

The Design of Web-Based Training Management Information System at PT Sintech Berkah Abadi



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ABSTRACT

Basically, companies always want to provide the best service, including in providing training in various types of programming languages that are owned. A manual system and very slow dissemination of information make the training often very few people want to follow. The computerized training management information system will make it easy for companies to collect data quickly, and also make it easy for prospective applicants to quickly get information about existing training. Management has the duty to manage all matters related to the training, from managing the data of the trainees to the organization of the training. The method used to collect data includes observation, interviews, library research, the design method is Extreme Programming (XP) an approach or software development model that tries to simplify the various stages of the development process so that it becomes more adaptive and flexible, the SWOT method to analyze the current system, and the testing method uses Blackbox Testing which tests the results of its functionality. The results obtained from this study are a computerized training management system, which makes it easy for participants to register easily and obtain training information that is held quickly. The conclusion of this study is that the manual system makes it very difficult for participants to register and obtain information, so that the design of this system makes it easier for participants to register online, and the information obtained is more accurate.

Keywords: Training, Systems, Courses.

I. INTRODUCTION

PT. Sintech Berkah Abadi is one of the companies engaged in IT services. Basically, companies always want to provide the best service, including in providing training in various types of programming languages that are owned. A manual system and very slow dissemination of information make the training often very few people want to follow. The computerized training management information system will make it easier for companies to collect data quickly, and also make it easy for prospective applicants to quickly get information about existing training. Management has the duty to manage all matters related to the training, from managing the data of the trainees to the organization of the training. The system of calculating the sale of electronic goods credit at the cooperative that is currently running at PT Nagasaki Paramashoes Industry by means of semi-computerized calculation and recap, which is limited to data storage and reporting using Microsoft Excel. And the rest is still manual. So that errors often occur in the recording and calculation of credit installments for members of the cooperative and the process of processing also requires a long time.

II. METHODE

According to Supriyatna, A. (2018) "Extreme Programming (XP) is a software engineering process that tends to use an object-oriented approach and the goals of this method are teams formed on a small to medium scale and this method is also appropriate if the team is faced with requirements which is unclear or changes requirements very quickly".

III. RESULT AND DISCUSSION

According to Edi Saputra Pakpahan et al (2014: 118), "Training (training) is an effort to increase the knowledge and expertise of an employee to do a particular job".

Understanding management according to Samsuni (2017: 115) in the Scientific Journal of Islam and Society, quoting from Marwansyah (2010), namely the utilization of human resources in organizations carried out through the functions of human resource planning, recruitment and selection, human resource development, planning and career development, compensation and welfare, occupational safety and health, and industrial relations.

The results of this study, in the form of a web with the following appearance :

1. Admin Dashboard Page

Dashboard
Kursus
Laporan

Laporan :
Bulan Januari 2020

No Registrasi	Nama	Email	Kursus	Tanggal
5617172	Nurul	nurul@gmail.com	Kursus PHP dan MySQL	20 Januari 2020
6287272	Maemunah	maemunah@gmail.com	Kursus PHP dan MySQL	20 Januari 2020
5421215	Yeni	yeni@gmail.com	Kursus PHP dan MySQL	25 Januari 2020
6125212	Muna	muna@gmail.com	Kursus PHP dan MySQL	25 Januari 2020

