

Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Consolidate solution and create an outline	Approachable yet effective solution outcome is decided and scope is defined	1 week	9/25/23	A
2	Get IA idea approved by teacher	Met with teacher to discuss what is realistic and level sets expectations	2 days	9/26/23	A
3	Client meeting pitch	Arrange meeting with GOAT staff and learn preferred features	1 hour	10/2/23	A
4	Write Criterion A	Criterion A is written with the consolidated problem and solution with detailed success criteria	2 hours	10/3/23	A
5	Design database tables	Drawn schema and planned implementation of MySQL for the solution	4 hours	10/5/23	B
6	Create UI deck to design application usage	Clear vision of application features and usage	4 hours	10/6/23	B
7	Create flowcharts for flow of information and	Clear vision of application's interplay with	2 hours	10/8/23	B

	flow of user interface	different components			
8	Research Swift and SwiftUI documentation from Apple	Understanding of how to implement wireframes	10 hours	10/10/23	B
9	Research NodeJs and documentation about connecting a Swift application to a Node.Js server	Understanding of how to unite the database, server, and application.	5 hours	10/17/23	B
10	Create “Start Workout” page	Page with timer, and basic selections for exercises, including repetitions and weight	8 Hours	10/21/23	C
11	Create “History” page	Page with historical data about workouts, allowing users to track progress	6 hours	10/24/23	C
12	Create “Home” page	Tidied UI and cohesive experience	4 hours	10/26/23	C
13	Create and populate database tables in my SQL	Database tables created storing types of rock climbing walls and equipment specific data	4 hours	10/28/23	C

14	Check-in with CS Teacher	Confirmed objectives and direction for remainder of project	30 mins	10/30/23	C
15	Check in with client to update database information and receive feedback	Direction to polish first draft of product with pertinent information to the gym	1 hour	10/30/23	B
16	Populate database with pertinent information and link database to program	Created code which links app to the database information	1 week	11/7/23	C
17	Implement suggested changes and edit aesthetics of program	Product is attractive and polished	2 weeks	12/1/23	C
18	Test functionality of code	Ensured that application works smoothly on IOS devices and updates to the database retain app functionality	4 weeks	1/10/23	C
19	Write Criterion C	Criterion C written with description of techniques and libraries used	3 days	2/13/24	C
20	Final meeting with Client	Product shown to client, feedback recorded, and ideas for solution	1 hour	2/28/24	E

		extensions discussed			
21	Visit climbing sections of gym and update information with current climbs	Climb is up to date with most recent 'reset' of gym and is ready for deployment	1 hour	2/28/24	E
22	Write Criterion E	Criterion E completed with a recount of client feedback	2 days	2/29/24	E
23	Record Criterion D	Criterion D recorded and compared with success criterion	2 days	3/1/24	D