Criterion B: Record of tasks

Task Number	Planned Action	Planned outcome	Time estimated	Target completion date	Criterion
1	Brainstorming	Determine Project	1 hour	10/20/2022	A
2	Talk to client (Chemistry Teacher)	Determine Molecules and intermolecular functions	1 hour	11/12/2022	A
3	Create Logic Flow and Class Diagram	Understand how the application will work using the outline	2 hours	12/10/2022	B
4	Research Intermolecular forces and molecules	Understand the forces and create visually accurate molecules.	2 hours	1/20/2023	A
5	Begin creating visualization of molecules	Create spheres for atoms and display them as molecules in arraylists	3 hours	1/29/2023	C
6	Complete interactive visualization	Use mouse events for drag and drop and to add or remove molecules from screen	10 hours	2/10/2023	C
7	Animate molecules to move correctly in each force	Use PVectors and trigonometry to determine angles and location of other molecules	5 hours	2/15/2023	C

8	Finish and clean up GUI	Fix textures, start screen, instructions and add more info on molecules	5 hours	2/23/2023	C
9	Bug Fix	Fixed perspective bug and arraylist indexes	3 hours	2/27/2023	C
10	Walkthrough teacher on how to use	Chemistry teacher has understanding of application	1 hour	3/1/2023	E
11	Export and create video	Create a video that explains the workings and	2 hour	3/15/2023	D