Figure 1. Admin Dashboard

2. Course Data Display

Dashboard
Kursus
Laporan

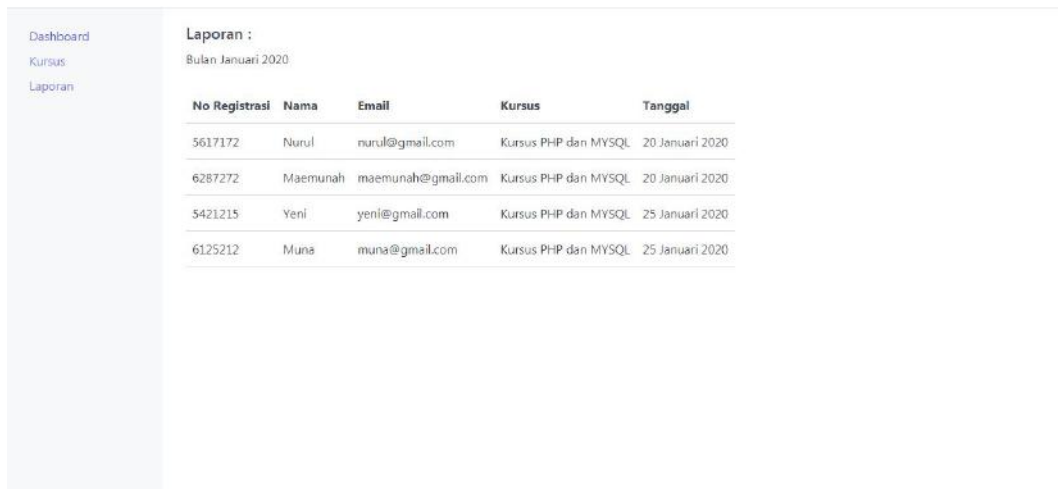
Kursus

Nama Kursus	Tanggal	Kuota Peserta	Peserta	Biaya	Aksi
Kursus PHP dan MySQL	20 Januari 2020	10 Orang	0 Orang	Rp1.000.000/orang	Edit Hapus
Kursus Fullstack Javascript	25 Januari 2020	5 orang	3 Orang	Rp2.000.000/orang	Edit Hapus
Kursus Web Design	31 Januari 2020	15 Peserta	0 Orang	Rp.800.000/orang	Edit Hapus
Kursus UI/UX	20 Februari 2020	10 Peserta	0 Orang	Rp3.000.000/orang	Edit Hapus

Tambah Kursus

Figure 2. Course Data

3. Report Data Display



The screenshot shows a web application interface with a sidebar on the left containing 'Dashboard', 'Kursus', and 'Laporan'. The main content area is titled 'Laporan : Bulan Januari 2020' and displays a table with the following data:

No Registrasi	Nama	Email	Kursus	Tanggal
5617172	Nurul	nurul@gmail.com	Kursus PHP dan MYSQL	20 Januari 2020
6287272	Maemunah	maemunah@gmail.com	Kursus PHP dan MYSQL	20 Januari 2020
5421215	Yeni	yeni@gmail.com	Kursus PHP dan MYSQL	25 Januari 2020
6125212	Muna	muna@gmail.com	Kursus PHP dan MYSQL	25 Januari 2020

Figure 3. Report Data

4. Home Display

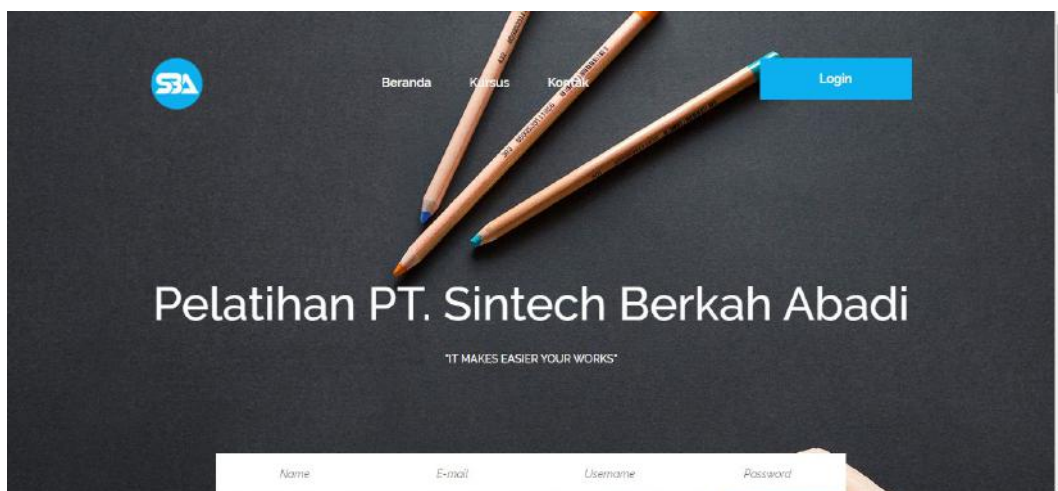
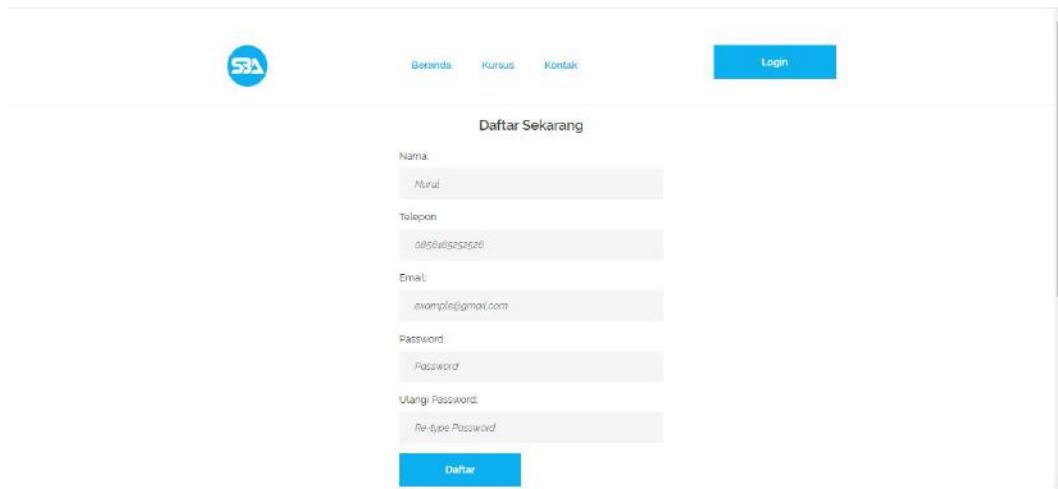


