

# Information System in Tourism and Culture Services (Disparbud) Majalengka City

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## Abstract

Tourism and culture are inseparable things, both tourism and culture are very much attached to the requirements of human life, starting from natural tourism and artificial tourism, both local culture and long-distance culture. With the large number of tourists in Majalengka City, the data collection system of the tourism and culture service is still manual which often causes errors and delays in managing visitor data entering each tourism object. To overcome the problems that exist in the tourism and culture office, it is necessary to have a visitor data management system that suits your needs. With this background Practical Work in one of the government agencies of Majalengka City in the field of tourism and culture. The purpose of implementing Practical Work is so that students can apply knowledge during the lecture period in real terms, because what is gained in lectures is not sufficient to gain knowledge about the world of work. In addition, it is hoped that students will get a picture of the world of work before entering the real work world. The research method used is the prototype method. for the design method using PHP Myadmin and MySql. Finally, it is hoped that the system created can solve existing problems and can function properly in the Majalengka City Tourism Office Majalengka City during the work I made the application requested by DISPARBUD.

## Keywords

Tourism, Data Processing, Program Application

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## Introduction

Tourism can be used as a catalyst to promote economic development as it impacts the economy of the countries visited by tourists. The arrival of tourists in the Tourist Destinations (DTW) has brought prosperity and prosperity to the local population. Like any other sector, tourism affects the economy of a region or destination. The degree of influence varies from region to region or from country to country. According to a study conducted by the World Travel and Tourism Council (WTTC), the tourism sector, which is a fast-growing industry, can increase regional income.

It is hoped that this application can provide relief to the Majalengka City Tourism Office to realize regional welfare through tourism objects by monitoring all tourist visitor statistics. This application allows DISPARBUD to manage and evaluate visitor data which tourist objects are most frequently visited and which objects are less visited by visitors. If the data is collected properly, tourist visitor data can be processed regularly without the information in the database having to be managed again. The department at DISPARBUD still has difficulty managing visitor data collection, visitor information for this agency concerns data on visitors who come. In the data management system used at DISTANHOR in the visitor data collection area, the data collection will continue to be processed using the Microsoft Excel application. In managing DISPARBUD, it is necessary to create an adequate tourist visitor data system. EMS (Employee Management System) is a visitor data system that is useful for keeping visitor records and managing tourist visitor databases.

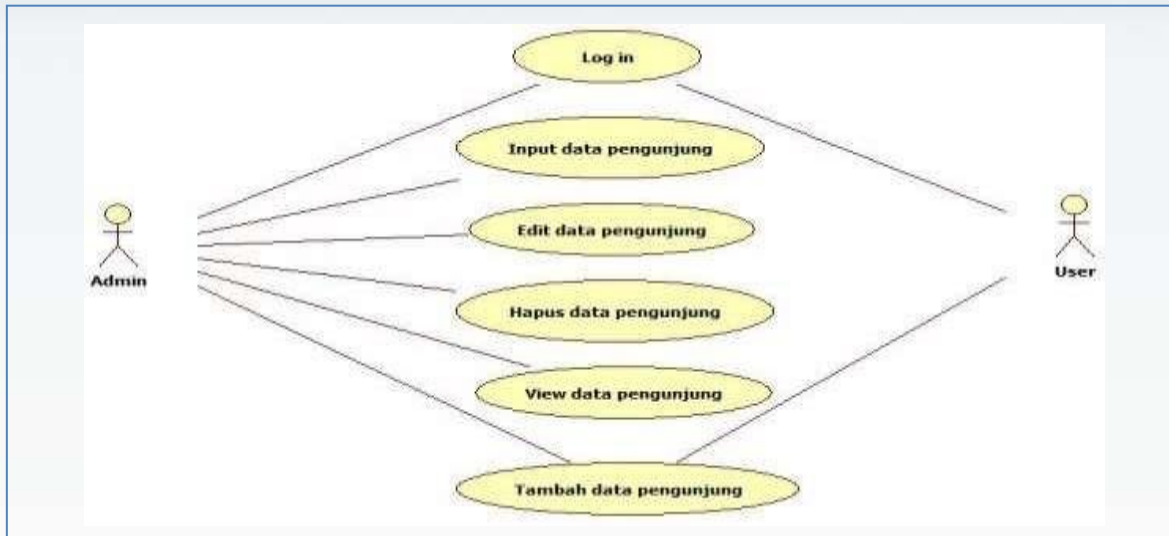
Based on practical work carried out with the aim of designing visitor data management, the data management system can be well integrated into the visitor data application, because the data is stored in a local database. With the development of this application, it is expected to minimize visitor data in the visitor data acquisition area. Then the program has a function to manage data by administrators to add data, delete data or update data when changes need to be made. Meanwhile, users or employees can increase the number of visitor data on the website.

