

Record Of Tasks

Criterion B

Task Number	Planned Action	Planned Outcome	Time Estimate	Target Completion Date	Criterion
1	Initial client meeting	Discuss exact client problems and understand usage scenario	30mins	2nd February 2018	A
2	Further Consultation Via Email	Suggest Solution. Also determine a name for program.	30mins	13th February 2018	A
3	Further Consultation Via Email	Establish Success Criteria	30mins	13th February 2018	A
4	Design Test Plan to ensure Success Criteria is met	Detailed Test Plan with expected results	60mins	26th February 2018	B
5	Create key flowcharts algorithms for program	Flowchart for key algorithms enabling a clearer understanding	60mins	29th February 2018	B
6	Create GUI Interface Designs for App Using Marvel	GUI Interface Designs	120mins	2nd March 2018	B
7	Develop Data flow and hierarchical chart to plan how the system will be navigated.	Data flow Diagram and Hierarchical Diagram	60mins	3rd March 2018	B
8	Set up project on VS Code with development environment	Empty workspace ready for code with Flutter and Dart plugins installed for VS Code	30mins	19th March 2018	C
9	Set up individual classes for each screen	Individual Classes for each screen that either inherit a Stateless or Stateful Widget	60 Mins	21st March 2018	C
10	Set up data models with offline dummy data	Classes detailing each type with variable initialised (Product, Transaction and Notice) And also array of dummy data	90 mins	23rd March 2018	C
11	Set up Login for Firebase Auth in App	Build login page and add necessary algorithm for signing in and out	90mins	1st April 2018	C
12	Test Criteria A- E	Successful Outcome	30mins	1st April 2018	B, C, D

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13	Client Feedback on v0.1.0 of app through email consultation	Video of current version together with feedback from client regarding app	20mins	1st April 2018	E
14	Implement Stock Section	Listview showing products listed as well as dialogs for adding, updating and deleting	120 mins	3rd April 2018	C
15	Test Criteria G- K	Successful Outcome	30mins	3rd April 2018	B, C, D
16	Client Feedback on v0.2.0 of app through email consultation	Video of current version together with feedback from client regarding app	20mins	3rd April 2018	E
17	Implement Checkout Screen and functionality for adding items to basket	Gridview showing products, and when products are clicked added to linked list and displayed in container	180mins	8th April 2018	C
18	Test Criteria L-N	Successful Outcome	30mins	8th April 2018	B, C, D
19	Client Feedback on v0.3.0 of app through email consultation	Video of current version together with feedback from client regarding app	20mins	8th April 2018	E
20	Implement Notice Board Section	Listview sorted by date added and things added	120mins	13th April 2018	C
21	Implement Transaction Screen	Listview sorted by date added and able to add and remove transactions	120mins	20th April 2018	C
22	Implement Finance Screen	Graphs showing spending and income, as well as total budget	240mins	4th May 2018	C
23	Test Criteria O - T	Successful Outcome	30 mins	4th May	B, C, D
24	Client Feedback on v0.4.0 of app through email consultation	Video of current version together with feedback from client regarding app	20mins	4th May 2018	E
25	Setup database and authentication using Firebase	Go through setup steps and add dummy data to collection	45mins	12th May 2018	C
26	Migrate from dummy data to database	Let app call from database instead of normal data for all necessary data storage	60mins	1st June 2018	C
27	Implement functionality for user permissions	Show addition buttons for High-level users and remove permission for low level users to edit Data	240mins	6th July 2018	C

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28	Implement theming and colouring of App	App has client-agreed colour scheme and customised fonts	30mins	9th July 2018	C
29	Test Criteria U, V, F	Successful Outcome	30 mins	9th July 2018	B, C, D
30	Client Feedback on v0.5.0 of app through email consultation	Video of current version together with feedback from client regarding app	20mins	9th July 2018	E
31	Debug Program and go through test criteria	Find any faults and errors with the code	120mins	21st July 2018	C
32	Record video demonstration	Video with narration over how the app works	120mins	28th July 2018	D
33	Perform alpha testing individually in Student Council	Find bugs or faults and fix them	1 week	20th August 2018	C
34	Introduce client to app through meeting	Client knows how to use app and is aware of all features	30 mins	27th August 2018	E
35	Perform beta testing with client in Student Council	Find bugs or faults and fix them	1 week	27th August 2018	C, E
36	Produce installable app(v1.0)	Android APK iOS IPA file	120mins	5th Sept 2018	C
37	Handover files to Client and install on client devices	App installed on devices	120mins	1st October 2018	C,E
38	Meet with client to discuss app after a period of usage	Any problems, potential improvements and ways for extensibility	30mins	October 20th 2018	E