

### Criterion B: Record of Tasks

Task number	Planned action	Planned outcome	Time estimate	Target completion date	Criterion
1	Look for a client who is interested in a software	Found a teacher in my school who is now my client	2 weeks	10/2/20 - 10/16/20	A
2	Get approval from my computer science teacher	Was allowed to proceed with the idea from the teacher	3 days	10/16/20 - 10/19/20	A
3	Had an interview with the client to know what to develop	Discussed with client and now have all the main requirements	1 day	10/19/20 - 11/2/20	A
4	Write down the criterion A paper.	Wrote all the needed information on the criterion A paper.	1 day	11/2/20 - 11/9/20	A
5	Revise the criterion A paper with Computer Science Teacher and Client.	Made all the necessary edits to improve the paper.	1 day	11/9/20 - 11/16/20	A
6	Create the Criterion B paper and add very basic outlines of the UML designs, Flowcharts, Visual Designs, Test Plans, and Record of tasks.	Created the main outline of what needed to be done.	2 hrs	11/16/20 - 11/17/20	B
7	Create the record of table				B
8	Check with the client and computer science teacher regarding the Criterion B outline and complete the Record of tasks.	Got confirmation from both to continue and completed the Record of tasks.	3 days	11/18/20 - 11/21/20	B
9	Create all the UML Design for the (Core Structure, Main Sub-Applications, School data, and File System)	Created all the UML designs with some additions (Coloring, GUI structure)	2 weeks	11/21/20 - 12/5/20	B

10	Create the Flowcharts for: App first launched, Header Bar Buttons, Changing Sub-Apps Setup, Settings Sub-App, Repository Sub-App, Schedule Sub App, Report Card Sub-App, Class Editor Sub-App	Created all the flow charts as intended and added a key for what each shape in the flowchart is.	2 weeks	12/5/20 - 12/19/20	B
11	Create the graphical visualizations for: Welcome Screen, Loading Screen, Home Page, Single Application Layout, Settings, Repository, Schedule Application, Report Card, Class Editor	Completed all the graphical visualizations as intended but created 2 for the schedule application.	2 weeks	12/19/20 - 1/2/21	B
12	Create the test plan for the File System, App Layout Control, Repository App, Report Card App, Class Editor App, Schedule App	Completed all the test plans as was said but included a type of test box.	2 weeks	1/2/21 - 1/16/21	B
13	Create the ElectronJS project with all the main libraries ready to use (ReactJS, NodeJS, etc)	Created as planned.	1 day	1/16/21-1/17/21	C
14	Convert all the UML designs into valid javascript scripts.	Created as planned.	2 weeks	1/17/21 - 1/31/21	C
15	Add code to the data based classes that are independent from other classes (TDStudentClass, TDGrades, TDGradeWeight, TDSchoolClass, TDStudentReport,	Filled up each of the classes.	2 weeks	1/31/21 - 2/14/21	C

	TDFileSystem, TDFileReader, TDFileWriter, TDFSSimplified, TDColor, TDGradientColor)				
16	Create the test code and run it for the test named: Test Plan:File System	Completed the test	1 day	2/14/21 - 2/15/21	C
17	Expand all the app layout based classes by adding code to all of them (TDStartingFrame, TDHeaderBar, TDAppFrame, TDApplication, TDCore). Create the GUI for all the main classes using ReactJS that are being used. Reference the flowcharts named: Flowcharts: App first launched, Flowcharts: Header Bar Buttons, Flowcharts: Changing Application Setup. Reference the Graphical Visualization named: Graphical Visualization: Welcome Screen, Graphical Visualization: Loading Screen, Graphical Visualization: Home Page, Graphical Visualization: Single Application Layout.	Created as planned.	2 weeks	2/15/21 - 3/1/21	C
18	Create the test code and run it for the test named: Test Plan: App Layout Control	Completed the test	1 day	3/1/21 - 3/2/21	C
19	Expand the script for the Settings Sub-App class (SettingsApp). Then, create the GUI for the class using ReactJS. Reference the flowcharts named: Flowcharts:	Completed the Sub-App.	1 week	3/2/21 - 3/9/21	C

