CHAPTER V

CONCLUSION

5.1 Conclusion

A web-based decision support system to rank characters based on their combat role and a platform that provides a more straightforward view of the information of Genshin Impact Weapons, Artifacts, and Material Ascensions has been successfully created. Thus through this platform, the free-to-play user can view the Genshin Impact character's trial version that has been ranked according to the set criteria, weight, and character's attributes. This recommendation was made by looking into five different combat roles that are DPS, Heal, Shield, Buff, and Elemental. Each character has its unique skills, and the user tends to see "what use" a character has. From five different combat roles each of them have their own ranking, and five calculations using one method, Simple Additive Weighting.

These recommendations (ranking) along with information regarding Weapons, Artifacts, and Material Ascensions are decorated with features such as filters, search, and compare functions. Using these features and functions, the users will have an easier time viewing information on characters' trial attributes and the rest of the pieces of information. For example, the user now can use the compare function to select at least two characters and only view the selected characters. This way, hopefully besides ranking the characters, it will make it easier for the user to determine what characters they should or shouldn't pull. This website also has completed the User Acceptance Test (UAT) with the help of three Genshin Impact players and is granted with a score of 100%.

5.2 Advice for Future Research

This research has been one great experience journey, and although it is successful, it still has a lot of things to improve. Based from everything that happen during the development of this research project, from planning until doing UAT, the improvement advice, such are:

1. This project was made using the character's trial attributes as a limit because of the wide range of possibilities for character building. But this project will receive a much better accuracy for ranking if it can incorporate a more personalized user approach that can include a character's skills for ranking the characters.

2. The Discussion Section can be more developed and further improve like allowing admin to managed the published post of users, or allowing users to monitor all of their published post.

3. To add new features or functions such as functions to import data from in-game Genshin Impact into the website.