



SSS

Sweet & Spicy Sixteen

For CSCC01 - Introduction to Software Engineering

Project Report

CONTACT INFORMATION

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Sprint Backlog 4

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 6: 22 User Story points

As a Professor/Student, I want to be able to access data from the application remotely

Task 23: 6 User Story points

Make a Database Class that setups a database for usage of the application

Dependency: N/A

Task 24: 3 User Story points

Create a function for assignments, admins, and students to be able to store data (Student names, Assignment Questions, Assignment Data) into the database

Dependency: T23

Task 25: 7 User Story points

Setup a remote server to make the database accessible to all users remotely

Dependency: T23

Task 26: 6 User Story Points

Setup the database to work with the remote server and make all functions work for the application remotely.

Dependency: T23, T24, T25

Detailed Description:

Setup a database and make it work remotely so as to make all data accessible regardless of where the users access them. The application previously only worked locally and this feature would make it work online which is what is needed for all the students to answer assignments that the admins make.

User Story 7: 11 Story points

As a student, I want to be able to attempt/re-attempt assignment questions to receive marks

Task 27: 3 Story points

Add a function for students to be able to answer questions and record their mark

Dependency: T2, T12

Task 28: 2 Story points

Add a function to reattempt the same assignment and record their mark if it is higher than previous attempts

Dependency: T13, T2

Task 29: 2 Story points

Add GUI element to display the whole assignment and let students answer with attempt/reattempt buttons

Dependency: N/A

Task 30: 4 Story points

Combine functions and UI elements

Dependency: T27, T28

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
U6	T23	6	
U6	T24	3	T23
U6	T25	7	T23
U6	T26	6	T23, T24, T25
U7	T27	3	T2, T12
U7	T28	2	T12, T13
U7	T29	2	
U7	T30	4	T27, T28

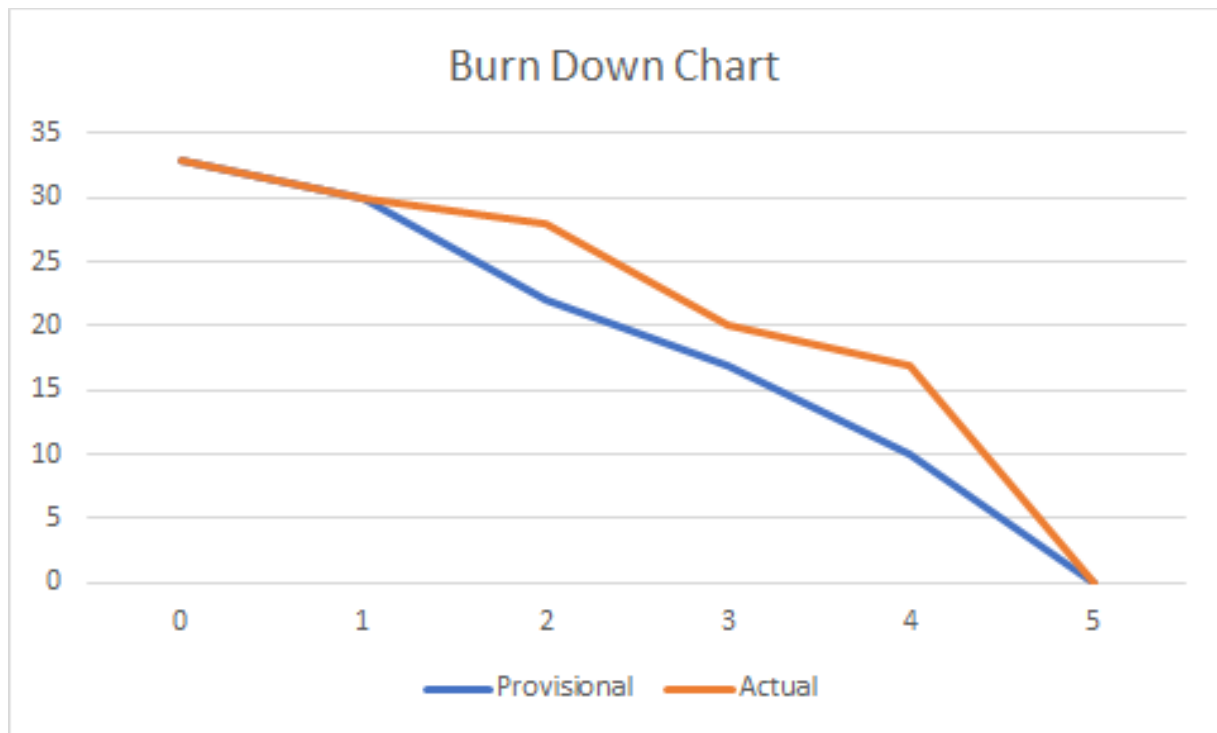
Provisional Schedule

Tasks	Pts	Day1	Day2	Day3	Day4	Day5
T23	6	Raph - 3	Raph - 3			
T24	3		Karen - 2	Raph - 1		
T25	7		Raph - 2	Benjie - 3	Raph - 2	
T26	6				Raph - 3	Raph - 3
T27	3	Karen - 3				
T28	2			Karen - 2		
T29	2		Benjie - 2			
T30	4				Karen - 2	Benjie - 2

Actual Schedule

Tasks	Pts	Day1	Day2	Day3	Day4	Day5
T23	6	Raph - 2	Raph - 2	Raph - 2		
T24	3			Karen - 2	Raph - 1	
T25	7			Raph - 2	Benjie - 3	Raph - 2
T26	6					Raph - 6
T27	3	Karen - 3				
T28	2		Karen - 2			
T29	2			Benjie - 2		
T30	4				Benjie - 2	Karen - 2

Burn Down Chart



Kanban @ 2017/11/07

KABAN @ 2017/11/07

Product Backlog	Task to do			Testing	Finished
As a Professor/Student, I want to be able to access data from the application remotely	Make a Database Class that setups a database for usage of the application	Create a function for assignments, admins, and students to be able to store data			As a professor, I would like to remove students from my course
	Setup a remote server to make the database accessible to all users remotely	Setup the database to work with the remote server and make all functions work for the application remotely			As a professor, I would like to make new accounts for students
					As a professor, I would like to post assignments
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 professor, I would like to have assignments with different questions for each student and every attempt
	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 student, I would like to check the assignments that are available to be completed
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		

Kanban @ 2017/11/09

KABAN @ 2017/11/09

Product Backlog	Task to do			Testing	Finished
As a Professor/Student, I want to be able to access data from the application remotely	Create a function for assignments, admins, and students to be able to store data	Setup a remote server to make the database accessible to all users remotely		Make a Database Class that setups a database for usage of the application	As a professor, I would like to remove students from my course
	Setup the database to work with the remote server and make all functions work for the application remotely				As a professor, I would like to make new accounts for students
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As a student, I would like to attempt/reattempt questions to receive marks	Combine functions and UI elements			Function for answer and record marks	As a professor, I would like to have assignments with different questions for each student and every attempt
				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	UI to see assignment questions and implement with assignment function			Function to reattempt same assignment & record marks if scored higher	As a student, I would like to check the assignments that are available to be completed
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			
	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			