



SSS

Sweet & Spicy Sixteen

For CSCC01 - Introduction to Software Engineering

## Project Report

### CONTACT INFORMATION

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## Sprint Backlog 5

### Technical Specifications:

Java as main programming language  
JavaFX with Scene builder for creating GUIs  
MongoDB  
MLab

### User Stories, Tasks, Story points and dependencies

#### User Story 8: 2 Story points

As a Student, I want to be able to see the answer for each question to get immediate feedback

Task 31: 2 Story points

Add UI element to see assignment answers and implement it with the assignment function

Dependency: T12

Design a button on the student assignment page that leads to a page similar to the assignment page with answers underneath each question.

#### User Story 9: 12 Story points

As a professor, I would like to check and adjust marks for students as necessary

Task 32: 3 Story points

Add a function to show student marks

Dependency: N/A

Task 33: 3 Story points

Add a function to adjust student marks as needed

Dependency: T20

Task 34: 2 Story points

Add a UI element for viewing student profiles and editing them

Dependency: N/A

Task 35: 4 Story points

Make UI work with said function

Dependency: All previous tasks from this story

Detailed Description:

Create a function that lists every student and all their marks for individual assignments. Create a function that allows the admin to adjust marks for these assignments by increasing/decreasing the mark or removing it from calculation completely. Design UI elements for these functions and combine.

### **User Story 10: 9 Story points**

As a student, I would like to check marks for all previous completed assignments

Task 36: 3 Story points

Add a function for students to view a collection of their assignment results  
T2, T13

Task 37: 2 Story points

Add a UI element to display the assignment scores  
Dependency : N/A

Task 38: 4 Story points

Add UI element to display the whole assignment and let students answer with attempt/reattempt buttons  
Dependency : T36, T37

## Task Breakdown Summary:

Raphael: Tasked for transferring data into remote database

Karen: Tasked for main backend coding, secondary front end

Benjie: Tasked for main backend coding, secondary front end

Juan: Mostly unavailable due to other university school commitment.

## Sprint Velocity

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

## Sprint Task Breakdown:

User Story	Task	Story Points	Dependencies
U8	T31	2	T12
U9	T32	3	
U9	T33	3	T20
U9	T34	2	
U9	T35	4	T32-T34
U10	T36	3	T13
U10	T37	2	

## Provisional Schedule

Tasks	Pts	Day1	Day2	Day3	Day4	Day5
T31	2	Benjie - 2				
T32	3		Raph - 2	Raph - 1		
T33	3		Karen - 2	Karen - 1		
T34	2			Benjie - 2		
T35	4				Benjie - 2	Karen - 2
T36	3			Karen - 3		
T37	2				Raph - 2	

## Actual Schedule

Tasks	Pts	Day1	Day2	Day3	Day4	Day5
T31	2	Benjie - 2				
T32	3		Raph - 1	Raph - 1	Raph - 1	
T33	3			Karen - 2	Karen - 1	
T34	2				Benjie - 2	
T35	4					
T36	3				Karen - 2	Karen - 1
T37	2					

## Burn Down Chart

