

Criterion B - Record of Tasks and Gantt

Chart

Pharmacy Management Application

Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Time	Criterion
1	Interview with the client	Identify shortcomings in their current processes, obtaining a signed authorisation letter for product development	2 hours	2/9/2023	A
2	Discussion with CS Teacher to identify potential solutions	Get an idea approved	1 hour	4/9/2023	A
3	Meeting with the client	Pitch the finalised idea and note recommended changes	30 mins	5/9/2023	A
4	Complete Rationale	Finalise details on the finer	3 Days	8/9/23	A

		details of the product, programming languages, and frameworks to be used according to the requirements			
5	Decide Success Criteria for the product and Complete Criteria A	Complete Criteria A	2 Days	11/9/23	A
6	Confirm the success criteria from the client	Finalise the success criteria for the product	2 hours	13/9/23	A
7	Create Flowcharts required for the system	Develop the application logic and illustrate it using flowcharts and pseudocode.	1 week	22/9/23	B
8	Create the Database according to the logic decided	Finalise tables and fields for the database	1 week	30/9/23	B
9	Make GUI Diagrams	Finalise layouts for the pages	10 days	8/10/23	B

10	Come up with a Test Plan	A method is devised to test each success criterion	3 days	11/10/23	B
11	Identify additional libraries and frameworks required	Finalize all the libraries required	1 day	12/10/23	C
12	Identify and learn the required skills	Build upon previous knowledge of Python, Django, and JavaScript frameworks	1 month	12/11/23	C
13	Initialize the Django project and install all necessary libraries	Finish setting up the project	2 days	14/11/23	C
14	Initialize the Vue project, setting up the store, router, and Axios	Complete the base implementation of the front end to be ready to define GUI components.	2 days	16/11/23	C
15	Create the Database Tables using Django Models	Finalize the database with the fields, primary keys, and relationships defined.	5 days	18/11/23	C

16	Setup Custom User Models	Define Custom User Models and Authentication Systems to meet project requirements	3 days	21/11/23	C
17	Establish a front-end and back-end connection	A way to send and receive data on both ends is established and debugged	5 days	25/11/23	C
18	Setup signin, login and authorisation in front end and backend for all profiles	Pages for the user to access their profiles and their features in the frontend	7 days	2/12/23	C
19	Define API endpoints and views for all admin and shared pharmacy features.		14 days	10/12/23	C
20	Create serializers for the models in the administrator	Create the serializers to convert JSON data into model objects and vice versa for administrator	4 days	6/12/23	C

	and pharmacy.	and pharmacy			
21	Create GUIs for all admin and shared pharmacy features.	Create interfaces using Vue and PrimeVue for administrator and pharmacy	1 week	10/12/23	C
22	Debug API Endpoints and logic in both front end and back end	Ensure a crash-free session rate for the administrator application	3 days	13/12/23	C
23	Follow the same procedures for creating doctor, the rest of pharmacy, and front desk profiles	Consistent creation of doctor, pharmacy, and front desk profiles, ensuring uniformity and reducing errors across all user types.	6 weeks	27/1/24	C
24	Test Product against Success Criteria	Make sure that the features of the product are consistent with the success criteria	2 day	29/1/24	D
25	Complete the Criteria C document	All the techniques used were listed and the corresponding code was	2 weeks	12/2/24	C

		<p> fetched and annotated. Outputs are also displayed and explained corresponding to the success criteria. </p>			
26	Handover of the product	The product is installed on the client's computer	1 day	13/2/24	E
27	Final interview with the client	<p> Following the use of the product, the customer provides feedback on the item and potential areas of improvement. Obtain the client's acknowledgement letter if they are satisfied. </p>	2 Hours	14/2/24	E
28	Completing evaluation against success criteria	The success criteria are assessed based on the client's feedback, and the test plan's outcome is recorded.	4 Hours	15/2/24	E
29	Complete the criteria E	Document Completed	3 Hours	16/2/24	E

	document				
30	Create the video of the product for criteria D	The video documenting all of the product's features is completed	2 Days	18/2/24	D

