THE MAKING OF PRIVAT ORGANIZERSYSTEM IN CELLULAR PHONE BASE ON J2ME

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ABSTRAK

Today cell phone technology has been much progress. The development of mobile applications that are rampant today which is a Java-based programming language J2ME (Java 2 Micro Edition). In making this final project, J2ME programming language used to create a system of personal organizer on a large-capacity mobile phone that can store a schedule of activities, important notes, and diaries. In addition this system is also equipped with information systems maker this organizer system can be used to store or access data from and to the database server. Making this system begins with making the program on a PC (Personal Computer) using software j2mewtk and PHP scripts, then integration by using the emulator on j2mewtk. Then do it on the server using a MySQL database that contains user data. After it is downloaded J2ME program into mobile phone and upload the data on the server the PHP script. Organizer system can be accessed by using Java-based mobile phone and GPRS. So that access depends on the quality of providers used and Usage time.

Keywords: J2ME, PHP, MySQL

1. INTRODUCTION

1.1 Identification of Problems

1. How to manufacture the MySQL database for storage of data organizer
2. How do I connect the database with J2ME
3. How to build personal organizer system on J2ME-based mobile phone.

1.2 Objectives

The purpose of this report is to build a personal organizer system on J2ME-based mobile phone

purpose of making this personal organizer system are:

1. To store data more secure, and practical

2. MODEL, ANALYSIS, DESIGN AND IMPLEMENTATION

2.1 Model

1. .Literature Review
2. Planning system
3. Making Views On Phone Handheld
4. Creation Database
5. Connection Settings
6. Analysis and Conclusions

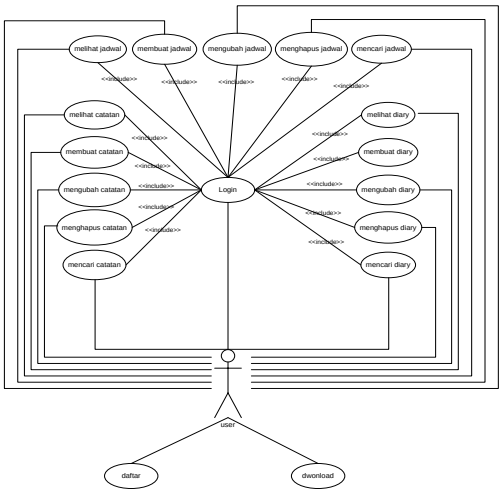
2.2 Analysis

The system will be made a personal organizer system will be applied in one mobile device is a

mobile phone. The design of this program started from analyzing the software and hardware that will be used, the design of the system (process), the design of the display, until the determination of hardware specifications that will be used to implement this program. The basic idea of this system is the number of people who want something practical to record all personal purposes. Because for so many people who are disadvantaged simply because of forgetting important appointments, important events, or other important things. Organizer has many services on mobile phones. But in making this system organizer stored on the server so that users can store more data. In addition, the organizer is very useful for users who have mobile phones that support java but do not have organizer.

2.3 Use Case Diagram

Image 1. Use Case diagram



2.4 Design

1. Class diagram

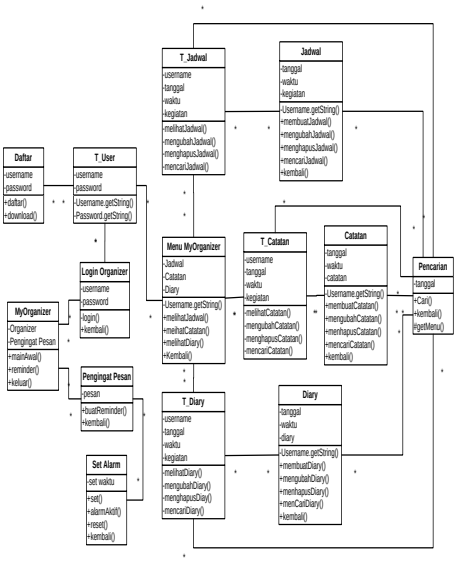


Image 2. Class diagram

2. Relation scheme

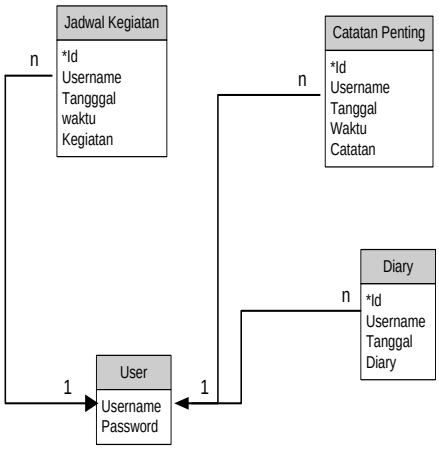


Image 3. Relation scheme

3. User menu structure

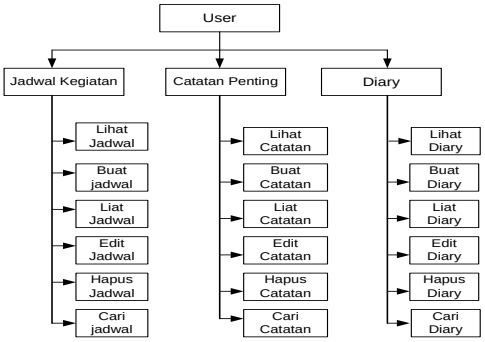


Image 4. User menu structure

2.5 Implementation

The software used in building this website is as follows:
-Operating System Windows XP, SP2
-J2SDK (Java2 Software Development Kit) version 1.4.2.
-Netbeans IDE 6.8
-Sun java SDK-3 to 0 win.
-Jdk-6u13-windows-i586-p.

