

Criterion B: Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
1.	<i>Project Brainstorming</i>	<i>Identify problem</i>	<i>1 hour</i>		<i>A</i>
2.	<i>Meet with potential client</i>	<i>Go over client's problems</i>	<i>15 minutes</i>		<i>A</i>
3.	<i>Isolate single problem</i>	<i>Find problem with applicable coding tasks</i>	<i>10 minutes</i>		<i>A</i>
4.	<i>Create solution proposal and iterate with client</i>	<i>Lay expectations and requests for problem solution</i>	<i>5 days</i>		<i>A</i>
5.	<i>Finalize solution idea with client</i>	<i>Get approval of solution that meets client's needs</i>	<i>10 mins</i>		<i>A</i>
6.	<i>Record proposed solution for Criterion A</i>	<i>Explain problem and solution for approval from Computer Science teacher</i>	<i>30 mins</i>		<i>A</i>
7.	<i>Create basic UML diagram of desired functions</i>	<i>Conceptualize and map out plans for proof of concept and to streamline</i>	<i>1 hour</i>		<i>B</i>
8.	<i>Develop ideas for algorithms to use in</i>		<i>1 week</i>		<i>B</i>

	<i>solution</i>				
9.	<i>Record overall work thus far and begin planning ahead in Criterion B</i>	<i>Record entire process to lay groundwork for proper planning and conceptualization</i>	<i>1 hour</i>		<i>B</i>
10.	<i>Create flowcharts, UML diagrams, and prototype images</i>	<i>Create conceptual images for project and Criterion B</i>	<i>1 hour</i>		<i>B</i>
11.	<i>Meeting with client</i>	<i>Conclude final ideas with client for feedback</i>	<i>20 mins</i>		<i>B</i>
12.	<i>Product development</i>	<i>Understand success criteria and estimate timeline of creation</i>	<i>20 days</i>	<i>Next 2 months</i>	<i>C</i>
13.	<i>Brief update to client</i>	<i>Show progress and meet to discuss other wants of the client</i>	<i>10 mins</i>	<i>Next 1.5 months</i>	<i>C</i>
14.	<i>GUI layout development</i>	<i>Determine best layout for client experience</i>	<i>10 days</i>	<i>Next month</i>	<i>C</i>
15.	<i>External library research</i>	<i>Usage of other graphical representations</i>	<i>2 days</i>	<i>Within month</i>	<i>C</i>
16.	<i>Finalize GUI, logic in program, and</i>	<i>Finalize project for ship to client</i>	<i>10 days</i>	<i>½ month</i>	<i>C</i>

	<i>sorting methods</i>				
17.	<i>Creation of Criterion C</i>	<i>Begin finalization and record of code</i>	<i>1 day</i>	<i>1 week</i>	<i>C</i>
18.	<i>Final meeting with client for requests</i>	<i>Last-minute details</i>	<i>20 mins</i>	<i>1 week</i>	<i>C</i>
19.	<i>Last additions of code</i>	<i>Final product</i>	<i>5 days</i>	<i>2 days</i>	<i>C</i>
20.	<i>Complete Criterion C</i>	<i>Full evaluation of product and methods</i>	<i>1 day</i>	<i>1 day</i>	<i>C</i>
21.	<i>Creation of Criterion D</i>	<i>Video recording of product functions and look</i>	<i>1 hour</i>	<i>1 day</i>	<i>D</i>
22.	<i>Creation of Criterion E</i>	<i>Final thoughts on project and state of completion</i>	<i>1 hour</i>	<i>1 day</i>	<i>E</i>
23.	<i>Compiling of Product with documentation</i>	<i>Centralized package for shipping to client and IB</i>	<i>½ day</i>		
24.	<i>Submission to IB</i>			<i>Complete</i>	