DEVELOPMENT OF A "GO IN TRAVEL" TOUR PACKAGE BLOG WEBSITE USING VISUAL STUDIO CODE

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Abstract. Applications and websites that are free to access anywhere really help human life, for example they are used to place orders ranging from purchasing goods, delivery and delivery services. It is no exception in the field of tourism to make it easier for a person or group of people to get to tourist destinations more easily by using applications or websites we can get information regarding recommendations for tourist attractions. This website specifically aims to facilitate traveler users to travel to the tourist spots they want to go to. The limitation of this research is the creation of a blog website that provides information about tour packages using a visual code that will display an introduce page, a list of popular destinations and a list of tour and holiday packages.

INTRODUCTION

Technological developments are currently increasingly advanced where technology and information are developing very rapidly, including developments in the field of mobile-based information systems. Quoted from Statista (2018), the number of smartphone or smart phone users worldwide in 2014 amounted to 1.57 billion until 2020 reaching 2.87 billion.

The use of applications provides convenience and comfort in various areas of life, one example is used to place orders ranging from purchasing goods, delivery and delivery services. It is no exception in the field of tourism to make it easier for a person or group of people to get to tourist destinations. Mobile-based technology and information as a means of ordering and transportation to take someone to their destination using only a smartphone and the internet, we can order or use the services of a travel agent. Where its function is to facilitate the user in this case, namely the traveler to travel to the destinations that have been provided by the

travel agent services. For travel agents it is used to promote, sell services and tour packages.

Travel agents have extensive knowledge and experience of travel destinations, airlines, hotels and other transportation services. They can provide advice based on individual preferences and needs, as well as help organize trip details efficiently. Using the services of a travel agent can save time and effort in planning a trip. As an expert in the travel industry, a travel agent can take care of all the details of the trip, starting from ordering airplane tickets, arranging accommodation, to compiling a travel itinerary. This allows individuals to focus on other things without the need to spend time and effort searching for information and organizing things themselves.

Travel agents often have access to special offers, discounts, and vacation packages that are not commonly available. They have relationships with business partners in the travel industry, such as airlines and hotels, who can provide their clients with extra benefits. By using a travel agent, individuals can take advantage of these exclusive offers and save on travel costs. Using a travel agent can give individuals a sense of trust and assurance in planning their trips. Professional travel agents will try to provide the best service according to the needs of their clients. Apart from that, some travel agents also offer travel insurance coverage which can give individuals additional peace of mind.

However, in practice there are still deficiencies where it is difficult for travelers to obtain information on tourism destinations and tour guide services because promoting travel agent services is carried out individually at each tour & travel company using social media, websites, applications and others. The limitation of this research is the creation of a travel package blog website "GO IN TRAVEL" which will display an introduce page, a list of popular destinations and a list of tour and holiday packages.

The definition of travel

According to Foster (2000) Travel is the act or science of moving people from one place to another safely, efficiently and comfortably. The term Travel is usually Indonesianized to travel. Traveling in Indonesian is the activity of traveling, moving from one place to another for various reasons, such as business, vacation, and so on. Most traveling activities are considered as a hobby rather than a job. In its development traveling has a new designation such as backpacking. According to Pendit (1999), a travel company or travel agent or travel bureau is a company that has the goal of preparing a trip (in foreign language: trip or tour) for someone who plans to make it.

Tourist

According to the etymology of the word "tourism" is identified with the word "travel" in English which is defined as a trip that is made many times from one place to another. On this basis, by looking at the current situation and conditions, tourism can be interpreted as a planned trip carried out individually or in groups from one place to another with the aim of getting satisfaction and pleasure. According to Sinaga (2010) is an activity of traveling from home with the intention of not doing business or relaxing. Tourism can also be seen as a business related to the provision of goods and services for tourists and involves any expenditure by or for tourists/visitors on their journeys.

Web

Web-based programming language is a programming language used to create an application that can interact with all users without having to install it on 1 PC or laptop.

Website Blog

Blog is a form of web application in the form of writings (which are loaded as posts) on a web page. These writings are often published in the order of the most recent content before being followed by the older content, although this is not always the case. Websites like this can usually be accessed by all Internet users according to the topic and purpose of the blog user. Blog is short for "Weblog" which means a type of website or online journal that displays information from various sources and contains content such as articles, text, photos, videos, and links. Blogs are generally owned by individuals and are created free of charge on blogging platforms. The blog owner usually writes (posts) various notes into his blog, like a diary. Blogging is a blogging activity, namely creating and filling a blog with writing, pictures, videos or multimedia content.

