Criterion E

On completion of my product, the website was deployed online. Written below is the

feedback received from the client.

# Success Criteria

1. *There should be a well thought out and working login system with email verification. And in case of the user forgetting the password, an easy method for the user to reset the password.*

Met: The website used a well defined and adequate login system which is easy to use and navigate around.[[1]](#footnote-1)

1. *Creation of a database with relation to the school’s database to store performance test records, names, contact details of students.*

Met: All databases were created in detail containing student details from their names’ and IDs’ to their medical conditions*[[2]](#footnote-2)*

1. *All lists of students to be sorted in order.*

Met: All lists and tables were sorted.[[3]](#footnote-3)

1. *The user should be able to view individual performance reports.*

Partially Met: Due to the constraint of time I was unable to setup dynamic student reports which would be retrieved from tables from database that would be created dynamically.[[4]](#footnote-4)

* 1. *Student reports should have a working graph which depicts student’s progress.*

Met: Student report was generated along with a graph depicting student’s progress.[[5]](#footnote-5)

* 1. *The student report should also mention student grades over the year.*

Met: The student report mentioned student’s grades over the year along with name and ID.[[6]](#footnote-6)

* 1. *The user should be able to hover over each data point and to aid the user the system should display X and Y values for that data point.*

Met: The user is able to hover over specific data points and the system displays X and Y values for that particular data point. *[[7]](#footnote-7)*

1. *The user should be able to view all student’s performance grades over a year on one page.*

Met: The user is able to view all students’ details like performance grades (for an entire year), basic details, and medical conditions.[[8]](#footnote-8)

1. *The user should be able to view all relevant medical details for the students.*

Met: The user is able to view all relevant medical details for the students.[[9]](#footnote-9)

1. *The user should be able to add new students to the system.*

Partially Met: The user is able to add new students to the system; however, in the database table “perfedetails” the user will have to contact a system administrator to access phpMyAdmin and manually add new students from the “basicdetails” ‘ table into the “perfedetails” table. It is also worth mentioning that since “perfedetails” uses “basicdetails”’ ”std\_id” as foreign key students can be added via a dropdown.[[10]](#footnote-10)

1. *The user should be able to view his/ her profile.*

Partially met: As for now, since the only user using this system would be the instructor and also due to the time constraint this feature was implemented but as a static page. A dynamic page where current active users can be declared by session variables which can be retrieved from the “users” table from the “Accounts” database. This active variable could be displayed in the following manner “<?php echo $user[‘first\_name’] ?>”. [[11]](#footnote-11)

1. *Help and instructions and about and contact admin page to be included.*

Partially Met: Both of these pages are added, but to maintain anonymity certain information left out.

1. *The user interface should be simplified and allow the user to quickly navigate around the system.*

Met: The user was able to navigate around the interface fairly quickly and the interface was simplified.[[12]](#footnote-12)

* 1. *The system’s interface should be designed in accordance to the conditions this system will be used under.*

Met: Colour schemes, CSS styling, font styles and etc. were all chosen and based upon the conditions the client would be using the system under.[[13]](#footnote-13)

* 1. *Font styles/ families, colour scheme, and a well-organized, aligned, and responsive system should be designed.*

Met: Entire system’s design is well organized, aligned aptly, oriented, and responsive which scales appropriately as per different screen sizes.[[14]](#footnote-14)

* 1. *Custom theme modifications should be implemented. For example: custom scrollbars, table design, and etc.*

Met: Custom theme modifications: custom scrollbars, table design, and etc. were implemented and work aptly.[[15]](#footnote-15)

# Further improvements/ Extensibility

These recommendations and extensibilities that are defined below as they could have not been implemented due to the time constraints. Also, taking improvements suggested by the user into account, these recommendations would improve the performance and feasibility of the product further. And with little modifications and development this product could be used all over the world by individuals, managers, team leaders, coaches and etc. to monitor their students, teams, and etc. and manage them and their performance, also this product with a bit more tweaking can be used under different subject areas in school that would track students’ performance in subjects like math, physics, computer science.

Dynamic table creation and syncing the database with school’s database: Syncing the school’s database with that of the product would allow the tables to stay updated dynamically and new students who opt for the relevant sport can be automatically assigned to a teacher.[[16]](#footnote-16)

Individual user-based databases, profiles and systems: This product could be further developed to aid different sports teachers and instructors present by allotting each a database and sub tables and etc. which will allow all the teachers to stay on one platform and ease individual sport assessment profile for each student every year for the school.[[17]](#footnote-17)

Further simplify the system’s interface: As shown in the mock designs created make the interface for each student in a similar manner, simplifying navigation and increasing efficiency.[[18]](#footnote-18)

1. Refer to appendix 3: Login System [↑](#footnote-ref-1)
2. Refer to appendix 3: Database Screenshots [↑](#footnote-ref-2)
3. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-3)
4. Refer to Criteria C: Figure 29 and it’s supporting information. Refer to Appendix 3: After login product screenshots [↑](#footnote-ref-4)
5. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-5)
6. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-6)
7. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-7)
8. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-8)
9. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-9)
10. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-10)
11. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-11)
12. Refer to appendix 3: After login product screenshots. Refer to appendix 1: Interview #3 [↑](#footnote-ref-12)
13. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-13)
14. Refer to appendix 3: After login product screenshots [↑](#footnote-ref-14)
15. Refer to appendix 3: After login product screenshots. Refer to criteria D [↑](#footnote-ref-15)
16. Refer to appendix 1: Interview #4 [↑](#footnote-ref-16)
17. Refer to appendix 1: Interview #4 [↑](#footnote-ref-17)
18. Refer to Appendix 2 [↑](#footnote-ref-18)