## Criterion B: Record of tasks

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| Task number | Planned action | | Planned outcome | | | | Time estimated | | Target completion date | | | Criterion |
| 1 | Find a client. | | Sent emails to potential clients. Introducing the project and what their role would be as a client. | | | | 0.75 | | February 2, 2023 | | | A |
| 2 | Talk to Mr. Howard, the client about the problem. | | Discussed with Mr. Howard what the problem is. And what requirements a solution must have. | | | | 1 | | February 4, 2023 | | | A |
| 3 | Write documentation on scenario. | | Wrote down the scenario and what the problem is. | | | | 1 | | February 4, 2023 | | | A |
| 4 | Write the remaining portions of Criterion A. Add solution and success criteria. | | Completed the Criterion A documentation, adding the solution, rationale, and success criteria. | | | | 1 | | February 5, 2023 | | | A |
| 5 | Research into Azure Kubernetes Service. And how you can create and host microservices. | | Read through documentation about AKS. Also learned about compatibility with other platforms. | | | | .75 | | February 6, 2023 | | | B |
| 6 | Add initial client consultations. | | Created Appendix document and added initial consultations with client. | | | | 1 | | February 8, 2023 | | | Appendix |
| 7 | Continue working on Criterion B. | | Added algorithms and data structures that I plan to use. | | | | .75 | | February 9, 2023 | | | B |
| 8 | Continue working on methodology/  design overview. | | Created Flowchart for user flow and created a preliminary test plan. | | | | .75 | | February 12, 2023 | | | B |
| 9 | Create class diagram and user flow mockups. | | Created UML diagram with desired classes. | | | | .75 | | February 13, 2023 | | | B |
| 10 | Find which API to use. | | Found potential AP that I can use by Amazon | | | | 1 | | February 15, 2023 | | | C |
| 11 | Contact developer team for BestBuy. | | Emailed to ask about whether students are allowed to use their API. | | | | .75 | | February 15, 2023 | | | C |
| 12 | Contact client about API situation. | | Got idea about what APIs to use. | | | | 0.5 | | February 19, 2023 | | | C |
| 13 | Setup Firebase. | | Added flutter app. Still having issues connecting. | | | | 1.5 | | February 27, 2023 | | | C |
| 14 | Fix Firebase connection to web app. | | Fixed the issue with Firebase. | | | | .75 | | March 1, 2023 | | | C |
| 15 | Create some UI mockups. | | Created mockups and shared them with advisor. | | | | .75 | | March 1, 2023 | | | C |
| 16 | Code Login UI. | | Coded login and part of SignUp UI pages. | | | | 0.75 | | March 1, 2023 | | | C |
| 17 | Add advisor and client interactions. | | Added interactions with client and advisor. | | | | 0.75 | | March 3, 2023 | | | Appendix |
| 18 | Route through different pages. | | Created route for user | | | | 1 | | March 4, 2023 | | | C |
| 19 | Route through all the screens. | | Created MainMenu but routing didn’t work. | | | | 0.75 | | March 6, 2023 | | | C |
| 20 | Create SignUp Page and Login Authentication. | | Created register method and hooked it up to SignUp page. | | | | 1 | | March 6, 2023 | | | C |
| 21 | Create Login Page Authentication. | | Created loginUser method and fixed Firebase Auth. | | | | 0.75 | | March 6, 2023 | | | C |
| 22 | Navigate between the Login, SignUp and MainMenu. | | Used navigator to route between screens. | | | | 1 | | March 7, 2023 | | | C |
| 23 | Navigate between different screens. | | Fixed navigator and moved routes to constants. | | | | 1 | | March 7, 2023 | | | C |
| 24 | Update Criterion B with latest design algorithm. | | Updated Criterion B. | | | | 0.75 | | March 8, 2023 | | | B |
| 25 | Create factory methods that parse JSON. | | Created first factory method call. | | | | 1 | | March 9, 2023 | | | C |
| 26 | Created factory methods that parse JSON into product data. | | Scrapped the factory methods. | | | | 1 | | March 9, 2023 | | | C |
| 27 | Update Criterion B and C. | | Updated Criterion B and C. | | | | 1 | | March 10, 2023 | | | B/C |
| 28 | Retrieve data with Rainforest API for Amazon. | | Created appendSearch method that creates the url for the http call. | | | | 1 | | March 10, 2023 | | | C |
| 29 | Make the HTTP call and retrieve data. | | Made fetchFromAPI method but it doesn’t work. | | | | 1 | | March 13, 2023 | | | C |
| 30 | Fix the fetchFromAPI method. | | Fixed the method and API key link for searching API. | | | | 1.5 | | March 15, 2023 | | | C |
| 31 | Create method to display products in hierarchy. | | Started creating ascending order sorting. | | | | .75 | | March 15, 2023 | | | C |
| 32 | Tried to create bubble sort. | | Broke the method now both APIs don’t work with sort. | | | | .75 | | March 16, 2023 | | | C |
| 33 | Try to create bubble sort. | | Successfully created recursive bubble sort method that sorts products in ascending order by price. | | | | 1.5 | | March 16, 2023 | | | C |
| 34 | Update Criterion C to reflect new changes. | | Updated Criterion C. | | | | 0.75 | | March 16, 2023 | | | C |
| 335 | Fix images to show in the list view instead of container. | | Still need to fix the Images to show without cutoff. | | | | 0.75 | | March 17, 2023 | | | C |
| 36 | Get images to show in list view without overflow. | | Got images to show without error. | | | | 1 | | March 17, 2023 | | | C |
| 37 | Upgrade UI. Make product link pressable. | | Made UI look slightly better and fixed the issue with both APIs not running. | | | | 1 | | March 18th 2023 | | | C |
| 38 | Work on Criterion E. | | Finished 3/4th of the success criteria evaluation. | | | | 1 | | March 18, 2023 | | | E |
| 39 | Film Criterion D Video. | | Finish Filming Demo. | | | | 1 | | March 18, 2023 | | | D |
| 40 | Update design documents to reflect new changes. | | Updated design documents to reflect current state of the app. | | | | 1 | | March 19, 2023 | | | B |
| 41 | Finish Criterion E and Submit IA. | | Completed Criterion E. | | | | 1 | | March 19,2023 | | | E |
| 42 | Check and Submit IA. | | Submitted IA. | | | | 1 | | March 20, 2023 | | | A-E |
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**Total Time: 38.75** Hours