

Application Design The Data Collection Features Of The Hotel Shades Of Rantauprapat Using VBNET

Syaiful Zuhri Harahap^{1*}, Samsir²

¹Faculty Of Science & Technology, Universitas Labuhanbatu, Sumatera Utara, Indonesia.

²Faculty Of Engineering, Universitas Al-Washliyah Labuhanbatu, Sumatera Utara, Indonesia.

*Corresponding author

Email: syaifulzuhriharahap@gmail.com

Abstract.

Hotel reservation is an activity where a customer comes to the hotel to book a room and stay in a room that has been booked. Orders are made by customers, at the hotel Shades Rantaupapat the process of collecting the customers who will stay is still done manually. So that customers have to come to the hotel to make reservations directly. This reservation information system is an application that can help speed up registration or registration when at the reception. Cancellation can also be directly managed by the admin or receptionist. So as to provide other convenience in making reservations. In making this information system using a system development method in the form of a waterfall. At the time of making the programs using Visual Basic NET 2010. For databases that are used to create databases using SQL Server 2008. The application of this information system can help employees to record customers who stay overnight and manage information needs needed to support the hotel business.

Keywords: Hotels, Information Systems, Microsoft Visual Basic NET 2010.

I. INTRODUCTION

Administrative data collection in the field require the precision of the mechanism and the arrangement is organized so that it can be packed and gated with a well, as the rapid technology and ease-the ease offered in it, in the processing of data-data that is first processed in a conventional is converted into a pattern komputersisasi that input process easier and search the data that has been stored in the database. The Database was created with the aim that the work process is optimal and can be done quickly and accurately with an error rate of the bit. In the type bc series data, the hotel must necessarily have a system of data processing that is well and regularly, that will be useful for the smooth storage of the data and can provide security to the data.

The design has 2 purposes, namely to meet the needs of the users of the system and to provide a clear picture pemogram computer and other technical experts involved. [1]

In terms of understanding the application is a program that is ready to use created to implement a function for the user application services and the use of other applications that can be used by a target that will be addressed. According to the dictionary of computer executive, an have a sense of problem-solving using one of the techniques of data processing applications that usually raced on a komputansi desired or expected and processing the data that is expected.

“System is a combination of a bunch of good components that the human and/or non-human (non-human) that support each other and arranged into a unified whole to achieve a goal, a common goal or end result” [2]. Understanding and definition of the system in a variety of fields vary, but although the term system is used vary, all systems in these fields have some common requirements, the system must have elements, environment, interaction elements, the interaction between the elements of the environment, and the most important thing is the system must have a goal to be achieved.

Hotel Shades of Rantauprapat is belongs to mr. Koestama Kusbuana at once it was he who inaugurated the Hotel Nuansa Rantau prapat on tanggal 5 April 2004 and the architecture of the Hotel Shades of Rantauprapat is the father of Apiaw, which comes from the Jakarta, Hotel Rantauprapat today in the leadership of mr. Arifin, R. Tampubolon one of the hotels comfortable and clean, the place is located right fitting on the highway town of Rantauprapat, in terms of Hotel services Shades have workers that are friendly and dressed decently, Hotel Nuansa also has a courtyard of the yan quite spacious and clean from garbage. In the Hotel Shades of Rantauprapat also available a Coffee shop with a menu of varied food and of course affordable by all people. And at the moment in the Hotel Shades of Rantauprapat there is a building that is still in the stage of manufacture, namely a swimming pool which built his swimming pool is at the hotel this will increase the advantages and the necessary of the customers Hotel Shades of Rantauprapat

II. MATERIALS

1. The History Of The Hotel

The Hotel comes from the word hostel, supposedly taken from old French. Public buildings has been touted since the end of the 17th century. Its meaning roughly, “a shelter for migrants” or also “building a provider of lodging and food to the public”. So, at first the hotel was created to serve the community. Not strange that in England and America, whose name the hotel employees was similar to public servants aka public servant. But, as the times and increasing service users, service inpatient-eating is starting to leave its social mission. Guests were free. While the building and rooms are being laid out in such a way as to make guests feel at home.

