

CHAPTER 1

INTRODUCTION

1.1 Background

Central Java has many tourist destinations, such as nature tourism, artificial tourism, museum tours and more. However, the amount of data on tourist attractions that are not balanced with good information makes some tourism objects begin to be forgotten. So that makes prospective visitors confused to choose a tourist attraction. Tourism needs to be managed properly because tourism can be an additional foreign exchange for the country, a means of preserving culture in Indonesia, a means of introducing Indonesia to other countries.

Fuzzy Tahani method is a method of Decision Support System. By building a system using the Fuzzy Tahani method, it can help prospective visitors to make decisions on tourist objects to be visited based on suitable criteria for prospective visitors using parameter ticket prices, distance, many facilities, visitors, child friendly, educative. The initial data from each parameter will be fuzzyfication to get a fuzzy value and then the rule will be created from the results of fuzzyfication to determine the right recommendation.

The Fuzzy Tahani method can process a lot of tourism data in Central Java and provide recommendations for decision making based on the criteria desired by prospective visitors so that web-based applications are needed to make it easier for prospective visitors to get recommendations on places of tourism.

1.2 Scope

1. How to design and make a decision support system for recommendations on choosing tourism objects in Central Java that are able to provide the best decisions and information about tourism objects using the Fuzzy Tahani method that matches the selection criteria?
2. How to determine the existing criteria, as an assessment of criteria used for consideration in making decisions that will help prospective visitors in choosing tourism objects in Central Java?
3. The system is built using PHP, MySQL using the Fuzzy Tahani method.
4. The system that is logged will not process the geography of the tourist attraction.

1.3 Objective

Providing convenience for prospective tourist visitors to choose tourism objects in Central Java that fit the criteria by applying the Fuzzy Tahani method, Providing information on the types and attractions in Central Java and Knowing some criteria that become an attraction for prospective visitors to visit attractions.