PHP

Winarno and Ali Zaki (2014: 49), PHP is a server-based (server-side) web programming language that is able to parse PHP code from web code with the .php extension, resulting in a dynamic website display on the client (browser) side. PHP is a scripting language which is very suitable for web development and can be embedded into HTML.
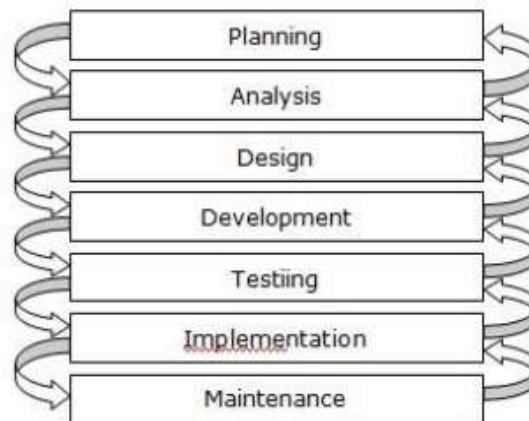
Visual Studio Code

Visual Studio Code is a source code editor developed by Microsoft for Windows, Linux and macOS. This includes support for debugging, embedded git control and GitHub, syntax highlighting, smart code completion, snippets, and code refactoring. It is highly customizable, allowing users to change themes, keyboard shortcuts, preferences and install extensions that add additional functionality.

METHOD

System Development Life Cycle (SDLC)

SDLC (System Development Life Cycle) is the process of creating and modifying systems and models and methodologies used to develop information systems. In this method there are 7 phases/steps that must be carried out by researchers, where the 7 phases are shown in Figure 3.1 below:

The outputs produced in each SDLC Phase are:

1. Planning

   Defining or planning the system to be designed and how the system will run, then defining the data needed in designing a travel package blog website system using visual studio code and will be implemented in the HTML programming language.

2. Analysis

   Gather requirements with the system to be built. If previously those who were able to perform expertise in analyzing observer officers then in the system being built, the task will be carried out by the system.

3. Design

   Designing the Model. After collecting some information on the flow of the travel package marketplace web creation system, the next step is to design the system interface model that will be implemented.

4. Development
a. Create a Technical Architecture.
b. Coding using HTML.

Source Code :

5. Testing

Perform various tests related to the new system, after creating the program, a test is carried out whether the program created is running or not. If it is not running, it will check for errors again in the program. However, if it is running, it can proceed to the 6th stage.

6. Implementation
   a. Preparing Productions
   b. Documentation
   c. System Conversion

7. Maintenance

Periodic maintenance. After the program is declared running, what is done next is to maintain and maintain the program so that it is not damaged, namely by updating it every time there is new information.

RESULTS AND DISCUSSION

Use Case Diagram

The use case in the figure below illustrates the interactions that the main actors make with the system. In designing this new system, there are 2 (two) main actors namely: ADMIN and USER

1. The Main Actor ADMIN first accesses the Website. Then process the data that will be displayed on the web page
2. The activities of the main USER actors are accessing the website and then checking the list of popular destinations and lists of tour and holiday packages.
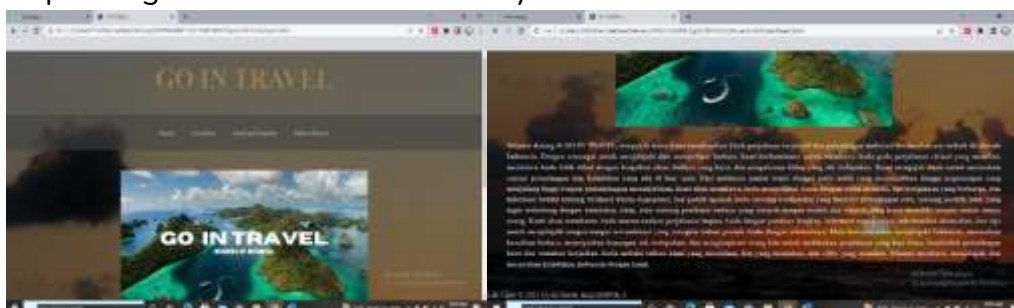
Results of Website Planning

