

Problem Statement

Wilson Ahn is very interested in playing the Rugby fantasy game. He takes the game very seriously but sometimes he struggles to create his team formations and keep track of his team formation.

Word Count: 33

Description of Scenario

My client, Wilson Ahn, is a 12th grader at the International School Bangkok who is very interested in playing the Rugby fantasy game. He would like a database that he could keep track of the success rate with the team formations he had. His current way of keeping track of the information about his fantasy team is through his phone via the note app which, he said, is very ineffective and time-consuming.¹ He would like to have a better database where additional and helpful functionalities can be offered.

Word Count: 89

Rationale

A computer program would create a less complex working environment for both the client and I. Netbeans was used to create the database. Netbeans is an integrated development environment which helps and makes debugging, editing and compiling more effective and easier; debugging allows programmers to find the errors more efficiently. Netbeans has a lot of free GUI add ons libraries which allow different design and functionality to be created to satisfy the client's needs. Java is used as the programming language for this task. Java was chosen because it's the language we learn in class and I am very familiar with Java. In class, we spent a lot of time learning about object-oriented programming

¹ Wilson Ahn, interview by author, Bangkok, Nov 14, 2020, transcript 1, question --

(OOP), which is learned with Java. Java and OOP represent real life “objects” which allow the programming to be easier. One important benefit from Java is that Java is compatible with any operating system, so my client can use the program on any devices with any OS. Lastly, GUI, OOP, and Java has a large community of developers; there are a lot of tutorials on it which is beneficial when I run into problems. The large community of developers also means that there are a lot of free libraries available which help improve experience when making the program and also the program itself.

Word count: 217

Success criteria

After discussing the prototype with my client, I’ve managed to create a solution that will help with the success of the system:

- The reorganization of the functions location. During the prototype meeting, the client suggested a relocation of different functions.² - This will be up to the client’s preference on where it should be
- More color appearance on the main functions. Colors will be added to the main functions to help clients identify and find the functions.³ - This was requested by the client because he wanted to use colors to help him identify each function.
- Add/Change the functionality. The client would like to use a specific function, which was not in the first prototype, because the client would highly benefit from it. The client stated that it would be beneficial if one of the functions offers him more than one type of rugby line up.⁴ He would like to line up for rugby tens and fifteens too.⁵

² Wilson Ahn, interview by author, Bangkok, Nov Dec 1, 2020, transcript 2

³ Wilson Ahn, interview by author, Bangkok, Nov Dec 1, 2020, transcript 2

⁴ Wilson Ahn, interview by author, Bangkok, Nov Dec 1, 2020, transcript 2

⁵ Wilson Ahn, interview by author, Bangkok, Nov Dec 1, 2020, transcript 2