**Criterion B: Record of tasks**

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| 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 deletetransaction 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, MonthlyExpenseGraph and MonthlyBalanceGraph components as requested by the client during the feedback meeting | 2 days | 16/11/2023 | Development |
| 46 | Handover of product | | Installation of final product on client’s systems | 1 day | 17/11/2023 | Implementation |