1. Home page

   The home page is a display of the program's initial page which contains program sub-menu features such as the Indroduce page, Popular Destinations and Holiday Packages.
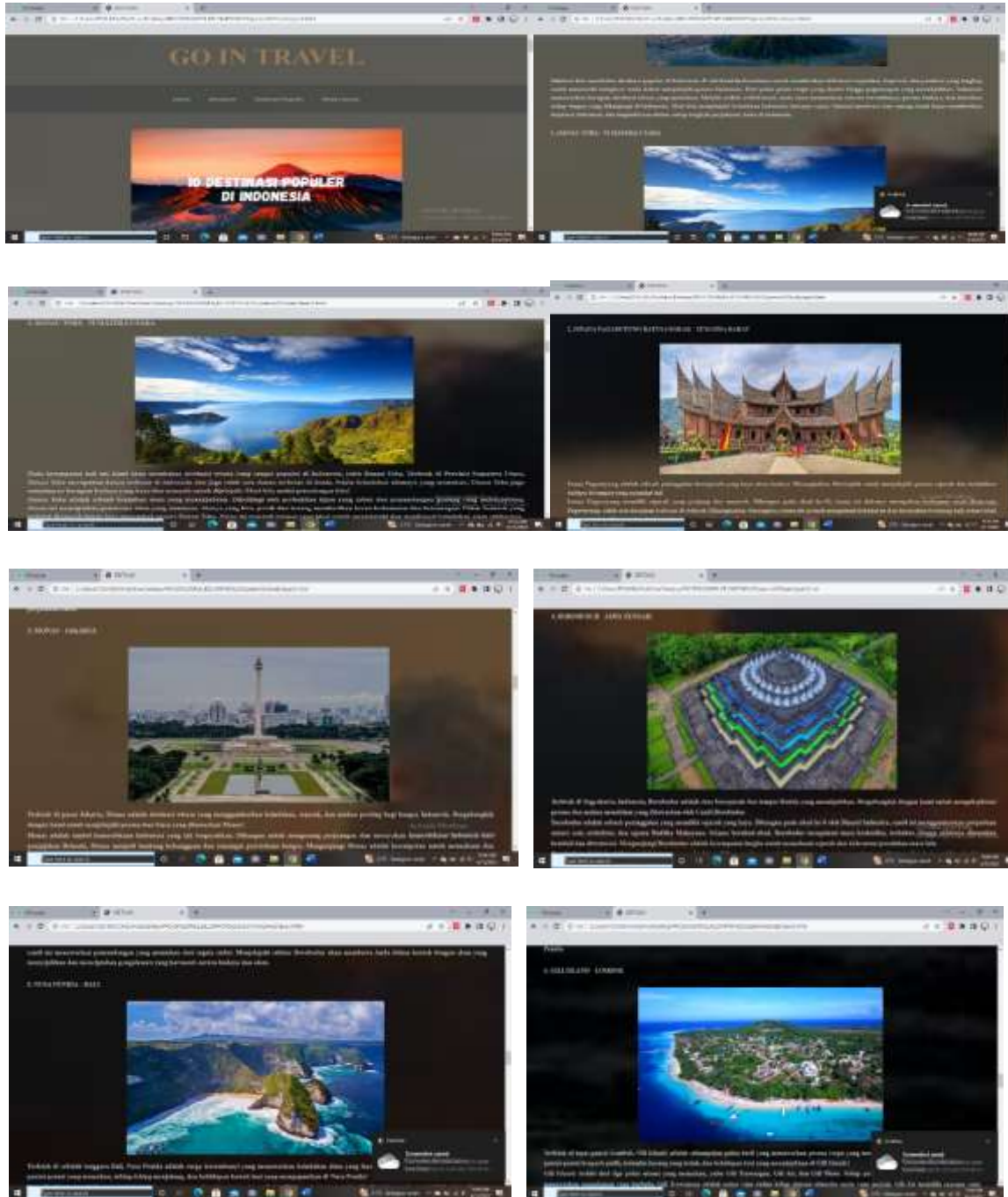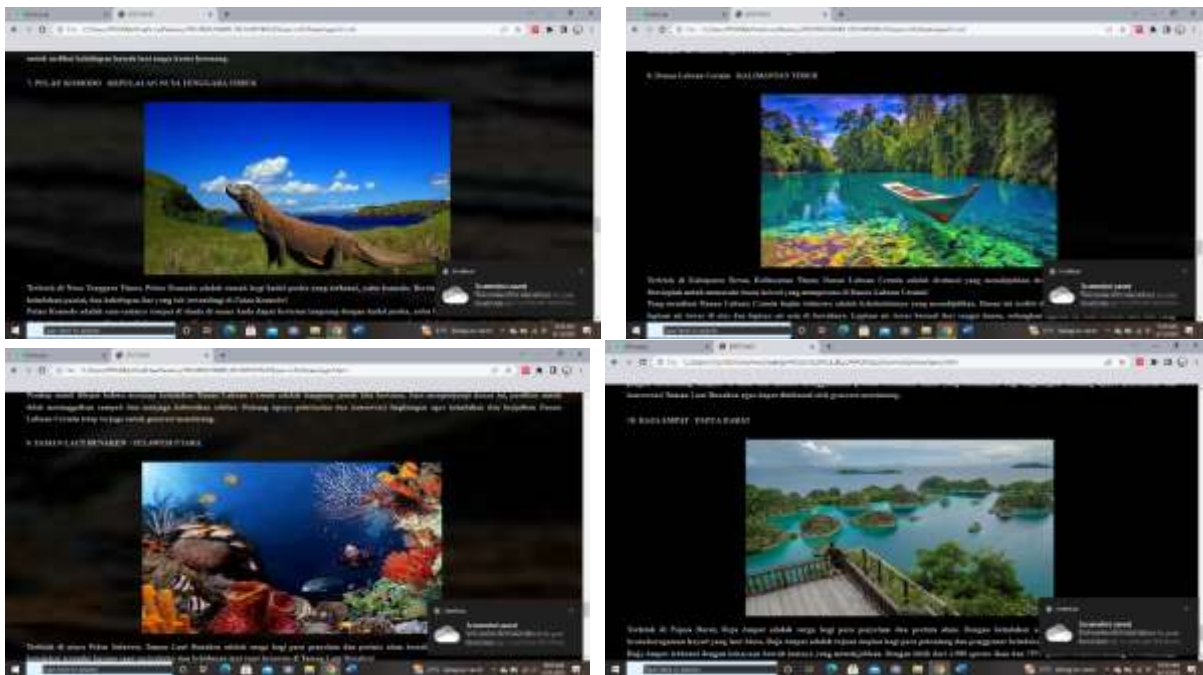

