

## **I-MABRUR APPLICATION BASED ON WEBSITE (CASE STUDY: PT PAKUAN JAYA SAFARI TRAVEL)**

**ARIEF SYAFRUDIN**

*Mercu Buana University*

arief.syafrudintgr@gmail.com

**Abstrak:** PT. Pakuan Jaya Safari Travel dalam kegiatan bisnisnya ada sejumlah kendala yang dihadapi yang masih terbatas, yaitu tidak adanya aplikasi berbasis situs yang menyangkut informasi program Haji dan Umrah kepada calon jemaah haji. Saat ini perusahaan menggunakan perangkat lunak yang berdiri sendiri, belum terintegrasi dengan fungsi lain seperti menggunakan aplikasi Microsoft Excel, melihat cara kerjanya yang memperlambat proses pengelolaan data dan informasi dan dalam pengambilan keputusan oleh manajemen. Oleh karena itu, Aplikasi I-Mabrur Berbasis Situs Web dengan metode analitik Kinerja, Informasi, Ekonomi, Kontrol, Efisiensi, Layanan (PIECES) dapat mengatasi masalah yang ada dan meningkatkan kualitas layanan bagi jemaah haji dalam proses kegiatan haji dan umrah.

**Kata kunci:** I-Mabrur, Haji dan Umroh, Potongan.

*Abstract - PT. Pakuan Jaya Safari Travel in its business activities there are a number of constraints faced which are still limited, namely the absence of a website-based application concerns the information of the Hajj and Umrah program to prospective pilgrims. Today the company uses stand-alone software, has not been integrated with other functions such as using the Microsoft Excel application, seeing how it works that slows down the process of managing data and information and in decision making by management. Therefore, Website-Based I-Mabrur Application with analytical methods of Performance, Information, Economics, Control, Efficiency, Service (PIECES) can overcome existing problems and improve service quality for pilgrims in the process of Hajj and Umrah activities.*

*Key words : I-Mabrur, Hajj and Umroh, Pieces.*

### **A. Introduction**

Implementation of Umrah Worship Travel (PPIU) is a series of Umrah worship activities outside the Hajj season which includes guidance, service, and protection of the Jamaah, which is carried out by the government and / or organizers of Umrah pilgrimage trips [1]. Many Indonesian Umrah pilgrims were disappointed at the PPIU Company whose service and supervision was weak from the Ministry of Religion of the Republic of Indonesia to the Jamaah which had no certainty from the PPIU process ranging from worship, lodging, transportation, and guidance to Umrah. In the case of First Travel and Abu Tour, the set-up for the provision of Umrah services was much cheaper compared to the other Umrah travel packages. In consideration of First Travel and Abu Tour, the package of costs offered is sufficient to finance the overall cost of Umrah trips. However, Umrah pilgrims who have paid umrah fees in the current year cannot leave in the same year, they departed the following year. In other cases, irrational pricing issues result in abandoned umrah pilgrims being unable to go home because the return ticket from PPIU is not yet available, and / or not receiving the service as promised by the PPIU. Cheap umrah fees cannot be used as a reason for postponing departures, failures, and neglect of Umrah pilgrims, because PPIU should already have considerations regarding the

costs offered to Umrah pilgrims.

Of course, this condition has made the prospective pilgrims sad in the country. Moreover, the travel-status has the status of the Umrah Worship Provider (PPIU) who has obtained the legality from the Ministry of Religion. [2] Based on observations at PT. Pakuan Jaya Safari Travel (PPIU) in its business activities encountered a number of obstacles which were still limited, namely the absence of a web-based application related to the information on the Hajj and Umrah programs for prospective pilgrims. Based on the observations of researchers information about the Hajj program and the company Umrah uses stand-alone software, has not been integrated with other functions such as using Microsoft Excel applications, see how the work slows down in the process of managing data and information and in decision making by management. PT. Pakuan Jaya Safari requires information that is fast, accurate and relevant has become a basic requirement by utilizing information systems that can support the company's business processes and improve services. So, the author makes a study designing and making web-based hajj and umroh service applications with the title "**Application of I- Mabrur Website Base Case Study: PT. Pakuan Jaya Safari Travel**".

## **B. Research Methodology**

**Problem Formulation.** In the method of formulating this problem, it is usually done as a reference to collect data sources that can be used to design a tourism package marketing information system at PT Pakuan Jaya Safari Travel.

**Studying Literature.** This method is carried out as a reference source in obtaining data both in writing and in the form of recordings to support programming in an information system design.

**Data Collection.** This method of data collection is done to obtain information needed by the author to achieve the research objectives in designing an information system.

**System Design.** This method is carried out as a stage after analysis using the SDLC method, and the system development cycle is also a definition of functional requirements in preparation for design implementation with the aim of meeting the needs of system users.

**Implementation.** This method is used as a tool to present the design results into programming which is a collection of elements that have been designed in the form of programming that will be produced with the aim of being made based on needs.