1. Web interface



Image 5. Web interface

1. DisplayMyOrganizer

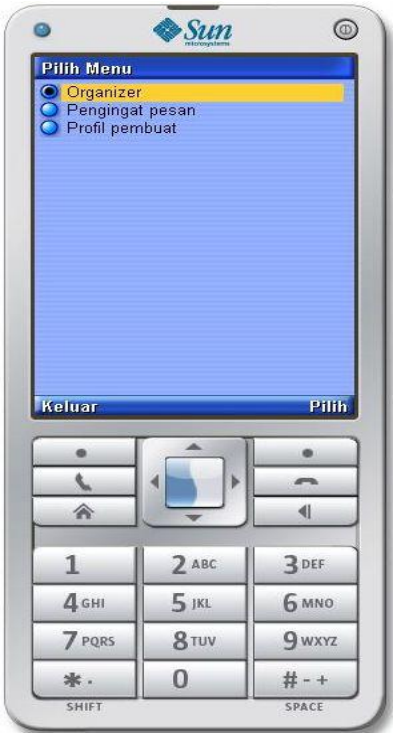


Image 6. Display MyOrganizer

1. Display Login



Image 7. Display Login

2. Display Menu Organizer

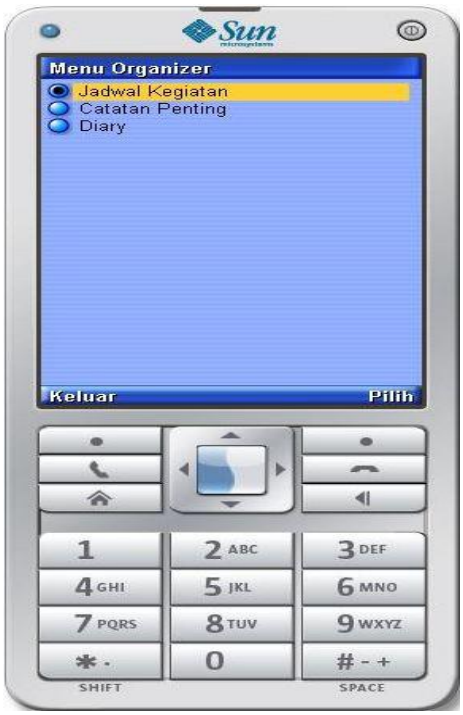


Image 8. Display Menu Organizer

3. Display Reminder Message



Gambar 9. Tampilan Reminder message

4. Display Manufacturer Info

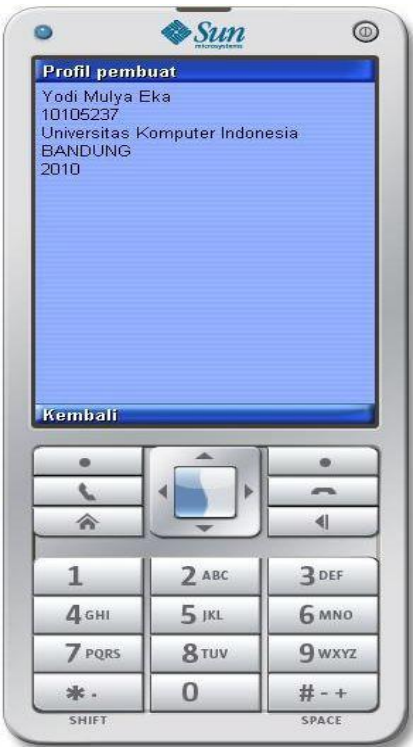


Image 10. Display Manufacturer Info

3.RESULTS AND DISCUSSION

As a private myorganizer
Can facilitate the schedule of data storage, important notes, and diaries.
Existence myorganizer facilitate access personal information.

4. CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

The conclusion that can be taken after the stage - stage of development of personal MyOrganizer, is that the existence of this Privacy MyOrganizer:

1. Storage media can be

2. Can facilitate in obtaining personal information
3. Can facilitate the documenting of personal data secure

4.2 Advice

Final project that has made this still has many shortcomings. Therefore in the future is expected to be developed with more interesting applications and more beneficial to the owners of Java-based mobile phone. And it is expected that the application does not require a fee. If you want to continue this system, can be made more interesting is where the date is on schedule, notes, or diary given in bold or underlined. And made monthly view, weekly, or daily. It can also be made a reminder message from the server, if there is a specific date schedule of activities.

5.REFERENCES

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