

Criterion E: Evaluation

Test table

Test no.	Success criteria	Result
1	1: The user can filter the list of players based on position.	Successful
2	1: The user can filter the list of players based on club.	Successful
3	2: The user can directly compare the statistics of two chosen players playing in the same position, for example, goals, assists, xG (expected goals), etc.	Successful
4	3: The program gives a list of most in-form players, in different playing positions, in the recent weeks based on a pre-defined scoring index	Successful
5	4: The program suggests the most optimum team for the upcoming game week within positional, financial, and club constraints. 5: The user can visualize the starting 11 for the team with different possible playing formations through a GUI interface.	5a. Successful
		5b. Successful
		5c. Successful
6	6: The user is provided with several tips to create their FPL team.	Successful

Evaluation of the product

Success criteria	Method of achievement	Client feedback
1	Implement a sorting algorithm that filters the list of all players based on playing position and club	" ... this was an amazing feature. Now, I am able to quickly see players according to their clubs and positions which helps me a lot when trying to meet FPL constraints. As a result, I am able to build my team pretty quickly."
2	Create a comparison table that allows for head-to-head comparison of any two players based on data extracted from official FPL database	"I would argue that after the best team suggestion feature, this has been the most helpful for me. Now, instead of going online and trying to find player statistics and switching between tabs to compare them, I can just select any two players and then just click the compare button. It is amazing since it also doesn't waste my time by showing unnecessary stats like "penalties saved" by a forward."
3	Define a form rating index, calculate a relative form rating by comparing players and then output a ranked table of players based on playing position	"Just like the other features, this has worked great for me. This indexing method is actually pretty consistent with my perception of who the most in-form player is. However, it could be made better if by clicking on the player's name in the table, a pop-up appears that would show his stats and player profile."
4, 5	Implement a convex linear optimization algorithm that selects	"Simply put, since I have started using this feature, I have moved from 8 th to 2 nd in my local FPL league. I am in awe of this feature. Not only can I see the optimum

	<p>the best team based on pre-defined constraints and user-inputted positional weights. Place the team on the canvas (background image) through grid placing based on chosen formation.</p>	<p>team, but the visuals are also very pleasing. It is just like the FPL interface which makes it feel very real. All the constraints are satisfied by the team, and I also get to experiment with different playing formations and positional weights. I like that it is not very rigid, and I still have a lot of freedom over the choice of my team.”</p>
6	<p>Create a text file containing a list of tips. Implement a random selection algorithm which chooses and displays a tip from the file to the user.</p>	<p>“It works just fine. At one click, I get new tips which are all very helpful. Although I usually just go with my intuition while building my team, the tips prove to be quite supportive every now and then.”</p>

(Appendix 4)

Recommendations for further extension of the product

Client recommendation:

- ➔ The product could have some kind of authentication or login page in the software, since sometimes the user's friends open it and have a look at his team when he is away from his laptop. With a login-in page, the user's team and building strategies would remain safe, away from his competitors. (Appendix 4)

Developer recommendation:

- ➔ The software could provide the user with the possibility of inputting their own FPL team into the menu and compare it against the best team which would allow for direct comparison between the potential of the two teams.
- ➔ Moreover, the product could have some sort of universal rating index that would allow for comparison between players playing in different positions and thus form a ranking table which would include all FPL players.

Word count: 123