2. Introduction page

   The introduce page is a display page that contains the word description explaining the function and usability of this website.
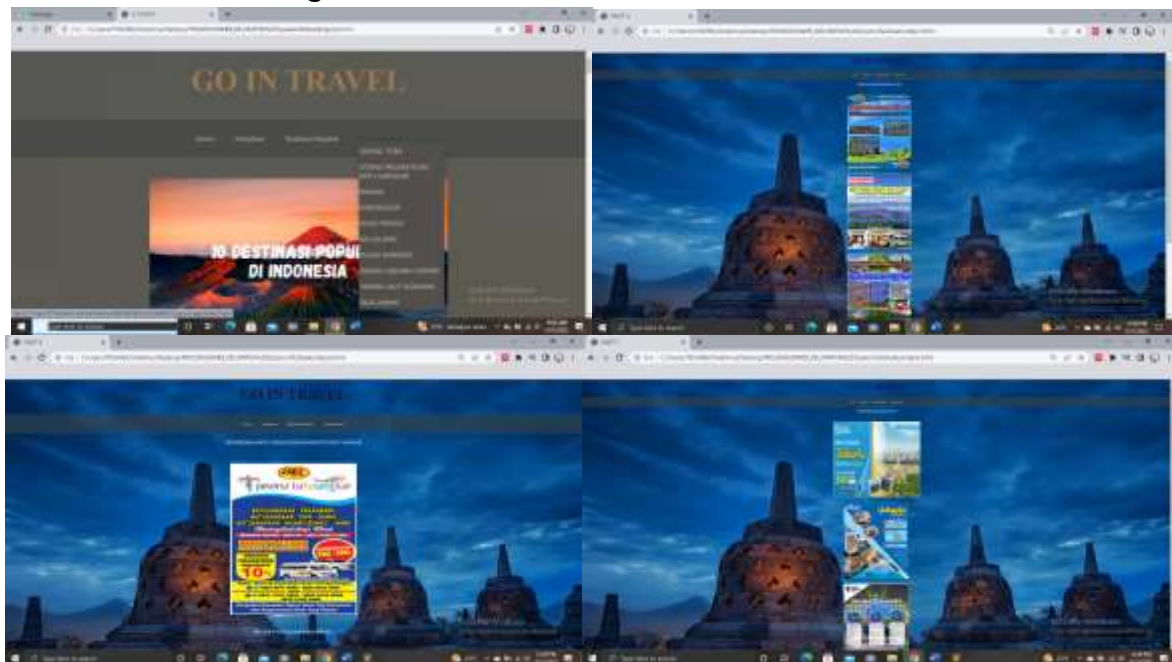