	Settings Application. Reference the Graphical Visualization named: Graphical Visualization: Settings Application.				
20	Expand the script for the Settings Sub-App class ( <a href="#">RepositoryApp</a> ). Then, create the GUI for the class using ReactJS. Reference the flowcharts named: Flowcharts: Repository Application. Reference the Graphical Visualization named: Graphical Visualization: Repository Application.	Created as Completed the Sub-App.	1 week	3/9/21 - 3/16/21	C
21	Create the test code and run it for the test named: Test Plan: Repository App	Completed the test	1 day	3/16/21 - 3/17/21	C
22	Expand the script for the Settings Sub-App class ( <a href="#">ScheduleApp</a> ). Then, create the GUI for the class using ReactJS. Reference the flowcharts named: Flowcharts: Schedule Application. Reference the Graphical Visualization named: Graphical Visualization: Schedule Application #1, Graphical Visualization: Schedule Application #2.	Completed the Sub-App.	1 week	3/17/21 - 3/24/21	C
23	Create the test code and run it for the test named: Test Plan: Schedule App	Completed the test	1 day	3/24/21 - 3/25/21	C
24	Expand the script for the Settings Sub-App class ( <a href="#">ReportCardApp</a> ). Then, create the GUI for the class using ReactJS. Reference the flowcharts named: Flowcharts:	Completed the Sub-App.	1 week	3/25/21 - 4/1/21	C

	Report Card Application. Reference the Graphical Visualization named: Graphical Visualization: Report Card Application.				
25	Create the test code and run it for the test named: Test Plan: Report Card App	Completed the test	1 day	4/1/21 - 4/2/21	C
26	Expand the script for the Settings Sub-App class (ClassEditApp). Then, create the GUI for the class using ReactJS. Reference the flowcharts named: Flowcharts: Class Editor Application. Reference the Graphical Visualization named: Graphical Visualization: Class Editor Application.	Completed the Sub-App.	1 week	3/25/21 - 4/1/21	C
27	Create the test code and run it for the test named: Test Plan: Class Editor App	Completed the test	1 day	4/1/21 - 4/2/21	C
28	Compile the application to a release version for MacOS and Windows.	Completed	1 day	4/2/21 - 4/3/21	
29	Create the document and outline the different sections that need to be made for Part C of the documentation.	Completed	1 day	4/3/21 - 4/4/21	C
30	Write about the different libraries used to create the product.	Completed	2 days	4/4/21 - 4/6/21	C
31	Discuss the database JSON and ID system with 3 different sections. (General File System, JSON Read and Write Data, Explanation of Pointers and ID System)	Completed the 3 sections of the file system.	5 days	4/6/21 - 4/11/21	C

32	Discuss how object oriented programming was used in the product (Hierarchy of all the objects, Applications inheritance, Modular Programming)	Completed the 3 sections of the object oriented section.	5 days	4/11/21 - 4/16/21	C
33	Write about memory management obstacles in the product (Memory Saving GUI, File System Data)	Completed the 2 sections.	3 days	4/16/21 - 4/19/21	C
34	Create the GUI diagrams for the first 3 sections (Welcome Screen, Loading Screen, Home Page).	Completed the 3 sections.	5 days	4/19/21 - 4/24/21	C
35	Create the GUI diagrams for the next 3 sections (Single Application Layout, Settings Application, Repository Application).	Completed the 3 sections.	5 days	4/24/21 - 4/29/21	C
36	Create the GUI diagrams for the last 3 sections (Schedule Application #3, Report Card Application, Class Editor Application).	Completed the 3 sections.	5 days	4/29/21 - 5/04/21	C
37	Contact the client and have an interview with the client regarding the current status of the product.	Completed the interview.	5 days	5/09/21 - 5/14/21	E
38	Discuss the product Evaluation via the success criteria	Written.	2 days	5/14/21 - 5/16/21	E
39	Discuss the product Evaluation via the success criteria	Written.	2 days	5/16/21 - 5/18/21	E
40	Discuss the product	Written.	2 days	5/18/21 - 5/20/21	E

	Evaluation via the success criteria				
41	Create the script for the video in regards to all the different success criteria.	Completed the script	4 days	5/04/21 - 5/08/21	D
42	Record the video for the entire.	Completed the video	1 day	5/08/21 - 5/09/21	D
43	Package the entire Internal assessment so it is ready to be graded	Completed	1 day	5/20/21 - 5/21/21	N/A