## **C. Results and Discussion**

The results of the development of the I-Mabrur application are described in the form of the Unified Modeling Language (UML) and User Interface (UI) Design. Prospective pilgrims register by filling in the online registration form through the media browser and uploading payment confirmation forms and Umrah requirements documents. On Use Case Diagrams describing activities carried out by system users in applications include: Front-page page: 1) Pilgrim candidates can see the Umrah Package; 2) Pilgrim candidates can read the Umrah requirements on the website; 3) Pilgrims can register as worshipers; 4) Prospective pilgrims can choose from the available Umrah package; 5) Prospective pilgrims can confirm payment; 6) Prospective pilgrims can upload requirements documents; 7) Prospective pilgrims





Figure 3 Login Display

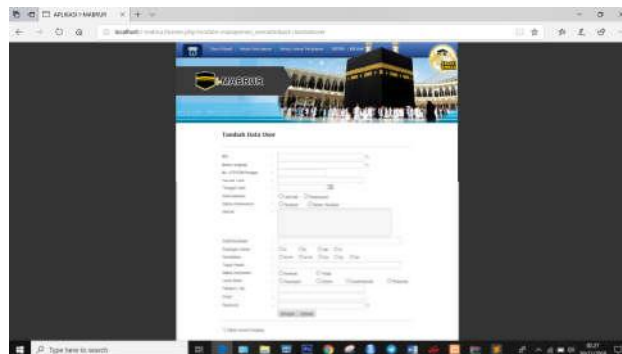


Figure 4 Display add User



Figure 5 Display Print List of Users

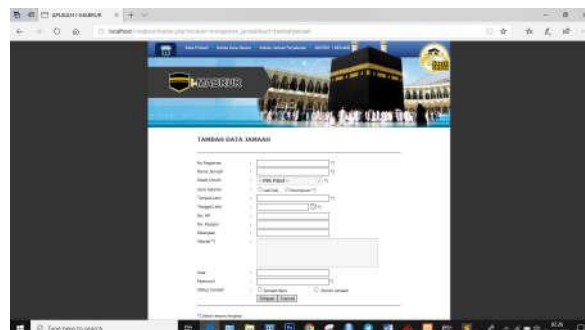


Figure 6 Display of Jamaat Data



NO. REGISTRASI	NAMA	JENDIS	UMUR	TANGGAL LAHIR	STATUS	NO. REGISTRASI	NO. REGISTRASI
1	YUSUFYUSUF	PEREMPUAN	25	1993.01.20	---	000000000000000000	000000000000000000
2	RIYADRIYAD	PEREMPUAN	25	1993.01.20	---	000000000000000000	000000000000000000
3	RIYADRIYAD	PEREMPUAN	25	1993.01.20	---	000000000000000000	000000000000000000
4	RIYADRIYAD	PEREMPUAN	25	1993.01.20	---	000000000000000000	000000000000000000

Figure 7 Display Print List of Jamaat Data

#### D. Conclusions

The conclusions of this study are: After studying the problems that exist and have been described in the previous chapter, and by conducting research on the process of Umrah registration services at PT. Pakuan Jaya Safari Travel, then with the Website-Based Application I- Mabrur, conclusions can be drawn as follows: 1) Can facilitate users or prospective pilgrims to register for Umrah online; 2) filling in the registration form based on the package to be taken can be stored and searched easily; 3) Can facilitate the administration in looking for prospective pilgrim data; 4) Can do data management by inputting, storing and printing data to be used as reports, where all the required data is stored or integrated in one database

#### Referensi

- Republik Indonesia, Peraturan Menteri Agama Nomor 8 Tahun 2018 Tentang . *Penyelenggaraan Perjalanan Ibadah Umrah.*
- Fahham, A. Muchaddam. 2018. "Penyelenggaraan Ibadah Umrah: Akar Masalah Dan Penanganannya," Vol. X, No. 01, April 2018 hlm 13-18. Jakarta : Pusat Penelitian Badan Keahlian DPR RI.
- Pressman, Roger S., Ph.D.. 2015. "*Software engineering: a practitioner's approach - 8th ed* ". McGraw-Hill, an imprint of The McGraw-Hill Companies, Inc. 1221 Avenue of the Americas, New York, NY, 10120.
- Suparni, dan Setia Budi. 2018. "Rancang Bangun Web Pendaftaran Umroh Pada PT. Rihlah Semesta Abadi Cibubur," Vol. 7, No 1, 2018 hlm 1-7. *Indonesian Journal on Networking and Security.*
- Rahmatillah, Irni Rahmi, dan Agung Baitul Hikmah. 2018. "Perancangan Sistem Informasi Pelayanan Administrasi Data Umroh (Studi Kasus: PT. Utmaniyyah Hannien Tour Tasikmalaya)," Vol.3 No.1, Mei 2018, hlm 9-17. *Indonesian Journal on Computer and Information Technology (IJCIT).*
- Febriyanto, Nugroho, Muhammad, dan Dafid, 2015. "Sistem Informasi Tour And Travel Perjalanan Ibadah Haji Dan Umrah Berbasis Website Pada Pt. Zulian Kamasaindo Palembang," Seminar Nasional Teknologi Informasi dan Multimedia 2015. STMIK AMIKOM Yogyakarta, 6-8 Februari 2015.
- Hidayah, Nur Aeni, Meinarini Catur Utami, dan Apris Tri Suhendar. 2015. "Rancang Bangun Sistem Informasi Pelayanan Haji Dan Umroh Berbasis Web (Studi Kasus: Kbih Al- Karimiyah Depok)," Vol. 8, No 2, 2015 hlm 1-12 . *Studia Informatika: Jurnal Sistem Informasi.*