students.
22. As an instructor, I would like to be able to create announcements for my course.
23. As an instructor, I would like to be able to respond to student questions on a course messaging board.
24. As an instructor, I would like to be able to create instant polls for students to answer.
25. As an instructor, I would like to be able to easily view and analyze instant poll answers.
26. As an instructor, I would like to be able to post generic course content (plain text, embedded videos).
27. As an instructor, I would like to be able to add events to my course calendar.
28. As an instructor, I would like to be able to view and export my course calendar.