**Criterion B: Record of Tasks**

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| **Task Number** | **Planned action** | **Planned outcome** | **Time estimated** | **Target completion date** | **Criterion** |
| 1 | Ask friends/teachers/relatives and ask about possible wants or needs | Find a client | 1 week | 11th September 2018 | A |
| 2 | Discuss with my Computer Science teacher | Find an adviser | 1 hour | 12th September 2018 | A |
| 3 | Discuss with the client about general functionalities | Get an idea of what the application will need to do | 2 hours | 13th September 2018 | A |
| 4 | Ask the client to send me the student names, year, school system and course level (where applicable) | Know what the database will have to hold | 1 day | 19th September 2018 | A |
| 5 | Discuss with the client about the application’s colors and themes | Create a consistent and appealing theme | 1 hour | 25th September 2018 | A |
| 6 | Make notes of everything I know so far that I will need to do | Create SC | 5 days | 8th October 2018 | A |
| 7 | Check with the client that everything they want is in the SC | Double check before beginning | 1 hour | 11th October 2018 | A |
| 8 | Decide what I will use to develop the application | Decide on how to write the code | 3 days | 15th October 2018 | A |
| 9 | Do the extended writing for Criterion A | Complete Criterion A | 5 days | 20th October 2018 | A |
| 10 | Write the “Record of Tasks” | Help complete Criterion B | 3-4 months | February 2019 | B |
| 11 | Start writing the code | Start the development of the application | 3 months | January 2019 | C |
| 12 | Start writing the “Design overview” | Outline the program's main functionalities | 1 month | November 2018 | B |
| 13 | Create the theme and colors of the application | Complete SC3 | 1 day | 4th November 2018 | C |
| 14 | Decide on combinations to search for students | Complete SC5 | 5 days | 10th November 2018 | C |
| 15 | Create a MySQL database | Have a place to store the records | 2 days | 12th November 2018 | C |
| 16 | Connect the application to the MySQL database | Give the application the functionality of searching and editing the database records | 2 days | 18th November 2018 | C |
| 17 | Create the main functionality for searching | Be able to show results based on given input | 3 days | 25th November 2018 | C |
| 18 | Make the application responsive using Bootstrap | Complete SC1 | 2 days | 27th November 2018 | C |
| 19 | Add the ability to edit the database records | Complete SC9 | 1 week | 4th December 2018 | C |
| 20 | Add hints | Complete SC8 | 2 days | 6th December 2018 | C |
| 21 | Add the ability to sort the table alphabetically | Make it easier to find a student in a long list of names | 1 day | 6th December 2018 | C |
| 22 | Make the application a Single Page Application | Update content dynamically and prevent page-reload upon form submission | 2 days | 8th December 2018 | C |
| 23 | Implement error messages for when something goes wrong | Complete SC7, 8 | 3 days | 11th December 2018 | C |
| 24 | Decide how to implement a menu | Complete SC4 | 1 day | 11th December 2018 | C |
| 25 | Show the client the main functionality of the application (searching students) | Receive feedback on the application’s main section | 1-2 hours | 13th December 2018 | C |
| 26 | Add a login screen | Complete SC2 | 2 days | 16th December 2018 | C |
| 27 | Add a home screen | Have a place to write any general text/hints | 1 day | 18th December 2018 | C |
| 28 | Include instructions in the home screen | Help complete SC8 | 1 day | 18th December 2018 | C |
| 29 | Add an add/remove student screen | Complete SC10, 11 | 1 day | 20th December 2018 | C |
| 30 | Decide how to implement the “add student” functionality | Find an easy to understand way to add students | 1 week | 27th December 2018 | C |
| 31 | Decide how to implement the “remove student” functionality | Find an easy to understand way to remove students | 1 week | 27th December 2018 | C |
| 32 | Implement the “add student” functionality | Give the user the ability to add new student  Help complete SC10 | 1 week | 3rd January 2019 | C |
| 33 | Implement the “remove student” functionality | Give the user the ability to remove existing students  Help complete SC11 | 1 week | 3rd January 2019 | C |
| 34 | Implement functionalities that indicate when something has changed/updated | Complete SC6 | 3 days | 6th January 2019 | C |
| 35 | Show the client a beta version of the application | Receive feedback and be aware of any additional requirements | 2 hours | 10th January 2019 | C |
| 36 | Add pictures in home screen *(see appendix 2)* | Meet client requirements and make the application more vivid | 1 day | 11th January 2019 | C |
| 37 | Prevent “Course Level” from being sent when the school system is “Hungarian” (*see appendix 2)* | Fix a major bug | 3 days | 14th January 2019 | C |
| 38 | Draw flowchart that explains “login” section | Help complete Criterion B | 1 day | 16th January 2019 | B |
| 39 | Draw flowchart that explains “search” section | Help complete Criterion B | 1 day | 17th January 2019 | B |
| 40 | Draw flowchart that explains “add” section | Help complete Criterion B | 1 day | 18th January 2019 | B |
| 41 | Draw flowchart that explains “remove” section | Help complete Criterion B | 1 day | 19th January 2019 | B |
| 42 | Draw UML event diagram that explains the interactions between the user the server and the database | Help complete Criterion B | 1 day | 20th January 2019 | B |
| 43 | Complete the “Design Overview” | Complete Criterion B | 2 days | 22nd January 2019 | B |
| 44 | Do the extended writing for Criterion C | Complete Criterion C | 4 days | 27th January 2019 | C |
| 45 | Upload the product in an online space | Make the product accessible to the client | 1 day | 1st February 2019 | B |
| 46 | Give the final product to the client for evaluation and recommendations | Help complete Criterion E | 2 hours | 5th February 2019 | E |
| 47 | Think of possible improvements and extensions for the product | Complete Criterion E | 1 day | 6th February 2019 | E |
| 48 | Make the video for Criterion D | Complete Criterion D | 1 day | 7th February 2019 | D |
| 49 | Complete the “Record of Tasks” | Complete Criterion B |  | 8th February 2019 | B |

The tasks were not all done consecutively. Often, there were days in between when no progress was made.