Record of Tasks

The table reflects the five stages of design: Planning, design, development, testing and implementation

Task number	Planned Action	Expected Outcome	Time Estimated	Date	Criteria
1	Planning: Meet with the client to define the issue	①Clients' needs will be clarified ②Basic client requirements will be obtained	1 hour	2020/8/05	A
2	Design: Sketch of the app	A sketch of the application will be created based on the obtained information in step 1	1 hour	2020/08/05	B
3	Design: Get feedback from the client and update the sketch	Feedback for improvement on the sketch will be obtained	30 minutes	2020/08/09	B
4	Development: Download Cocoapods into the computer	Cocoapods, (a necessary component in swift projects) will be downloaded to set up the workspace	1 hour	2020//11/14	C
5	Planning: Learning about Firebase (Cloud Firestore / Firebase Authentication)	①learn about what a firebase is and how to connect it to an xcode project ②Learning about authentication system in firebase	3 hours	2020//11/19	A
6	Development: Create a registration system	①a registration system where user can create their own account, will be created ②conditional statements to catch errors and notifying them to users when	4 days	2020/11/20 ~11/23	C

		detecting invalid information, will be created			
7	Development: Create a login system	①a system that stores user input information and compares them to the registered information, will be created ②system which catches any error in the login information will be created	2 days	2020/11/24 ~11/25	C
8	Development: Creating a navigation system	A navigation system which works under certain conditions will be created	2 days	2020/11/27 ~11/28	C
9	Testing: Testing the login / registration system	Checking if the registration / login system works as outlined in the success criteria	1 hour	2020/11/28	D
10	Development: Web scrape to build database for recipes	①a webscraping system will be created ②program to store the retrieved data to Cloud Firestore will be created	1 week	2020/11/30 ~2020/12/06	C
11	Development: Creating search page and searching algorithm	① search page with a text box (for containing user inputs) and List View will be created ②program that looks for the keyword associated with the	2 weeks	2020/12/18 ~2020/12/23 12/27~	C

		recipe name (stored in database) will be created ③dynamic list view for showing multiple recipes will be created		2021/01/02	
12	Development: Creating details page & navigation system between search page and details page	① details page which shows the ingredients and nutrition information will be created ②navigation system between main search page and details page will be created	1 week	2021/01/03 ~-01/09	C
13	Development: Creating timer system	Alert View that pops up when recipe is selected more than once within 24 hours	2 days	2021/01/11 ~01/12	C
14	Testing: Testing if the search method works	The searching algorithm will be tested to see if it returns the desired values	1 hour	2021/01/12	D
15	Testing: Testing all navigation views	The navigation between pages will be tested (if the navigation links work at certain conditions)	1 hour	2021/01/12	D
16	Testing: Testing the entire application for any malfunctions	The entire application will be tested to check for any flaws	1 hour	2021/01/12	D

17	Development: Debugging and fixing the application	Fixing the malfunctions / bugs of the application	2 days	2021/01/14 ~01/15	C
18	Implementation: User testing the application	The application will be delivered to the users and will be tested through the users perspective	30 mins	2021/01/15	E
20	Implementation: User feedback	After the users used the application feedbacks will be given	20 mins	2021/01/15	E