3. Popular Destinations Page

The popular destination page is a sub menu that contains articles about 10 popular destinations in Indonesia. Users can read this article as a reference source regarding destination places that must be visited.
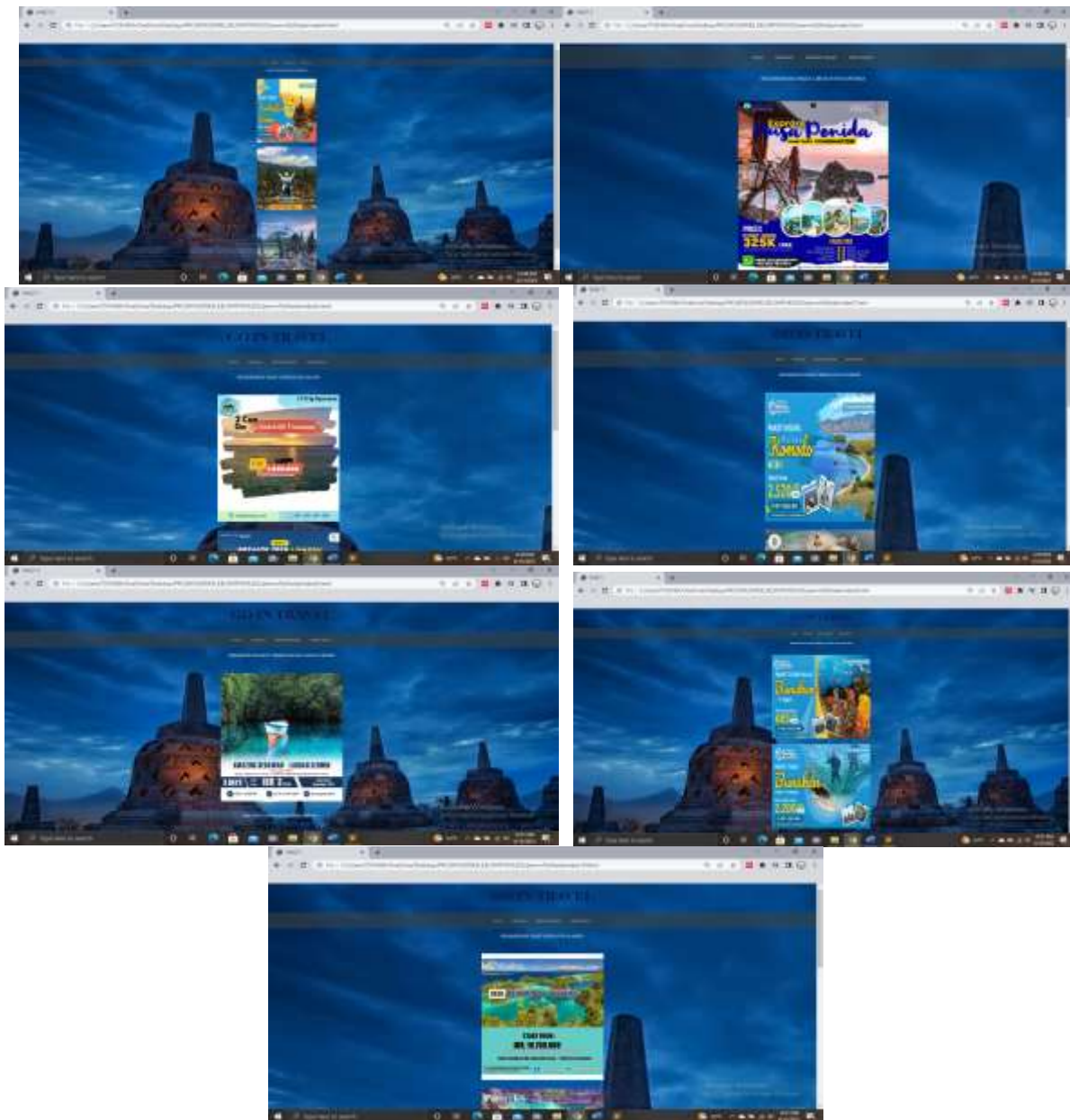
4. Vacation Package Page

The holiday package page is a page that contains information about recommended vacation packages according to the information on 10 popular tourist destination articles on the previous page. The tour package recommendations on this page are complete tour package brochures from various travel agencies.

CONCLUSION

Based on the results and discussion, the authors can take the following: Travel Package Blog Website "GO IN TRAVEL" has been successfully created, The "GO IN TRAVEL" Tour Package Blog Website and its available features such as the Introduce page, popular destinations and tour packages can run according to. Suggestion Based on the results and discussion, the authors can submit suggestions as follows: There is no feature for ordering tour packages that can be accessed directly through the website. In developing the website, other complementary features can be developed besides the direct booking feature, such

as a login feature before the user accesses the website and a feature for making special requests about packages to be ordered as well as a rating feature about tour packages that have been ordered by the user.

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