

## ABSTRAK

Harditya, Albian. 2025. Sistem Pendukung Keputusan Pemilihan Hero Support Terbaik Pada Game RPG *Wuthering Waves* Dengan Menggunakan Metode Analytical Hierarchy Process (AHP). Skripsi Program Studi Teknik Informatika, FT, Universitas PGRI Madiun. Pembimbing (I) Saifulloh, S.Kom., M.Kom. (II) Pratiwi Susanti, S.Kom., M.MT.

Penelitian ini bertujuan untuk merancang dan membangun Sistem Pendukung Keputusan berbasis website guna membantu pemain dalam memilih hero *support* terbaik pada game *RPG Wuthering Waves* dengan menggunakan metode *Analytical Hierarchy Process (AHP)*. Metode *AHP* dipilih karena mampu memberikan penilaian yang terstruktur dan objektif berdasarkan bobot dari masing masing kriteria yang telah ditentukan, seperti *crowd control*, popularitas, efektivitas dalam tim, kemudahan penggunaan, dan kemampuan *heal*. Sistem dikembangkan melalui tahapan perancangan sistem, implementasi berbasis *framework Codeigniter*, serta pengujian untuk memastikan fungsionalitas dan efektivitas sistem. Hasil pengujian menggunakan metode *Blacbox Testing* menunjukkan bahwa seluruh fitur berjalan sesuai fungsi (100% berhasil). Sistem ini diharapkan dapat membantu pengguna, khususnya pemain pemula, dalam mengambil keputusan pemilihan hero *support* secara lebih efisien, objektif, dan berdasarkan data yang terstruktur.

**Kata Kunci:** *Sistem Pendukung Keputusan, Hero Support, Game RPG, Wuthering Waves, AHP, Black Box, Website.*

## ABSTRACT

Harditya, Albian. 2025. *Decision Support System for Choosing the Best Support Hero in the RPG Game Wuthering Waves Using the Analytical Hierarchy Process (AHP) Method*. Informatics Engineering Study Program, Faculty of Engineering, Universitas PGRI Madiun. Advisor (I) Saifulloh, S.Kom., M.Kom. (II) Pratiwi Susanti, S.Kom., M.Kom.

*This research aims to design and build a web-based Decision Support System to assist players in selecting the best support hero in the RPG game Wuthering Waves using the Analytical Hierarchy Process (AHP) method. The AHP method was chosen because it provides structured and objective assessments based on the weights of each predefined criterion, such as crowd control, popularity, effectiveness in teams, ease of use, and healing ability. The system is developed through stages of system design, implementation based on the Codeigniter framework, and testing to ensure functionality and effectiveness of the system. Testing results using the Blackbox Testing method show that all features function as intended (100% success). This system is expected to help users, especially beginner players, make decisions on selecting support heroes more efficiently, objectively, and based on structured data.*

**Keywords:** *Decision Support System, AHP, Hero Support, Game RPG, Wuthering Waves, Black Box, Website.*