



SSS

Sweet & Spicy Sixteen

For CSCC01 - Introduction to Software Engineering

Project Report

CONTACT INFORMATION

BENJIE KO
KAREN NGO

JUAN MAURO ROMANUTTI
RAPHAEL BENEDICT AMBEGIA



Table of Contents

Sprint Backlog 03.....	3
User Stories & Story Points	3
Task Breakdown	5
Schedules	5
Burn Down Chart	7

Sprint Backlog 3

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 3: 4 Story points

As a professor, I would like to post assignments

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.

User Story 4: 8 Story points

As a professor, I would like to have assignments with different questions for each student and every attempt

Task 18: 3 Story points

Create an algorithm to select randomized questions from the question pool

Dependency: T15

Create an algorithm that will randomly select a designated number of questions from an assignment question pool and put them into an assignment. This algorithm will randomize assignments for every student, and every reattempt that a student makes. It is possible for students to see repeat questions.

Task 19: 5 Story points

Implement algorithm into a function for assignment posting

Dependency: T18

User Story 5: 6 Story points

As a student, I would like to check the assignments that are available to be completed

Task 20: 1 Story points

Add a function for students to display available assignments

Dependency: N/A

Task 21: 2 Story Points

Add a UI element to display assignments for students

Dependency: N/A

Task 22: 3 Story Points

Combine said function and UI element

Dependency: T20, T21

Create a function that distinguishes pending assignments from overdue assignments and only displays the available ones. Design button on the student home page and combine it with the function.

Task Breakdown Summary:

Raphael: Tasked for secondary back end and front end coding

Juan: Tasked for back end coding

Karen: Tasked for secondary front end and back end coding

Benjie: Tasked for main front end coding

Sprint Velocity

4 developers * 5 hrs this week = 20 story points this week

Sprint Task Breakdown:

User Story	Task	Story Points	Dependencies
U3	T17	4	
U4	T18	3	T15
U4	T19	5	T18
U5	T20	1	
U5	T21	2	
U5	T22	3	T20,T21

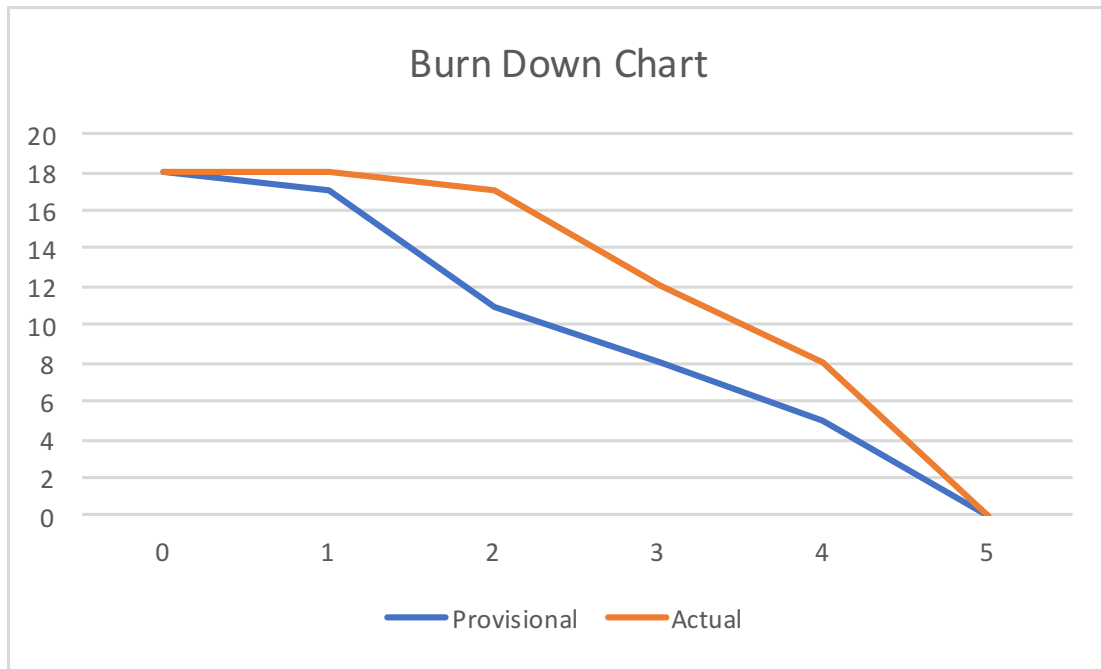
Provisional Schedule

Tasks	Pts	Day1	Day2	Day3	Day4	Day5
T17	4	R2	R2			
T18	3		R1	J2		
T19	5			J1	B2	B2
T20	1	J1				
T21	2		K2			
T22	3			K2	K1	

Actual Schedule

Tasks	Pts	Day1	Day2	Day3	Day4	Day5
T17	4	R1	R1	R1	R1	
T18	3		R1	J2		
T19	5			J2	B2	B2
T20	1		J1			
T21	2			K2		
T22	3				K2	K1

Burn Down Chart



Kanban @ 2017/10/30

KABAN @ 2017/10/30

Product Backlog	Task to do			Testing	Finished
As a professor, I would like to post assignments	Combine UI and function elements			Assignment / Question Class UI to see assignments UI for adding questions	As a professor, I would like to remove students from my course As a professor, I would like to make new accounts for students
As a professor, I would like to have assignments with different questions for each student and every attempt	Algorithm to select randomised questions	Implement algorithm to assignment posting function			
As a student, I would like to check the assignments that are available to be completed	Function for student to display available assignments	UI to display assignments for students	Combine function and UI		
As a student, I would like to attempt/reattempt questions to receive marks	Function for answer and record marks	Function to reattempt same assignment & record marks if scored higher	GUI to display the assignment, with Attempt buttons		
As a student, I would like to see the answers for each questions to get immediate feedback upon finishing an assignment	Combine functions and UI elements				
As a student, I would like to see the answers for each questions to get immediate feedback upon finishing an assignment	UI to see assignment questions and implement with assignment function				
As a professor, I would like to check and adjust marks for students as necessary	Function to view student marks	UI to view student profiles and editing them	Combine function and UI		
	Function to adjust student marks				
As a student, I would like to check marks for all previous completed assignments	Function to view a collection of assignment results	UI to display assignment score	UI to display assignment and scores and allow them to reattempt		

Downloaded from <https://www.cambridge.org/core>. University of Cambridge, on 01 Jun 2018 at 10:00:00, subject to the Cambridge Core terms of use, available at <https://www.cambridge.org/core/terms>. <https://doi.org/10.1017/9781315326477.008>

