**Criterion C: Project Schedule**

| **Date** | **Action** | **Details** | **Comments and follow-up** | **Date Completed** | **Criterion** |
| --- | --- | --- | --- | --- | --- |
| 16 October ‘2020 | Introduction of IA and In-depth discussion of requirements of Criterion A of the IA with ITGS teachers | These are the sessions where ITGS IA has been explained in-depth with respect to the IB guide and the IA sampler. The teachers explained to us how we are going to complete the criteria in the semester. The teacher has done a breakdown of Criterion A and guided us on how we will find the client and proceed with our IA and the Criterion A |  | 22 October  ‘2020 | A |
| 25 October ‘2020 | Searching for client and finalizing the date for the meeting | On this day, I have talked to 4 business people, and I have found my client. The client is the owner of the gym, and we have finalized the date for interviewing him on 29th October 2020 |  | 25 October ‘2020 | A |
| 27 October ’2020 | Preparing some questionnaires for the initial meeting with the client | For Interviewing my client, I have to prepare some questions for him to understand how the business works, and I have researched how the gym management has done. |  | 28 October ’2020 | A |
| 29 October ‘2020 | Initial consultation with the client | On this day, I interviewed my client and tried to understand the problem he was facing in his business. |  | 29 October ‘2020 | A |
| 30 October’  2020 | Writing of Initial consultation document | On these days, I have written the initial consultation document of Criterion A, where I have written the question I asked the client and his response to me. |  | 31 October ‘2020 | A |
| 2 November ‘2020 | Writing of Criterion A: Initial Investigation | After understanding the problems faced by my client in his business, I have written my criterion A initial investigation document. |  | 7 November ‘2020 | A |
| 11 January ‘2021 | Introduction of Criterion B by ITGS teachers | The breakdown of Criterion B by our teachers guided us on how to complete this criterion. |  | 19 January ‘2021 | B |
| 1 February ‘2021 | Introduction Criterion C by ITGS teachers | On this day, a short session on criterion C by our teachers showed the samples and guided us on how are we supposed to make the timeline of the whole IA, and we have to work simultaneously with this criterion. |  | 1 February ‘2021 | C |
| 19 February ‘2021 | Starting Criterion C and making the timeline | After understanding the timeline creation, I have started working on the document and created a Timeline for my IA. this document will be updated through out the IA |  | 21 February 2021 | C |
| 27 march’ 2021 | Researching and completing Criterion B | These days I have completed criterion B, where I have researched a possible solution for my client, and I have chosen a desktop-based application as it is more feasible for solving the problem. |  | 2 April 2021 | B |
| 16 April  2021 | Introduction and guidance of Criterion D by ITGS teachers | In this section, teachers explained Criterion D, where we have to design wireframes and list the resources & techniques. The design of the test plan is also included. |  | 19 April 2021 | D |
|  |  |  |  |  |  |
| 17 July 2021 | Researching and understanding fundamentals of the Database application | I learned about database applications how they work and how great it can be to manage repeated data. In the application, the data is fed through the forms. For calculations Query is used, I learned about various techniques used to develop a database application. |  | 20 July 2021 | D |
| 21 July 2021 | Start Designing the Entity-Relationship Diagram for my database application | For any database application, it’s important to have relationship diagrams with their tables. It helps developers to understand where the data will travel. | For Understanding the ER diagrams I referred to videos from the lucid chart. It made the concept so clear. | 21 July 2021 | D |
| 22 July 2021 | Designing the wireframes | Wireframes are the sample designs of the product, how it will look after its development. I designed it using the tool diagram.net. It is a tool that provides lots of pre-images to help build the wireframes. | It was fun to build the wireframes. I think I took more time in creating these wireframes. In addition, I created one diagram which represents my navigation in my product. | 23 July 2021 | D |
| 24 July 2021 | Designing the Test Plan | I designed the test plan in reference to specific performance criteria. | In this area I have to work a lot, at first I was very confused but I understood at last and completed it. | 26 July 2021 | D |
| 28 July 2021 | Showing the Designs to the client and taking signature | I meet my client RAM and showed him the designs, he likes the designs and I took his signature |  | 28 July 2021 | D |
| 29 July 2021 | Completing the Criterion D | These days I have designed my product wireframes where I have designed the forms and user interface. I created a diagram that shows how the application will work. I created an entity-relationship diagram for my database, so I have a clear idea of how the product will be developed. I completed the document of Criteria D |  | 29 July 2021 | D |
| 30 July 2021 | Showing Designs to Client and taking the signature | I have shown the document to my client and then I have taken a signature on the paper. |  | 30 July 2021 | D |
| 1 August 2021 | Taking guidance for product development and criterion E | I have consulted with my ITGS teacher. I understand the process of making the Criteria E document but to complete it I have to complete my product. | I was so excited to finally start developing the product. I have made lots of preparations for this day and now the day has come. | 2 August 2021 | E |
| 3 August 2021 | Learning the Basics Microsoft Access | I have used mainly youtube to learn the basics of the Ms office. I watched the videos of Kevin Startvert. The video was very informative and explainable. He covered all basic topics of databases like fields, queries, tables, reports, and relationships. | It is hard to understand the concepts until I practically do it, if Kevin taught some topic, I perform it on my computer, to have the assurance that I learned it. | 4 August 2021 | E |