Figure 4. Home

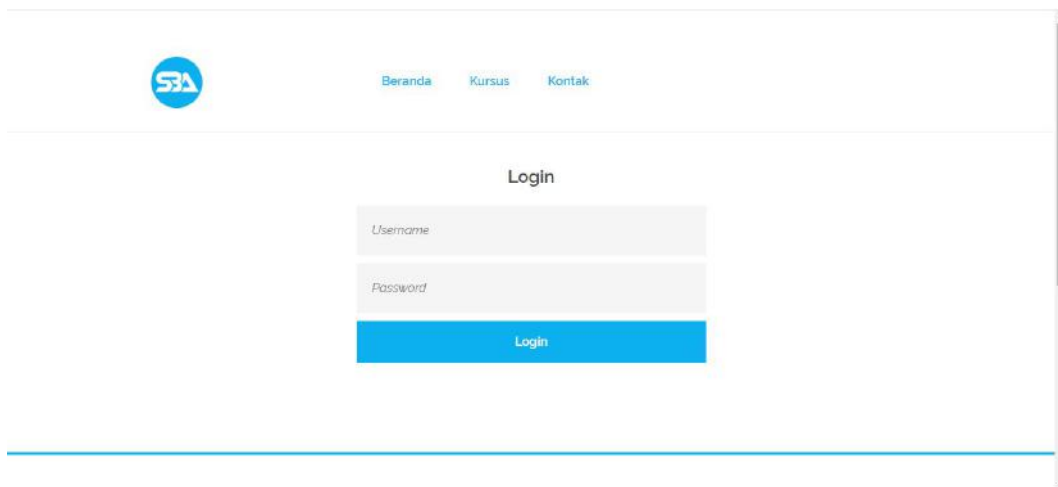
5. Register Page



The screenshot shows a web page with a header containing a logo on the left and navigation links 'Beranda', 'Kursus', and 'Kontak' in the center. A blue 'Login' button is positioned on the right. The main content area is titled 'Daftar Sekarang' and contains a registration form with the following fields: 'Nama' (with placeholder 'Murad'), 'Telepon' (with placeholder '085646252526'), 'Email' (with placeholder 'example@gmail.com'), 'Password', and 'Ulangi Password' (with placeholder 'Re-type Password'). A blue 'Daftar' button is located at the bottom of the form.

Figure 5. Register

6. Login page



The screenshot shows a web page with a header containing a logo on the left and navigation links 'Beranda', 'Kursus', and 'Kontak' in the center. The main content area is titled 'Login' and contains a login form with the following fields: 'Username' and 'Password'. A blue 'Login' button is located at the bottom of the form.

