

### Criterion B: Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimate (hr)	Target Completion date	Criterion
1	Meeting with Client One: Discuss problem with Client	Understand Client's problem that I could solve. (Appendix B.1)	1	2/01/23	A
2	Meeting with Advisor One: Discuss ways to potentially solve the problem	Understand an overview of how to solve (Appendix B.2)	1	2/03/23	A
3	Meeting with Client Two: Present possible solutions to client, discuss client's vision for app	Decide on a solution that works for them (Appendix B.3)	0.5	2/04/23	A
5	Complete Criterion A write up	Finish all sections of Criterion A	1	2/05/23	A
6	Meeting with Client Three: Show Success Criteria to client	Approve Success Criteria with client (Appendix B.4)	0.5	2/05/23	A
7	Work on rough draft of designs (UI Flows)	Finish initial version	1	2/10/23	B
8	Meeting with Client Four: Show client UI Flows	Get feedback (Appendix B.5)	1	2/11/23	B
9	Improve designs	Create new	1.5	2/13/23	B

	with feedback (UI flows)	designs for app			
10	Create Flowchart	Finish Flowchart	2	2/13/23	B
11	Outline main algorithms to be used as well as objects planned	Finish those sections for Criterion B	1	2/15/23	B
12	Complete Criterion B write up	Finish all sections of Criterion B	1	2/15/23	B
13	Set up Flutter and connect to VS code	Have applications ready to use	0.5	2/20/23	C
14	Download and connect Android Studio emulator	Connect with existing flutter and vs code project	0.5	2/20/23	C
15	Watch tutorials on flutter dart	Watch tutorials to understand basics of how to use flutter	1	2/21/23	C
16	Code out homepage design	Use new knowledge of Dart and Flutter to create a basic homepage	1	2/28/23	C
17	Add functioning buttons to homepage	Implement the buttons “Inventory” and “Recipes” that bring user to other pages	1	2/28/23	C
18	Download Firestore Firebase	Have access to a cloud database for the project	1	3/02/23	C
19	Design Inventory Page	Ready to implement	1	3/03/23	C

		functionality			
20	Design Add Recipe Page	Ready to implement functionality	1	3/03/23	C
21	Design Menu Page	Ready to implement functionality	1	3/03/23	C
22	Meeting with Client Five: Show client designs	Get feedback (Appendix B.6)	1	3/04/23	C
23	Change designs	Adhere to Client feedback	1	3/04/23	C
24	Move existing UI diagrams to appendix	Have initial designs saved	0.5	3/05/23	B
25	Insert new designs for pages	Finalize that section in Criterion B	0.5	3/05/23	B
26	Store user input in database for inventory	Allow manipulation in inventory database	1	3/07/23	C
27	Store user input in database for add Recipe	Allow manipulation in menu database	1	3/07/23	C
28	Research accessing data in Firestore	Acquire new knowledge	0.5	3/08/23	C
29	Research Streambuilder	Acquire new knowledge	0.5	3/09/23	C
30	Use StreamBuilder to access database in inventory	Allow access of inventory database	1	3/09/23	C
31	Create display	Allow user to see	1	3/10/23	C

	method in inventory	the inventory			
32	Create editing functionality in inventory	Allow manipulation in inventory database	1	3/11/23	C
33	Use StreamBuilder to access database in menu	Allow access of menu database	1	3/12/23	C
34	Create display method in menu	Allow user to see the menu	1	3/12/23	C
35	Allow user to see all information on a recipe	Increase display functionality	1	3/12/23	C
36	Create editing functionality in menu	Allow manipulation in menu database	1	3/13/23	C
37	Debug and Refactor Code	Fix and errors	0.5	3/14/23	C
38	Meeting with Advisor Two: show app	Get feedback (Appendix B.7)	1	3/14/23	C
39	Fix app according to Advisor suggestions	Improved app	1	3/14/23	C
40	Meeting with Client Six: Show app	Get feedback (Appendix B.8)	1	3/15/23	C
41	Fix app according to Client suggestions	Finished app	1	3/15/23	C
42	Move Flowcharts to appendix	Save initial versions	0.5	3/16/23	B
43	Create new flowcharts more	Final Flowcharts	1	3/16/23	B

	accurate to design				
44	Move UML Diagrams to appendix	Save initial versions	0.5	3/16/23	B
45	Create new UML Diagrams	Final UML Diagrams	1	3/16/23	B
46	Finalize Section B	Finish entire section	1	3/17/23	B
47	Finish Appendix	Finish works cited and formatting	1	3/18/23	C
48	Create plan for Criterion D	Plan should be followed in video	1	3/18/23	D
49	Write Criterion E Evaluation	Finish Criterion E Evaluation	1	3/19/23	E
50	Record video	Complete Criterion D	0.5	3/19/23	D
	Gather all material with correct formatting	Finish IA	0.5	3/20/23	E

Total Hours: 45