

Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Discussion of the project with the CS teacher	Clearing of doubts regarding app development for the IA and getting approval	1 day	18/09/2023	Planning
2	Preliminary discussion with Mr. Hari (client)	Determine his problem and his current method of dealing with it	1 day	19/09/2023	Planning
3	Meeting with advisor	Determine the product details (languages and frameworks to be used etc.) and clear development-related doubts	1 day	20/09/2023	Planning
4	Solution discussion with Mr. Hari	Solution proposed to client and his approval gained	1 day	21/09/2023	Planning
5	Set project tasks and deadlines	To keep myself on track with the development process	1 days	22/09/2023	Planning
6	Learning Firebase's authentication and data storage features	Have the knowledge necessary for implementing Firebase services in the product	1 day	23/09/2023	Development
7	Designing SignIn page	Have an outline of the SignIn page and its components	1 day	24/09/2023	Design
8	Designing Home page	Have an outline of the Home page and its components	1 day	25/09/2023	Design

9	Designing Budget page	Have an outline of the Budget page and its components	1 day	26/09/2023	Design
10	Designing Reports page	Have an outline of the Reports page and its components	1 day	27/09/2023	Design
11	Designing Settings page	Have an outline of the Settings page and its components	1 day	28/09/2023	Design
12	Obtaining client approval for application design	Present the design outlines of the pages of the application to the client for his approval to commence development	1 day	29/09/2023	Design
13	Creating SignIn page	To allow the client to sign in using his Google account	1 day	30/09/2023	Development
14	Testing SignIn page	To find any errors in the sign in process	1 day	1/10/2023	Testing
15	Fixing errors relating to database connection	Troubleshooting and fixing errors with the database connection	2 days	3/10/2023	Development
16	Creating IncomeForm component	To allow the client to add a new income to the database	1 day	5/10/2023	Development
17	Creating ExpenseForm component	To allow the client to add a new expense to the database	1 day	6/10/2023	Development
18	Testing the IncomeForm and ExpenseForm components	To find if there are any errors with the components	1 day	7/10/2023	Testing

19	Creating RecentTransactionsTable component	To allow client to view his four recent transactions	1 day	8/10/2023	Development
20	Testing the RecentTransactionsTable component	Determining and fixing errors with the display of the recent transactions	1 day	9/10/2023	Testing
21	Creating Budget page	Allow client to view and filter his transactions	2 days	11/10/2023	Development
22	Creating TransactionFilter component	To allow the client to filter the transactions by the transactions type (income/expense)	1 day	12/10/2023	Development
23	Testing TransactionFilter component	Checking for errors with the filtering algorithm	1 day	13/10/2023	Testing
24	Creating DateFilter component	To allow the client to filter the transactions by time	1 day	14/10/2023	Development
25	Testing DateFilter component	Checking for any errors or problems with the filtering algorithm	1 day	15/10/2023	Testing
26	Creating AmountFilter component	To allow the client to filter the transactions by the magnitude of the transaction	1 day	16/10/2023	Development
27	Testing AmountFilter component	Checking for any errors or problems with the filtering algorithm	1 day	17/10/2023	Testing
28	Creating CategoryFilter component	To allow the client to filter the transactions by the category of the transactions	1 day	18/10/2023	Development

29	Testing CategoryFilter component	Checking for any errors or problems with the filtering algorithm	1 day	19/10/2023	Testing
30	Testing all the transactions filtering components together	To find any errors in the combined query that is sent to the database	1 day	20/10/2023	Testing
31	Fixing database query issues in the Budget page	Troubleshooting and fixing errors relating to the combined database query in the Budget page	3 days	23/10/2023	Development
32	Creating Reports page	Creating graphs to allow the client to view the daily incomes, expenses, and balances for a specific selected month and year	2 days	25/10/2023	Development
33	Creating MonthlyIncomeGraph, MonthlyExpenseGraph, and MonthlyBalanceGraph components	To allow the client to view the daily income/expense/balance for a specific month and year	3 days	28/10/2023	Development
34	Testing functionality of aforementioned graph components	Checking for any errors or problems with the combined query in the graph components	1 day	29/10/2023	Testing
35	Creating MonthlyIncomePiechart and MonthlyExpensePiechart components	To allow the client to view which categories they have the most income/expense from for every month	1 day	30/10/2023	Development

36	Testing MonthlyIncomePiechart and MonthlyExpensePiechart components	Checking for any errors or problems with the database query	1 day	31/10/2023	Testing
37	Creating Settings page	To plan out how to design and where to place the CategoryTable component	1 day	1/11/2023	Development
38	Creating CategoryTable component	To allow the client to create, view, edit or delete transaction categories	1 day	2/11/2023	Development
39	Testing CategoryTable component	To check for any errors in the database queries	1 day	3/11/2023	Testing
40	Obtaining client approval for product	Presenting the product to the client to gain his approval for further testing	1 day	4/11/2023	Testing
41	Conducting alpha testing	Checking for errors or problems with the overall application	1 day	5/11/2023	Testing
42	Conducting user acceptance testing	For getting client's initial product feedback	1 day	6/11/2023	Testing
43	Implementing product in client's systems	For obtaining the client's feedback for the product	7 days	13/11/2023	Implementation
44	Feedback meeting with client	Listening to the client's experience with the product	1 day	14/11/2023	Implementation
45	Implementing client's suggestions in the product	Adding graph axes to the MonthlyIncomeGraph,	2 days	16/11/2023	Development

		MonthlyExpenseGraph and MonthlyBalanceGraph components as requested by the client during the feedback meeting			
46	Handover of product	Installation of final product on client's systems	1 day	17/11/2023	Implementation