

## ABSTRAK

**Nama** : Ragil Asmaul Husna  
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**Judul** : **Pengambilan Keputusan Menggunakan Metode *Analythic Hierarchy Process (AHP)*, *Sample Additive Weighting (SAW)* dan *Technique For Order Preference by Similarity to Ideal Solution (TOPSIS)*.**

Pengambilan keputusan sangat penting dan banyak digunakan dalam kehidupan sehari-hari. Untuk membantu dalam pengambilan keputusan diantaranya terdapat metode *Analythic Hierarchy Process (AHP)*, *Simple Additive Weighting (SAW)* dan *Technique For Order Preference by Similarity to Ideal Solution (TOPSIS)*. Dalam pengambilan keputusan, penulis akan menerapkan 3 metode tersebut pada studi kasus rumah makan Karniv.012 yang akan memilih divisi terbaik dengan mempertimbangkan beberapa kriteria yaitu kedisiplinan, kecepatan, kebersihan, ketepatan dan kerapihan. Adapun alternatif divisi yang akan dipilih yaitu *kitchen*, *server*, *pantry* dan *cashier*. Setelah dilakukan perhitungan dengan menggunakan metode AHP, SAW dan TOPSIS, maka didapat hasil divisi terbaik pada rumah makan Karniv.012 yaitu *kitchen*.

Kata kunci : Pengambilan keputusan, *Analythic Hierarchy Process (AHP)*, *Simple Additive Weighting (SAW)* dan *Technique For Order Preference by Similarity to Ideal Solution (TOPSIS)*.

## ABSTRACT

**Name** : Ragil Asmaul Husna  
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**Title** : *Decision Making Using the Analytic Hierarchy Process Method (AHP), Sample Additive Weighting (SAW) and Technique For Order Preference by Similarity to Ideal Solution (TOPSIS).*

*Decision making is very important and many used in daily life. Decision making have to do with a lot of balance in order to get the best results. For assistants in making decisions among them the Analytical Hierarchy Process (AHP) method, Simple Additive Weighting (SAW) and Technique For Order Preference by Similarity to Ideal Solution (TOPSIS). In making decisions, the authors will apply these 3 methods in case study to the Karniv.012 restaurant which will choose the best division by considering several criteria is discipline, speed, cleanliness, accuracy and tidiness. The alternative divisions to be chosen are kitchen, server, pantry and cashier. After calculating using the AHP, SAW and TOPSIS methods, the best division results obtained at Karniv.012 restaurants is kitchen.*

*Keywords : Decision Making, Analytical Hierarchy Process (AHP), Sample Additive Weighting (SAW) Technique For Order Preference by Similarity to Ideal Solution (TOPSIS).*