2. Understanding Guests

The word guest in the Great Dictionary of Indonesian Language can mean the people who come to visit the place of another person or people who came to the banquet. Understanding the property according to the Wursanto “ a Guest is a guest of the organization, agency, institution, or company, that person, whether as an official envoy of an institution or as personal, a visit to another institution for the benefit of the official or for personal interests. According to Soemarto and Dwiantara, the property of the organization or company can be a person or a group of people to bring one or a few interests, both the interests of herself as a person, as well as the interests of others, including the interests of a specific organization because they are the messengers of the organization.

3. Understanding Hotel

This is a company managed by its owners by providing food service, beverage and facilities for sleeping to people who travel and can afford to pay with a reasonable amount in accordance with the services received tanpa the absence of a special

agreement[3]. Definition of hotel according to the DECREE of the Minister of Tourism, Post and Telecommunication No. KM 37/PW. 340/MPPT-86, is "A type of accommodation that uses partial or entire building to provide lodging services, food and beverage, as well as supporting services for the public which is managed commercially.

III. METHODS

Hospitality is a business unit engaged in the hire rooms or the inn. The business process that is going on is starting from the consumers who come then to the reservation table to do the check-in process. Furthermore, the officer working will check the availability of rooms that exist, according to the request of guests, if rooms are available then the consumer will fill out the list of attending guests. At this stage of analysis are the identification of problems in data collection on the property where the existing system at the Hotel Shades of Rantauprapat overall not computerized, especially on the system of data collection, after get the problems facing the expected application design data collection property that will be created could be the solution for the Hotel Shades of Rantauprapat.

IV. RESULT AND DISCUSSION

In this design stage, the authors will design how to Design an Application data Collection features of the Hotel Shades that will be built can run well in the stage of implementation, the first design that will be made, namely the workflow system Application of the data Collection features of the Hotel or make draft modeling flowchart the system, then will make the design of the display interface or the appearance of the user interface or the user.

On the login Page is a form the username and password must be filled if you want to continue to the main page and there are tools login to sign in or log in, delete to delete and cancel to not proceed to the next page. The appearance of the login page can be seen in figure 1. below :

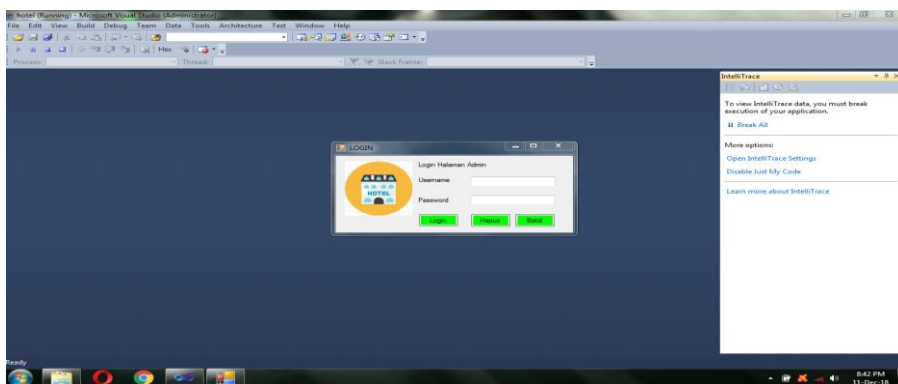


Fig 1. The Login Page

On the main Menu Page there are some other menu that the menu input the registration data that is for the guests who come to stay then there are the reports menu and tool out. Display the menu main page can be seen in figure 2 below.

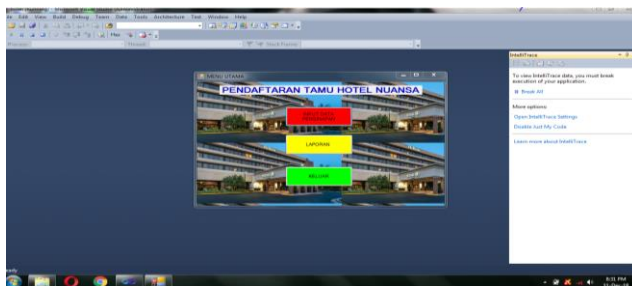


Fig 2. The Main Menu

On the Pages of input data the registration of the hotel Shades of there are some form which should be filled by the admin of the data from the hotel guests will stay or rent a room and on this page there are some tools that can be used is tool save to save the data that has been entered, then the tool edit to edit the data features of the hotel tang is already there, then tool remove for remove and tool back to back to the main page. The appearance of the page input the registration data can be seen in figure 3 below.