Figure 6. Login

7. Course Menu Display

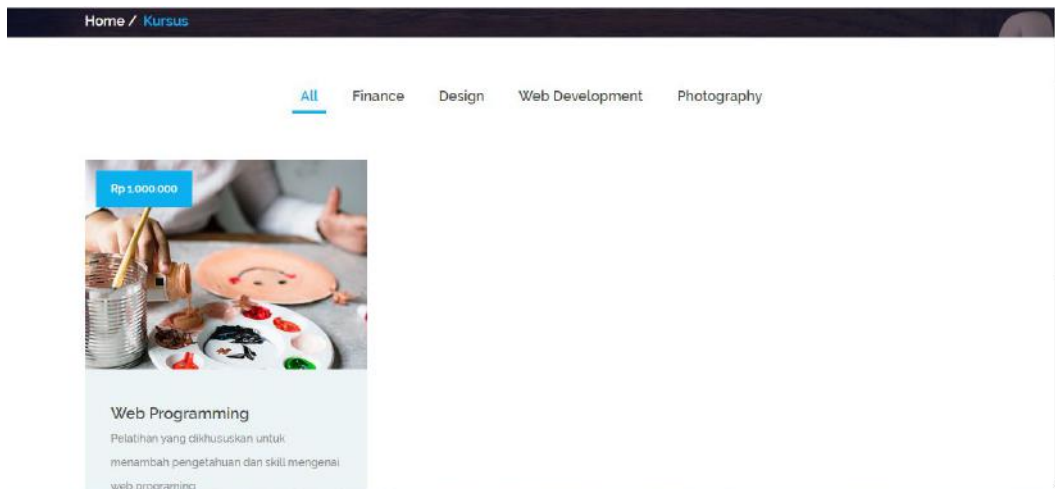


Figure 7. Course Menu

8. Course Details Menu Display

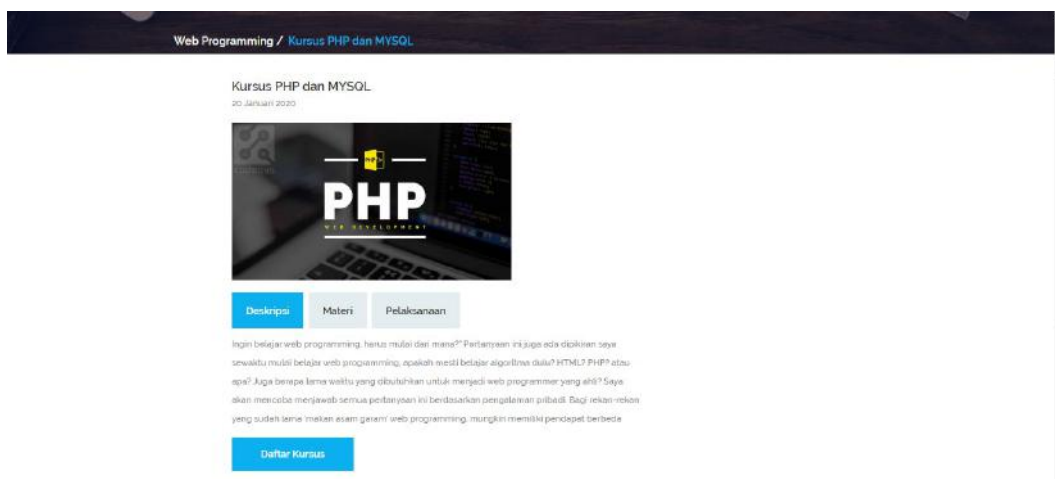


Figure 8. Course Details Menu

9. Display the Contact Menu

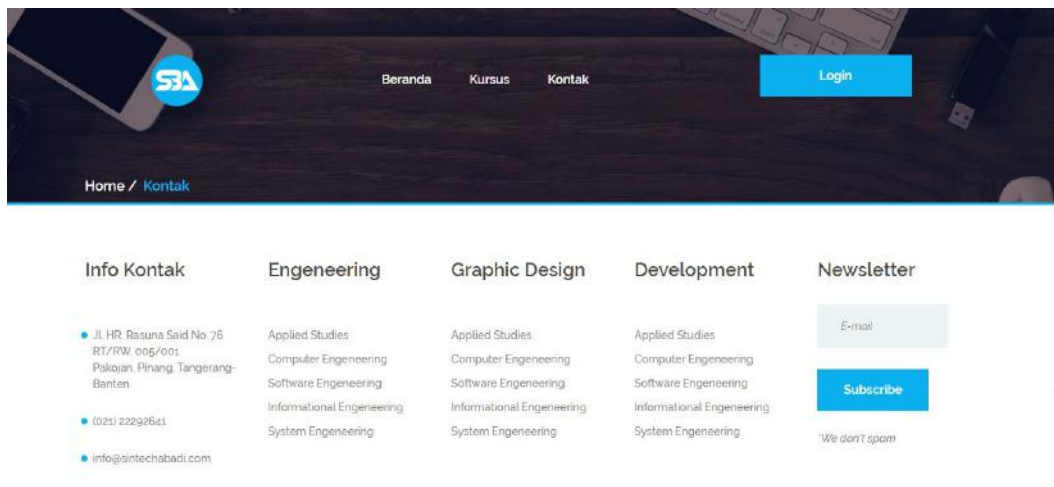


Figure 9. Contact Menu

IV. CONCLUSION

Based on the analysis, it can be concluded as follows:

1. This system can improve the quality of service administrators managing training participants who register themselves at the training that is held. Because that way management can run efficiently and effectively.
2. Training management information system is designed, created, and built based on a website, so that it can facilitate the admin in managing the data.
3. And this system is made using a database so that the loss of data accumulation that uses paper and the search for information faster when needed in making reports is also more accurate.

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