Team 3 Sprint 1 Planning Document for "Classical"

John Du, Mitch Holm, Luke Kong, Shawn Nirappil, Timothy Vincent, Jintao Zeng

Sprint Overview

This is our first sprint of CS307 which we will use to divide the team into their respective sub projects. We will begin work on Android, iOS, web, and the backend in a sandwich style paradigm. For most part work on the clients will be superficial with hooks into the backend.

Our goal for this sprint is to create beautiful user interfaces that will be ready to plug into a backend, while the backend is being worked on for functionality from sprint two and onwards. This way no one will be waiting for another piece of the project to be built instead of working.

Scrum Master: Shawn Nirappil
Scrum Meetings: Mondays Tuesdays 3:00pm, Thursday 3:00pm, Friday 10:00pm
Risks / Challenges:
1. Gauging time required to complete tasks
2. Getting acclimated with mobile development environments
3. Implementing parts of the application or interface without a server.

Current Sprint Detail

A grey box denotes a user story (with respective story number attached), any subsequent white boxes are tasks in the user story we will be completing this sprint

Platform: Web	Time to complete (hrs)	Members responsible
1. As a user, I would like to have a secure login to this app using myPurdue account		
Implement the interface and hooks to login	2	Mitch
2. As a user, I would like to view my class schedule in a quick and concise manner		
Implement the 3rd party library to view and control a calendar	2	Mitch
Implement our event viewing to the calendar	2	
3. As a user, I would like to be able add, edit, remove classes from my class schedule		
Add the visual editing interface for adding classes	2	Mitch
Add an edit option that will re-open the add dialogue	2	
Add a button that will delete the class	1	
4. As a user, I would like to be able to add, edit, and remove events from my class schedule		
Add the visual editing interface for adding events	2	Mitch
Add an edit option for events	1	
Add a button that will delete the event	.5	

Add a 'join' option for events	.5	
6. As a user, I would like to be able to ask questions about the courses on the forum		
Add the visual implementation of the forum	2	Mitch
Create a 'post' dialogue that will allow you to post questions with a topic, description, and your username	2	
7. As a user, I would like to be able to vote on better or worse answers in forum topics		
Add a button to the forum for voting on replies	.5	Mitch
Add a button to each message in the chat window	.5	
8. As a user, I would like to have the ability to chat with classmates about both course related and unrelated topics in real time.		
Create an interface for the live chatting displaying user, message, time stamp, and a report button	3	Mitch
9. As a user, I would like to be able to add/participate with the pages of classes that I'm not currently taking. (Peeking)		
Create an interface for looking at other classes' content. Essentially adding a class that is removed on page close	5	Mitch

Platform: Android	Time to complete (hrs)	Members responsible
10. As a user, I would like to have a secure login to this app using myPurdue account		Tim

	Time	Member
Implement login view: will contain separate username and password text fields, a submission button, feedback to success / failure and the logo	5	Tim
Send AES 256 encrypted login pair to server	10	Tim
11. As a user, I would like to view my class schedule in a quick and concise manner		Tim, Luke
Implement schedule view: will contain a weekly overview of each course's scheduled meeting times and any events created by the class	10	Tim
Add classes to schedule	20	Luke
15.As a user, I would like to be able to ask questions about the courses on the forum		Luke
Implement forum view: A list of threads, tap to focus thread, keyboard activation zone at bottom of view	10	Luke
17. As a user, I would like to have the ability to chat with classmates about both course related and unrelated topics in real time.		Tim
Implement chat view: past messages displayed on screen, keyboard activation zone at bottom of view	5	Tim

Platform: iOS	Time to complete (hrs)	Members responsible
As a user, I would like to have a secure login to this app using myPurdue account		Jintao
Implement login view,will contain separate username and password text fields, a submission button, feedback to success / failure and the logo	5	Jintao

Send AES 256 encrypted login pair to server	10	Jintao
As a user, I would like to view my class schedule in a quick and concise manner		Jintao
Implement schedule view: will contain a weekly overview of each course's scheduled meeting times and any events created by the class	15	Jintao

Backend	Time to complete (hrs)	Members responsible
As a user, I would like to have the ability to chat with classmates about both course related and unrelated topics in real time.		Shawn
Implement simple chat server that supports multiple connections	10	Shawn
Prepare chat server to handle users	5	Shawn
Implement enhanced message features (reporting, timestamp, etc)	10	Shawn
As a user, I would like to be able add and remove classes from my class schedule		John
Implement schedule class such that clients will be able to pull event data	5	John
Implement adding courses to schedule	5	John
Implement adding events to schedule	5	John
As a user, I would like to be able to ask questions about the courses on the forum		John, Shawn
Implement user class with ability to chat and post	5	Shawn
Implement extendable forums for each course	15	John

Backlog

User stories we will complete or finish parts of in this sprint are denoted by a strikethrough line

Functional requirements:

Web:

1. ~~As a user, I would like to have a secure login to this app using myPurdue account~~
2. ~~As a user, I would like to view my class schedule in a quick and concise manner~~
3. ~~As a user, I would like to be able add and remove classes from my class schedule~~
4. ~~As a user, I would like to be able to add and remove events from my class schedule~~
5. ~~As a user, I would like to edit event information pertaining to location and time~~
6. ~~As a user, I would like to be able to ask questions about the courses on the forum~~
7. ~~As a user, I would like to be able to vote on better or worse answers in forum topics~~
8. ~~As a user, I would like to have the ability to chat with classmates about both course related and unrelated topics in real time.~~
9. ~~As a user, I would like to be able to add/participate with the pages of classes that I'm not currently taking.~~

Android

10. ~~As a user, I would like to have a secure login to this app using myPurdue account~~
11. ~~As a user, I would like to view my class schedule in a quick and concise manner~~
12. As a user, I would like to be able ~~add~~ and remove classes from my class schedule
13. As a user, I would like to be able to add and remove events from my class schedule
14. As a user, I would like to edit event information pertaining to location and time
15. ~~As a user, I would like to be able to ask questions about the courses on the forum~~
16. As a user, I would like to be able to vote on better or worse answers in forum topics
17. ~~As a user, I would like to have the ability to chat with classmates about both course related and unrelated topics in real time.~~
18. As a user, I would like to be able to add/participate with the pages of classes that I'm not currently taking.

iOS

19. ~~As a user, I would like to have a secure login to this app using myPurdue account~~
20. ~~As a user, I would like to view my class schedule in a quick and concise manner~~
21. As a user, I would like to be able add and remove classes from my class schedule
22. As a user, I would like to be able to add and remove events from my class schedule
23. As a user, I would like to edit event information pertaining to location and time
24. As a user, I would like to be able to ask questions about the courses on the forum
25. As a user, I would like to be able to vote on better or worse answers in forum topics
26. As a user, I would like to have the ability to chat with classmates about both course related and unrelated topics in real time.
27. As a user, I would like to be able to add/participate with the pages of classes that I'm not currently taking.

28. As a teaching assistant/Professor, I would like students to be able to report offensive or rule-breaking posts
29. As a teaching assistant/Professor, I would like to contact individual students through the application as a TA/Professor