

Criterion B - Record of Tasks

| Task Number | Planned Action | Planned Outcome | Time estimated | Target completion date | Criterion |
|-------------|--|--|----------------|------------------------|-----------|
| 1 | Initial Brainstorming of possible project ideas | Deep Research and a discussion with the computer science advisor for possible topics | 1 week | October 30th | A |
| 2 | Set up first interview | Have specific time and date to meet with the client | 10 minutes | November 1st | A |
| 3 | Conduct first interview | Have an idea of the kind of program the client wants. Brainstorm different ways to create a digital solution to a problem. | 10 minutes | November 4th | A |
| 4 | Discussion of the details of the projects with the client | Informal Email Interaction about the expectations of the program. List of the features that needed to be investigated. | 1 week | November 11th | A |
| 5 | Draft Problem statement and description of scenario | Narratives of these parts of the planning process done | 1 hour | November 16th | A |
| 6 | Finalize Criteria for Success and verify it with the client last time. | Bulleted list of success criteria | 1 hour | November 22nd | A |
| 7 | Create a preliminary prototype | Have a GUI prototype for user interface | 1 day | November 25th | A |
| 8 | Conduct second interview | Have suggestions for change in the design, structure, interface of the program. Print-outs of the screenshots of the prototype used for direct note taking | 10 minutes | December 3rd | A |
| 9 | Finalizing the prototype | Edit and make changes based on the interview and feedback from the client, also referring back to success criteria | 1 week | December 19th | A, B |
| 11 | Create Chronological Development Plan | Organize the completed work. Clarify the plan and time allocation for left-over work. | 1 week | January 10th | B |

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| 12 | Begin working on Input / Output | Based on the finalized prototype, identify possible inputs and output | 1 day | January 10th | B |
| 13 | Begin working on UML Diagram | Clarify the role of each class in the project | 3 days | January 12th | B |
| 14 | Create a Testing Plan | Address all criteria for success | 1 days | January 21st | B |
| 15 | Begin programming / working on the Internal mechanisms of the project | All methods are commented in the process of programing | 5 weeks | March 3rd | C, D |
| 16 | Contact client | Get some tiny modifications and general feedback on the functionality of the product. | 1 day | March 6h | C |
| 17 | Work to handle slight errors and glitch | Consistency in functionalities | 3 days | March 9th | C |
| 18 | Documentation of Criterion C | Detailed Algorithm Explained and the structure of the program is evident | 1 week | March 16th | C |
| 19 | Finalizing the Comments | Finish up the commenting of classes and methods | 1 day | March 18th | C, D |
| 20 | Create a short video, only for the client | Brief overview of how the database functions | 1 day | March 23rd | C |
| 21 | Project converted into jar and software handed to the client for testing | The client runs the database himself to check if it meets his expectations. | 5 days | March 23rd | C |
| 22 | Conduct Final Interview of the Product | Discuss realistic recommendations and receive detailed feedbacks about the product when used | 15 minutes | March 24th | E |
| 23 | Hand over final product | Install the program in client's computer for use | 2 days | March 26th | E |
| 24 | Documentation of Criterion E | Discuss based on the feedback from the client | 2 days | March 28th | E |
| 25 | Product demonstration video filmed | Reflect on the Criteria for Success and demonstrate what the program can do | 1 day | March 30th | E |