

## Criterion B: Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
1	Look into IA requirements and program expectations	Solid understanding of what the IA should accomplish	2 days	12/01/22	A
2	Brainstorm IA ideas	List of 3 applications I would be interested in creating	1 week	12/08/22	A
3	Interview future client about potentially creating a password manager	Decision on if this is the project I want to do and an idea of what success criteria to use	1 hour	12/09/22	A
4	Discuss Password Manager idea with advisor	Received approval from the advisor. List of features that I might include.	1 hour	12/12/22	A
5	Do more research on password managers	A list of standard features and functionality	2 hours	12/13/22	A
6	Evaluate programming languages and choose the most suitable one	Selected programming language and reasoning for choice	1 hour	12/13/22	A
7	Write the scenario, the rationale, and criteria for success	Finished Criterion A and understanding of what I have to accomplish next	1 week	12/20/22	A
8	Draft a rough design of the main menu	Idea for the development of the design and a good design reference	3 hours	12/21/22	B

9	Come up with subpage ideas and draft their design	Good design references and more ideas for development	5 hours	12/21/22	B
10	Draw diagrams/charts of how the program will work	Draft of how the files will interconnect and work with one another	2 hours	12/22/22	B
11	Create a schedule for developing the product	A schedule for what to do over winter break	1 hour	12/22/22	B
12	Create pages in NetBeans based on draft designs	Every page is modeled, and GUIs are generated	1 day	12/23/22	B,C
13	Think about how to test the product	Finished detailed test plan	3 hours	12/24/22	B
14	Set up development environment	Functional development environment	2 hours	12/26/22	C
15	Start writing code	Codebase with basic functionality: Master password required to access main menu	1 day	12/27/22	C
16	Find out about AES-256	Create encryption and decryption methods with a password-based key	1 day	12/28/22	C
17	Code review (fix score bar)	No more bugs	3 hours	12/29/22	C
18	Continue programming	Subpages have been added with basic functionality	1 day	12/30/22	C
19	Transform the program into a working product with no	Runnable .jar file for beta testing- includes data validation	3 days	01/03/23	C

	significant issues				
20	Observe client using the program	List of things to improve	1 hour	01/04/23	C,E
21	Minor changes to code based on observations	A slightly more polished product	1 day	01/05/23	C
22	Give program to client for testing	Client feedback	1 week	01/12/23	C,E
23	Comment, organize, and optimize code	Clean code that is easy to understand and follow	3 days	01/15/23	C
24	Polish Criterion B	Updated diagrams	1 day	01/16/23	B
25	Second code review (fix editing notes)	Bug-free code that can be understood easily	1 day	01/18/23	C
26	Implement changes to code based on client feedback, as time permits	Features better meet client's needs	3 days	01/23/23	C
27	Finalize code	Code that I am proud of - meets success criteria	1 day	01/26/23	C
28	Go through techniques used in code	Criterion C is complete	1 week	02/07/23	C
29	Hand over final product to client and ask for continued feedback	Client has USB device with all the needed files and a notebook to write down feedback - they approve	2 weeks	02/27/23	E
30	Meet with advisor	Recommendations for write-up and code	1 day	03/04/23	E
31	Finish Criterion	A write-up I am	One week	03/14/23	A,B,C,E

	E based on new client feedback and polish write-up	proud of			
32	Record and edit video demonstration	A clear video about my product that outlines my success criteria	1 day	03/22/23	D
33	Submit IA based on template	I am proud of what I have accomplished	One week	03/26/23	A,B,C,D,E