CRITERION B: RECORD OF TASKS

TASKS:

Task Number	Planned Action	Outcome	Time Estimated (hours)	Completion Date	Criterion
1	Initial Client Consultation	Discussed possible ideas with client for project	0.5	2/7/23	A
2	Second Client Consultation	Identified problem with client's current approach to tracking homework	0.5	2/9/23	A
3	Third Client Consultation	Developed success criteria with client.	0.5	2/11/23	A
4	Initial Advisor Consultation	Verified project scope and possibility with advisor.	1	2/14/23	A
5	Begin updating and Flutter	Updated flutter to ensure project would be up to date and compatibility with most recent flutter features	0.5	2/15/23	C
6	Dealing with issues with Flutter (cocoa pods errors)	Investigated issue with flutter doctor and cocoa pods	0.5	2/15/23	C
7	Setting up demo app for 2/16 demo day	Development environment set up	0.5	2/15/23	C
8	In class demo day	Demonstrated working development environment in class	0.25	2/15/23	C
9	Document A Drafting	Began draft of document A with client consultations in mind	0.5	2/17/23	A

10	Document A Drafting Continued (after break)	Continued drafting document A after break	0.5	2/27/23	A
11	Finalizing Document, A	Finished Document A, with respect to all different portions	0.5	3/3/23	A
12	Flow Chart for Document B	Created basic flowcharts for document B	1	3/3/23	B
13	Use Case Diagram for Document B	Finished first use case diagram for document B	1	3/3/23	B
14	Home Splash Screen	Development of file structure, importing assets	1	3/3/23	C
15	Meeting with client	Getting Input on design from client	0.5	3/4/23	Appendix
16	Importing font and creating theme	Setting up font and theme from client consultation	0.5	3/4/23	C
17	Discussion with advisor	Getting insight on steps needed to create app	1	3/5/23	Appendix
18	Discussion with client	Finalizing implementation and uses with client	1	3/6/23	Appendix
19	Log In Page Development	Development of UI Layout and Initial Firebase set up	1	3/6/23	C
20	Firebase debugging	Debugging log in errors with Firebase	1	3/6/23	C
21	Fixing Pubspec.yaml	Fixing error with dependencies	0.5	3/7/23	C
22	First instance of Pod File error (debugging)	Error Building, had to rebuild pod file	1	3/8/23	C

23	Finalizing Log in Page	Finalizing user log in	1	3/10/23	C
24	Creation of SignUp Page	Creating User Sign Up with email and password	1	3/11/23	C
25	Debugging	Debugging firebase auth errors	1	3/13/23	C
26	Setting up firestore	Setting up cloud firestore initial data structure	1	3/13/23	C
27	Podfile error 2	Once again debugging errors with building pods	1	3/14/23	C
28	Debugging	Continued fixing podfile errors	0.5	3/14/23	C
29	Development of landing page	Development of original home screen without Nav Bar	1	3/15/23	C
30	NavBar implemetation	Implementation of Google Nav Bar	1	3/15/23	C
31	Adding Sign Out functionality	Creating of Sign Out Functionality	1	3/15/23	C
32	Meet with Client	Meeting with client to confirm design	0.5	3/16/23	Appendix
33	Reading from Firestore initial setup	Setting up firestore test data stack	0.5	3/16/23	C
34	Initial Document B UML Diagram	Creating UML Diagram from code	1	3/16/23	B
35	Secondary Flowchart development	Creating secondary flow charts	1	3/16/23	B

36	Setting Up Stream Builder	Setting Up stream builder with listview to display data returned from Firebase	1	3/17/23	C
37	Returning Data for Classes	Returning data from class collection	0.5	3/17/23	C
38	Returning Data for Assignments	Returning data from assignments collection	0.5	3/17/23	C
39	Setting up Modal Sheet for Assignments	Setting up bottom screen with secondary stream builder	1	3/17/23	C
40	Set Up Assignment Pop Up Information	Setting up pop up card functionality	1	3/17/23	C
41	Meeting with advisor	Meeting with advisor to discuss potential expansion	1	3/18/23	Appendix
42	Meeting with Client	Meeting with client to discuss what was communicated with advisor	0.5	3/18/23	Appendix
43	Adding Class Functionality	Adding Class screen	1	3/18/23	C
44	Debugging Firestore	Fixing errors with writing to firestore (duplicate class entries)	1	3/18/23	C
45	Adding Assignment Functionality	Adding assignment functionality with search functions	1	3/18/23	C
46	Sign Up original fire store user data creation	Creating initial user file structure upon log in	1	3/18/23	C
47	MapADT creation	Switching original implementation of Maps with custom ADT file structure	1	3/18/23	C
48	Map ADT finalizing	Finalizing the implementation of ADT with toMap extension	0.5	3/18/23	C

49	Finalizing code	Finalizing code	0.5	3/19/23	C
50	Tertiary Document B diagrams	Adding to diagrams to allow for new code extensions	0.5	3/19/23	B
51	Finalizing Document C	Ensuring all elements in document see were correct	0.5	3/19/23	B
52	Appendix Creation	Compiling documents over time	0.5	3/19/23	Appendix
53	Error First Attempt to Fix Build Error	Fixing error after Xcode updated (attempted)	9	3/19/23	C
54	Error Second Attempt to Fix Build Error	Further errors with Xcode, and the compilation of code	9	3/20/23	C
55	Reinstalling Ruby	Reinstalling of Ruby to potentially fix errors with Cocoapods	1	3/20/23	C
56	Reinstalling Coca pods	Resinstalling of Cocoapods gem	1	3/21/23	C
57	Fixing Pod File	Deleting and rebuilding pod file, Pods folder and Podfile.lock	1	3/21/23	C
58	Video Creation	Creating Video with success criteria	1	3/23/23	D
59	Gathering UI Screen Shots	Gathering UI Screen shots	1	3/23/23	All
60	Displaying Final Product to Client	Displaying final product to client after turn in	0.5	3/23/23	Appendix
61	Evaluation	Evaluating Success	0.5	3/23/23	E

Total Hours Spent: 63.75