## Studi Literature

Web design is a visual design term applied to digital media, namely websites, designs to develop and organize information on the Internet to provide high-quality functionality and aesthetic qualities of consumers. The definition offered separates web design from web programming, emphasizes the functional characteristics of a website and positions web design as a type of graphic design. Indirectly, this website design focuses on the appearance but does not eliminate the main function that is being designed. The purpose of web design is as a communication medium that aims to create or convey information quickly and in real time. It's like visiting a website, it's the first time you see the design. From composition to color to very varied layouts. For a good web designer, they will surely understand the essence of color. Web designers will also have feelings so that they can make readers and visitors imagine what is on the website.

According to Rerung (2018:4), a web server is software that forms the backbone of the World Wide Web (WWW). The web server waits for requests from clients using browsers such as Netscape Navigator, Internet Explorer, Mozilla and other browser programs. Meanwhile, Supono & Putratama (2018: 6) found that "a web server package is a server software used to receive and send back requests in the form of a website via HTTP or HTTPS from this client, known as a web browser (response). in the form of a site, which is usually an HTML document. From the above understanding it can be concluded that a web server is software that contains various web protocols in order to be able to run commands from clients, internet servers that are used as connections and data transfers (HTML, ASP, ASPX, PHP, JS)., etc.) This makes the web server the most important application of the World Wide Web (www).

## Research Method

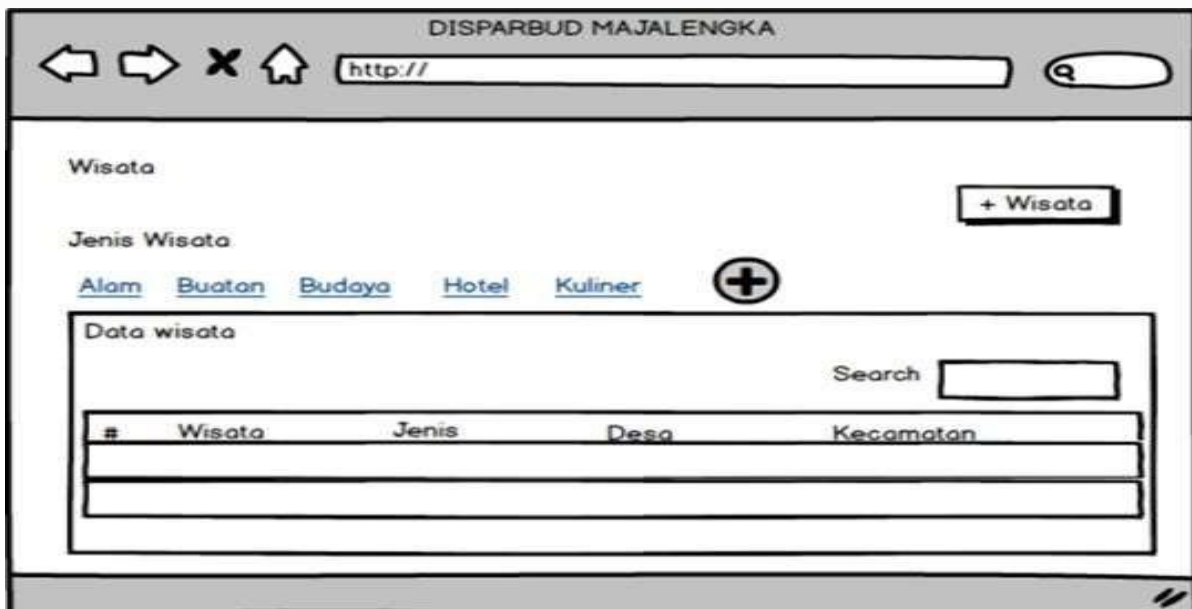


**Figure 1** Use Case Diagram

In figure (1), it is explained that the Use case diagram admin can manage data such as data input, edit data, delete or search employee data. For users or users can only increase the number of visitors by logging into the system as a user

