Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Email a potential client and ask to interview them.	A response from the client agreeing. Interview's scheduled date.	3-4 minutes	Aug 8	A - Planning
2	Discuss the client's problem in the interview.	Information about a client's problem and program ideas.	5-8 minutes	Aug 10	A - Planning
3	Compile information and write scenario and rationale.	Information about what the problem is, the consequences of not solving it, what would the program need.	10-15 minutes	Aug 17	A - Planning
4	Interview the client to discuss the program's success criteria.	Information about what the program needs or could have to solve/improve the problem.	5-8 minutes	Sep 3	A - Planning
5	Write criterion A.	Completed scenario, rationale, and success criteria.	30-40 minutes	Sep 25	A - Planning
6	Do a program flow (lucid)	Completed program flow and attached to document.	5-10 minutes	Oct 11	B - Record of tasks and design
7	Design the program's screens (mockflow)	Completed each screen's designs.	30-40 minutes	Oct 18	B - Record of tasks and design

8	Do a flow chart (lucid)	Start program's flow chart.	40-50 minutes	Oct 30	B - Record of tasks and design
9	Do a record of tasks	Completed record of tasks with time plan.	30-40 minutes	Oct 25	B - Record of tasks and design
10	Do a test plan	Suggestions of how to test the program success criterias and expected outcomes.	20-30 minutes	Oct 25	B - Record of tasks and design
11	Pseudocode	Completed pseudocode.	60-90 minutes	Mar 17	B - Record of tasks and design
12	UML diagram	Start UML diagram of the program.	60-80 minutes	Mar 20	B - Record of tasks and design
13	Set up JSON, JavaFX, and SceneBuilder into IntelliJ	SceneBuilder downloaded. JSON, JavaFX, and SceneBuilder set into IntelliJ.	30-40 minutes	Mar 28	C - Development
14	Create the Login page (GUI) in SceneBuilder	Completed Log In page created in SceneBuilder that resembles the mockflow sketch.	20-40 minutes	Mar 30	C - Development
15	Code the login page	Completed class for Login page with setters and getters for username.	40-50 minutes	Mar 31	C - Development
16	Create the vocabulary words page (GUI) in SceneBuilder	All textboxes and buttons are displayed. The items' colours and text fonts are set. The page resembles	30-40 minutes	Apr 10	C - Development

		the mockflow sketch.			
17	Code the vocabulary table page in IntelliJ	Setters and getters for vocabulary words and attributes. Table for vocabulary. Completed if-else statements for sorting in the array.	2 hours, 30 minutes	Apr 12	C - Development
18	Implement dictionary API to program	Program contains a dictionary API. The search button in the program makes the definition be displayed in the definition textbox.	20-30 minutes	Apr 28	C - Development
19	Create the game page (GUI) in SceneBuilder.	The buttons, textboxes, colours, fonts and notification spaces are set resembling the mockflow sketch.	30-40 minutes	May 1	C - Development
20	Code the game in IntelliJ	The if-else statements inside the loops check to see if the user's input was correct or not. A "Right/Wrong" message is displayed after input is submitted. The points are successfully added or subtracted to the score based on the input. The user is notified when the input is an integer or the word to be	3- 4 hours	May 3	C - Development

		guessed is completed.			
21	Test and refine program	Issues and errors are fixed. All the buttons work correctly and the texts are displayed. The game recognizes the type of input and notifies if it's correct or not.	2 hours - 3 hours	May 15	C - Development
22	Update program	Annotate the sections in the program once everything works correctly.	20 minutes	May 22	C - Development
23	Check/test program and features with client + acquire feedback	Client's feedback and suggestions	1 hour	Jun 2	C - Development
24	Apply client's feedback to program and complete program	Client's feedback is in the program. The program is completed	1-2 hours	Jun 5	C - Development
25	Update and complete flowchart based on the final program.	Completed program flowchart	45 minutes	Jun 6	B - Record of tasks and design
26	Update and complete UML diagram based on the final program.	Completed UML diagram	30 minutes	Jun 6	B - Record of tasks and design
27	Prepare criterion D video's content	Outline of things to mention in the video.	1-2 hours	Jun 8	D - Functionality

28	Criterion D video.	Completed criterion D video.	1 hour	Jun 12	D - Functionality
29	Schedule meeting with client.	Give product to client a week before final meeting to give time to test.	10 minutes	Jun 14	D - Functionality
30	Criterion E documentation.	Completed criterion E documentation. All the success criteria is evaluated and assessed.	1 hour, 30 minutes.	Jun 15	E - Evaluation