

Criterion B: Record of tasks

Task Number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Choosing a client	Decide on which client	1 month	20. May 2020	A
2	Initial contact with client	Send first email to client	20 min	25. May 2020	A
3	Re-establish contact with client after summer break	Follow-up email to client	10 min	27. Aug 2020	A
4	In person discussion with client	Discuss needs of client, and expectations of what functionality the product should include	30 min	3. Sep 2020	A
5	Confirm success criteria with client	Client agrees with success criteria (see appendix)	5 min	10. Sep 2020	A
6	Making system diagram	Finish system diagram	1 hr	15. Sep 2020	B
7	Planning UI design for homepage and selling page	Finish sketches of UI design	2 hr	16. Sep 2020	B
8	Make webpage relationship overview	Finish webpage relationship overview	1.5 hr	19. Sep 2020	B
9	Make Entity relationship diagram (ERD) for database	Finish ERD for database	1 hr	19. Sep 2020	B
10	Make flowchart for recursive insertion sort algorithm	Finish flowchart	1.25 hr	22. Sep 2020	B
11	Make flowchart for search and categorize algorithm	Finish flowchart	1 hr	22. Sep 2020	B
12	Make flowchart for securing filename algorithm	Finish flowchart	45 min	24. Sep 2020	B
13	Create test plan for product (to test if all functionality is working)	Finish test plan	40 min	26. Sep 2020	B
14	Create first Flask application	Finish test application	1 hr	30. Sep 2020	C
15	Create Google OAuth	Retrieve client ID and client	30 min	2. Oct 2020	C

	client ID	Secret from Google Developer Console			
16	Create Google user login	Finish login implementation, with successful verification from Google	3 hr	2. Oct 2020	C
17	Create database (and relevant tables)	Create database, working query and possible to edit DB	2 hr	8. Oct 2020	C
18	Test database by inputting and displaying sample data	Usable database that can be edited	20 min	8. Oct 2020	D
19	Store Google user information in database	Request user information from Google authentication server, stores email, name, profile picture link etc in database	1.5 hr	8. Oct 2020	C
20	Create form for adding information when selling items	Finish form with all relevant fields, stores successfully in DB	2.5 hr	18. Oct 2020	C
21	Test different date format input	Identify validation algorithm needed to account for different browser formats	15 min	19. Oct 2020	D
22	Create date validation algorithm	Finish date validation algorithm	1 hr	19. Oct 2020	C
23	Create way of showing information in database on homepage	Show information on homepage in a grid for individual items	2 hr	20. Oct 2020	C
24	Add option of uploading pictures to the selling form	User can upload images to form, displays on homepage	1 hr	20. Oct 2020	C
25	Create search form and sort field on homepage	User can input and server can receive a search term	30 min	27. Oct 2020	C
26	Create categorization and search algorithm (from flowchart)	Items are filtered based on a search term input	2 hr	1. Nov 2020	C
27	Create recursive insertion sort algorithm (from flowchart)	Items are sorted (ordered) based on user choice	3 hr	5. Nov 2020	C
28	Test sorting and searching algorithm	Understand if the algorithm works in all cases (such as with 0 or 1 item)	10 min	7. Nov 2020	D
29	Improving sort and search algorithm	The algorithm handles special cases such as running with 0 or 1 items	1.5 hr	7. Nov 2020	C

30	Create category filter option	Finish category filter option	45 min	20. Nov 2020	C
31	Create profile page, showing posts	Finish profile page and display user posts	2.5 hr	21. Nov 2020	C
32	Create algorithm for securing filenames from flowchart	Finish code for algorithm	1 hr	21. Nov 2020	C
33	Create individual item pages with purchase item overlay and buttons	Finish individual item pages and overlay and button functionality	2 hr	25. Nov 2020	C
34	Test purchase functionality	Understand improvements needed for purchasing, including handling sold out items	20 min	27. Nov 2020	D
35	Create and improve user purchase response	Improved usability by decrease quantity of bought items, indicating sold out items, purchase confirmation screen	1.5 hr	27. Nov 2020	C
36	Create transaction database table	Finish functional transaction table	1 hr	30. Nov 2020	C
37	Create toggleable profile section to display posts and transaction history	Finish buttons that show/hide the sections	1 hr	30. Nov 2020	C
38	Create criterion D video testing the functionality of the product	Finish video	1.5 hr	1. Dec 2020	D
39	Deploy website on online hosting site	Website deployed and accessible	2 hr	9. Jan 2021	E
40	Initiate beta testing (for end-users), internally in house	Announce the website to housemates via email	20 min	9. Jan 2021	E
41	Conclude in-house beta testing	Interview housemates to understand how well the website worked	30 min	16. Jan 2021	E
42	Request feedback from client over email	Send email to client with link to website and feedback questions	45 min	18. Jan 2021	E
43	Receive feedback from client over email	Received feedback	5 min	22. Jan 2021	E

Word count: N/A