**Criterion B: Record of Tasks**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Task Number** | **Planned Action** | **Planned Outcome** | **Time Estimated** | **Target Completion Date (DD/MM/YYYY)** | **Criterion** |
| 1 | Identify Client and choosing a time to meet. | Understand the problem and decide the best approach for the solution | 2 hours | 29/05/2023 | A |
| 2 | Discussing the idea with the computer science teacher | Approval of the solution by the teacher. | 30 minutes | 06/06/2023 | A |
| 3 | Exploring and selecting an IDE and programming languages. | Understanding the differentiating between suitable and unsuitable software and technology. | 2 weeks | 28/06/2023 | A |
| 4 | Begin working on criterion A | Complete first draft and understand limitations and possibilities of improvements. | 4 days | 03/07/2023 | A |
| 5 | Identify and learn concepts required for development of the application. | Understand the use of MySQL, Javascript and Python concepts. | 1.5 months | 20/08/2023 | C |
| 6 | Second meeting with the Client. | Further understanding of the Client’s problem. | 1 hour | 27/08/2023 | A |
| 7 | Discuss success criteria with the computer science teacher. | Determine valid success criteria and creation of more based on the problem, and receive feedback on criteria A. | 1 hour | 30/08/2023 | A |
| 8 | Database structure and planning | Decide on where tables will be used, primary keys, and other elements. | 3 days | 10/09/2023 | B |
| 9 | Plan GUI Designs | Design all screen designs for the application | 5 days | 18/09/2023 | B |
| 10 | Complete criteria A | Submit the document of criteria A after implementing all feedback. | 1 week | 29/09/2023 | A |
| 11 | Identify functionalities | Create flowcharts and illustrate all the processes. | 3 days | 04/10/2023 | B |
| 12 | Begin working on criterion B | Gain initial progress | 3 weeks | 31/10/2023 | B |
| 13 | Begin working on the application | Complete few functionalities – signup and sign-in. | 2 weeks | 24/11/2023 | C |
| 14 | Third meeting with the computer science teacher. | Address requirements for database and coding, and receive feedback on criterion B. | 2 hours | 25/11/2023 | C |
| 15 | Begin working on database | Finalise table designs and update criterion B | 2 days | 29/11/2023 | B |
| 16 | Continue working on the application | Complete front-end for all functionalities and back-end for most major functionalities. | 3.5 weeks | 27/12/2023 | C |
| 17 | Complete criterion B | Submit the document of criteria B after implementing all feedback. | 1 week | 05/01/2024 | B |
| 18 | Complete coding the application | Finish programming all remaining functionalities. | 1 month | 07/02/2024 | C |
| 19 | Begin working on criterion C | Gain progress in criterion C | 3 weeks | 26/02/2024 | C |
| 20 | Fourth meeting with the computer science teacher | Show a demonstration of the application and receive feedback in changes in programming and database structure. | 30 minutes | 29/02/2024 | C |
| 21 | Testing of program by client | Allow client to use the application and identify possible changes to me made | 1 day | 01/02/2024 | C, E |
| 22 | Start working on criterion E | Gain progress in criterion E | 2 weeks | 18/02/2024 | E |
| 23 | Make final changes to the program. | Finalize the application. | 2 days | 21/02/2024 | C |
| 24 | Complete criterion C and E | Submit the documents after implementing feedback | 1 week | 29/02/2024 | C, E |
| 25 | Run checks | Run final checks on all documents to identify any errors. | 5 days | 05/03/2024 | A, B, C, D, E |
| 26 | Create video of product of demonstration | Complete criterion D | 1 day | 12/03/2024 | D |
| 27 | Complete cover page | Submit the cover page of the IA | 1 day | 15/03/2024 | D |
| 28 | Submit IA | Submit the IA | 1 day | 20/03/2024 | A, B, C, D, E |