

Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Initial Consultation with Client (Mr. Linen)	Learn the features that are desired for the program	30 min	8/28	A
2	Create Criterion A Planning	Establish guidelines for the intended solution and communicate with Mr. Parker	60 min	9/1	A
3	Create Success Criterion A	Establish the tasks that the program will have to complete in order to be useful as an electronic PR Sheet	60 min	9/8	A
4	Develop Outline of Internal Code based on success criteria	Establish which classes and methods should be included in the program itself, regardless of how the UI will be created	120 min	9/16	B
5	Create Criterion B Design Charts and Diagrams	Display Logical Flow Chart, Internal Class Structure, and GUI Structure	120 min	10/10	B
6	Design User Interface	Templates made to show how the main GUI menus will be displayed. This includes the main menu, the meet menu, and the edit races windows	120 min	10/15	B
7	Develop Modularization and Pseudocode	Establish which methods need to be compacted to a parent class and the overall function of every method should be understood	180 min	10/21	C
8	Programming and testing all Runner Functions	Runners are the primary object in this program that are handled by all other data structures and classes, this should ensure that the search, delete, and add functions are working properly with the Race and Time classes	120 min	10/30	C
9	Develop and testing PR sheet and Meet classes	This ensures that the primary data structure classes are able to manipulate all applicable data from the Runner, Race, and Time class	60 min	11/5	C

10	Add File Functionality	Be able to access files to initialize program from data file and export all data as a text file	30 min	11/10	C
11	Add Comments to Code	Clarifies the purpose of each method with post condition and justifies the variables passed in	45 min	11/16	C
12	Check Program for usability	Address all client based errors with try catch blocks and JOptionPane error messages	45 min	11/25	C
13	Create Criterion D Video	Shows how the program works and explains the situations where it would be appropriate to use certain functionalities	30 min	12/10	D
14	Final Meeting with Mr. Linen and developing Criterion E-Evaluation	Address any remaining issues with the program and developing evaluation	60 min	12/15	E