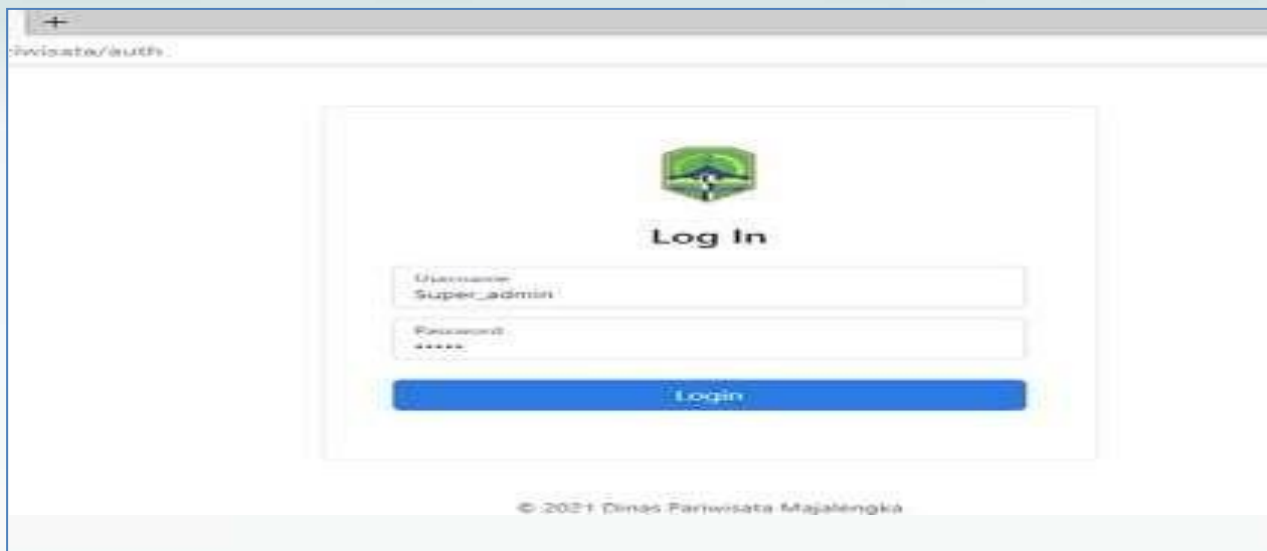
## Implementation System

Interface design describes the interface that will be used in the website. Here are some interface designs in the Majalengka tourism visitor data management application:

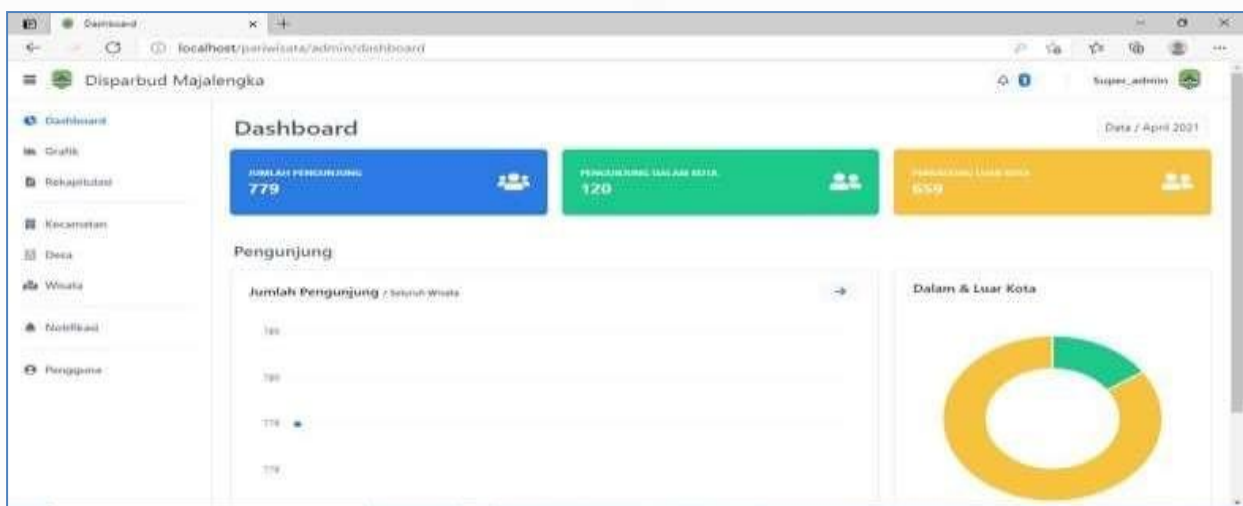


**Figure (2)** Is an Interface Design to Display

Figure (2) is an interface design to display the page for the total number of visitors to tourism in Majalengka. There are several views such as the number of visitors, visitors in the city, and visitors outside the city.



**Figure 2** Admin Menu



**Figure 3** Dashboard Website

The following is a system display, where when there is a number of tourism visits, it will be displayed on the dashboard page. On this dashboard page the goal is to display all tourism visitor data in Majalengka.

## Conclusion

Conclusion on practical work in making "Majalengka City Tourism Visitor Data Application" which is located at the Majalengka tourism and culture department. There are several things including:

- This application admin / tourism office employees do not need to go directly to tourist attractions every week to request tourism visitor data.
- With this application admin / tourism office employees can view tourism visitor data.
- Tourism office employees can see the increase and decrease in tourism visitors at each tourist attraction.
- Employees can manage tourist objects well to attract tourism visitors.

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