

Criterion B: Record of tasks

Task Number	Planned Action	Planned outcome	Time estimated	Target completion date	Criterion
1	Brainstorming	Determine Project	1 week	10/20/2016	A
2	Design Mock Up	Mockup of GUI	1 week	10/27/2016	B
3	Create Flowchart	Basic logic flowchart for application	1 day	12/15/2016	C
4	Begin coding enum for Periodic Table and code basic GUI to enter data	Functional enum that retrieves data such as atomic number and amu of elements and functional EmpirFormulaSolver that can take in atomic symbol and return the atomic mass	1 month, 2 weeks	1/29/2017	D
5	Found Periodic Table	Enum to find and return molar mass found, reduces work needed	1 day	1/29	D
6	Begin Coding Logic for Formulas	Have methods ready to readily calculate necessary formulas	1 week	2/5	E
7	Begin Designing GUI For Input	GUI with textboxes available for user to input elements and percent. Calculations can still returned in console	2 weeks	2/19	F
8	Return Calculations on GUI	Calculated Formula is readily returned to the GUI.	1 week	2/26	G
9	Instructions on Calculations Screen	Steps to get calculations shows on separate screen	2 weeks	3/12	H

10	Bug Testing	Finalize GUI, add Exception Handling, test for accuracy	1 week	3/19	I
11	Upload to CD	Export jar for upload to CD and IB	4 days	3/23	J