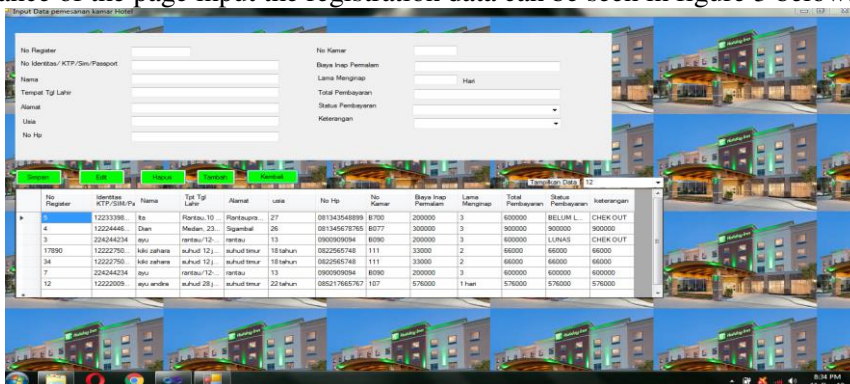


Fig 3. Input Registration Data

or was that already check out ,on the menu page of this report there is also the botton of the print, namely to print reports data features of the hotel.The display of the menu page of the report contained in figure 4 below.



Fig 4. The Menu Page Of The Report

On the menu page of the print data base this contains the out put of the application program of the data collection features of the hotel Shades and on the menu page of the print data base of the hotel there is a search field that if we want to search for data recap visitors to printed. Display menu page print report looks like figure 5 below.

Untuk Proses Pencarian Data Silahkan Inputkan No Pendaftaran Hotel dikolom ini.

Ketikkan no register hotel

DATA PENGINAPAN HOTEL.

No	No Register	No Identitas KTP/Sim/Pasport	Nama	Tempat Tgl Lahir	Alamat	Usia	No Hp	No Kamar	Biaya Penginapan Permalam	Lama Menginap	Total Pembayaran	Status pembayaran	Keterangan
1	17890	122227500097	kiki zahara	subud 12 januar 2000	subud tanger	18 tahun	0822565748	111	33000	2	66000	66000	66000
2	34	122227500097	kiki zahara	subud 12 januar 2000	subud tanger	18 tahun	0822565748	111	33000	2	66000	66000	66000
3	12	12222009600007	ayu andora	subud 28 januar 1996	subud tanger	22 tahun	083217665767	107	576000	1 hari	576000	576000	576000
4	7	124244234	ayu	rantau 12-09- 1991	rantau	13	0900909094	B090	200000	3	600000	600000	600000
5	5	1223339878999	Ita	Rantau,10 Oktober 1992	Rantauprapat	27	081343540399	B700	200000	3	600000	BELUM LUNAS	CHEK OUT
6	4	12224446677788	Dian	Medan, 23 Juni 1993	Sigambal	26	081345678765	B077	300000	3	900000	900000	900000
7	3	124244234	ayu	rantau 12-09- 1991	rantau	13	0900909094	B090	200000	3	600000	LUNAS	CHEK OUT

Fig 5. Print Data In Hotel

V. CONCLUSION

Overall in making the application of the data collection features of the hotel Shades of Rantauprapat this author take some of the conclusions that :

- a. With the application of the data collection features of the hotel Shades of Rantauprapat is to improve the performance of the Hotel Shades of Rantauprapat in the data collection features of the hotel.
- b. With the application of the data collection features of the hotel Shades of Raantauprapat this can help the admin of the hotel in data collection recap of visitor data from a manual by switching to a system that has been computerized.
- c. Simplify the creation of data reports recap the visitor and transaction data of the hotel guests come

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