



SSS

Sweet & Spicy Sixteen

For CSCC01 - Introduction to Software Engineering

Project Report

CONTACT INFORMATION

BENJIE KO
KAREN NGO

JUAN MAURO ROMANUTTI
RAPHAEL BENEDICT AMBEGIA



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Sprint Backlog 2

Technical Specifications:

Language used: Java

GUI creation: JavaFX with Scene Builder

APIs used: N/A for now

User Stories, Tasks, Story points and dependencies

User Story 1: 3 Story points

Make new accounts for students

Task 7: 3 Story points

Make the functions and UI work together

Dependency: All previous tasks

We need the functions and the GUI to work together which is the bulk of the workload that we have. We basically need the Add button to interact with the Admin createStudent function so that they update the Table View of the Student List and display each student as we add them.

User Story 2: 4 Story points

As a professor, I want to be able to remove students from the course

Task 8: 1 Story points

Add a function to remove a student from the database

Dependency: T1

Task 10: 2 Story points

Combine the function and the UI element

Dependency: T8, T9

Detailed Description:

Add a function for the admin class to manipulate the Student List and remove specific students that they want. Design a UI element on the Student List page for the admin to be able to remove students. Combine the GUI Remove button and the removeStudent function so that they interact with the Admin Student ArrayList and the GUI Tableview and display the right students.

User Story 3: 19 Story points

As a professor, I want to add/edit assignments

Task 11: 3 Story points

Create a Question Class

Dependency: N/A

We create a question class that needs to contain the question itself, the choices, and the answer.

Task 12: 2 Story points

Create an Assignment Class

Dependency: N/A

Create an assignment class that contains a due date and an array to store questions in.

Task 13: 1 Story point

Add a function for admins to create questions

Dependency: T1

Create a function that takes the admin's questions taken through basic text (for now) and creates a question class and adds them into the respective assignment class.

Task 14: 1 Story point

Add a UI element for adding questions

Dependency: N/A

Design an "Add question" button on the admin's Assignment Page.

Task 15: 6 Story points

Add a function to post assignment

Dependency: T12, T13

Create a function that allows the admin to make assignments visible to students until the due date.

Task 16: 2 Story points

Add a UI element to see the assignments

Dependency: N/A

Design a page for admins to view example assignments with the questions, multiple choice answers, and a submit button.

Task 17: 4 Story points

Combine UI and function elements to make them work together

Dependency: All previous tasks from this user story

Connect the functions we created in this user story to the respective UI elements created.

Task Breakdown Summary:

Raphael: Tasked for secondary back end and front end coding

Juan: Tasked for main back end coding

Karen: Tasked for secondary front end and back end coding

Benjie: Tasked for main front end coding

Sprint Velocity

4 developers * 6 hrs this week = 24 story points this week

Sprint Task Breakdown:

User Story	Task	Story Points	Dependencies
U1	T7	3	
U2	T8	1	T1
U2	T10	2	T8, T9
U3	T11	3	
U3	T12	2	
U3	T13	1	T1
U3	T14	1	
U3	T15	6	T12, T13
U3	T16	2	
U3	T17	4	

Provisional Schedule

Tasks	Pts	Day1	Day2	Day3	Day4	Day5
T7	3	R1	B2			
T8	1		B1			
T10	2			B2		
T11	3	J2	J1			
T12	2		J1	J1		
T13	1	K1				
T14	1	R1				
T15	6			K2	K4	
T16	2	R1	R1			
T17	4				R1, B1	J1, K1

Actual Schedule

Tasks	Pts	Day1	Day2	Day3	Day4	Day5
T7	3					
T8	1					
T10	2					
T11	3					
T12	2					
T13	1					
T14	1					
T15	6					
T16	2					
T17	4					



Burn Down Chart