| 5 August 2021 | Start Developing the application. Making basic tables, forms and relationships | I started with designing the table and relationship. Then I designed the forms for entering the data. |  | 7 August 2021 | E |
| 10 August | Creating Navigation form and adding buttons to performs action in the form | These days I created the navigation form by which end users can navigate between the forms. In forms I added buttons so the end user can control the record in the database, actions such as deleting, searching, adding. |  | 12 August | E |
| 14 August 2021 | Creating reports for functions such as view all and adding sample data to it, so I can debug the application side by side and make sure it's working properly. | I Entered the sample data and created reports by which the end user can view all the data in the database. |  | 15 August 2021 | E |
| 22 August 2021 | Styling the application, making proper form layouts, appropriate fonts , adding colors and adding logo to it | On these days I made my application more attractive and pleasing resulting in user friendly. |  | 24 august 2021 | E |
| 29 August 2021 | Learning Advanced Microsoft access | To perform the main functionality of the application I have to learn advanced ms access. On this day I learned to create complex queries in the ms access. I have to calculate the expiration date and pending maintenance date. I learned how I can perform calculations |  | 3 September2021 | E |
| 5 September 2021 | Developing query to calculate the expiration date for expiration subscription | I created a query that can calculate the expiration date. I have taken the plan months in the plan table, according to plan I multiply the months by 30 to get the available days in the plan and then sum it from the activation date |  | 6 September 2021 | E |
| 10 September 2021 | Learning Visual Basic for Application (VBA) | I learn the basics of VBA, specifically making functions and using basic if-else | I was able to calculate the expiration date but it's only the first stem. I still don’t know whether the subscription is active or expired. | 14 September2021 | E |
| 15 September 2021 | Creating VBA function for returning values ‘Expired ’or ’Active’ | I created a function which checks whether the date has passed from today or not. If it passed then it will return Expired Or else Active |  | 19 September 2021 | E |
| 20 September 2021 | Appling the functions in queries and completing the query so it can show all the expired subscription | After creating the function it has been applied to the query and to show only expired subscription the query has been made of this quarry and the criteria of the status has been set to Expired | Completing this query is really hard to develop at first but now I can create this type of complex query at speed | 22 September | E |
| 23 September 2021 | Developing the query for showing the pending maintenance | I have used the same logic and function used in the expiration date to show the pending maintenance |  | 28 September 2021 | E |
| 2 October 2021 | Creating the reports of Pending maintenance and Expired subscription to display on the main menu of the application | I designed the reports and displayed them in the main menu of the application | I was finally able to complete one of the functionalities of my application | 4 October 2021 | E |
| 14 October 2021 | Developing query for calculating real-time BMI and Ideal weight | I created a query with parameter input so it can take values in real-time |  | 17 October 2021 | E |
| 22 October 2021 | Creating VBA function to return values for male and female | For the formula used in the query, there are two different values for calculating the ideal weight. In this function i used if else function to return those values in the formula |  | 25 October | E |
| 27 October 2021 | Completing query and creating another query for existing customer | Adding some more fields in it so it can take the data from the tables and calculate the BMI and Ideal weight of existing customer |  | 2 November 2021 | E |
| 3 November 2021 | Developing query to show the progress report of consumer | For this I have to create input forms in respect to customer name then I created quey and added parameter input. The parameter input is set as a criterion so the report is generated. |  | 4 November 2021 | E |
| 7 November 2021 | Completing the application by adding all the navigation and denying access to end-user of the technical application so end-user will not able to edit the source application. This will prevent the application from malfunctioning | I deny all the access to source data so that the end-user can’t harm the source data by any chance. |  | 12 November 2021 | E |
| 13 November 2021 | Completing Criteria E document | I have taken screenshots of the product and added them to the document and I have written the details of how I developed the application. |  | 17 November 2021 | E |
| 2 December 2021 | Preparing questions to ask the client for the feedback | The product has been developed, to ask for feedback on my work I prepared some questions to ask my client. |  | 3 December 2021 | F |
| 4 December 2021 | Taking feedback from the client and delivering the product | This day I delivered the product and took the feedback |  | 4 December 2021 | F |
| 7 December 2021 | Completing the Criterion F document | I completed the document |  | 13 December 2021 | F |
| 4 January 2022 | Shotting and creating the screencast | I recorded the screencast using a prism. |  | 4 January 2022 | G |
| 6 January 2022 | Editing the screencast and writing the transcript | There are lots of mistakes that I made in recording, so I edited it to run smoothly. I wrote the transcript document for the screencast |  | 9 January 2022 | G |
| 12 January ’2022 | Completing the IA by completing all the documents | Looking at all the documents and confirming that everything is completed. Doing minor improvements in the document. |  | 15 January 2022 | A,B,C,D,E,F,G |