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Communication Implementation over Various Users of different Domains using Simple Messaging System

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Abstract: The SMS Messenger application user can save the mobile contact number and their information, in case they want to send repeatedly. The user can view the contacts and also edit and delete the contacts if they need. Sending messages is easy from this application. The user wants to view sent history information also he/she can view. The user can edit the profile, and he/she can change the password. The user can send SMS to different SMS gateways.
Keywords: SMS, gateway, message, communication, send, contacts, user

I. INTRODUCTION

This paper primarily aims Sending SMS from Application to person. The SMS Messenger System is used to send SMS to particular person or group of people at a time. This system can be used by any person by individual or organizations to send SMS through Computer Systems. This system is used multiple areas like organizations, colleges, etc.

II. WHAT IS SMS?

SMS stands for short messaging service; it is a low cost messaging solution. SMS is defined as text messages sent to mobile phones. In recent months SMS has become synonymous with any text message sent to a cell phone. SMS is a wireless service that allows individuals to send text messages with wireless devices such as mobile phones and Computers.

III. ADVANTAGES

A. An SMS message can reach a receiver wherever they are.
B. You can send individual messages or group messages.
C. If the cell phone is off or out of signal range, the message will arrive at the recipients phone if it is switched on or receives signal within 48 hours of sending.
D. SMS can be stored for use at a later stage.
E. SMS message can be send minimum of cost.
F. Sender sending messages will goes straight to the recipient's mobile phone.
G. SMS can be easily tracked using the delivery reports. You are able to see which messages were delivered to which mobile numbers.

IV. THE FUTURE OF SMS

SMS will continue to grow as part of the telecom industry. As software processes become more complex users will exploit text messaging capabilities in order to allow for additional mobility in the workplace..SMS is a popular communication channel. On certain special days of the year, such as New Year Day or Valentine's Day, SMS usage volume can increase dramatically.

V. HOW TO USE (Working Of The Project)

This Application can be used by a single user (admin).his/her profile would be stored in system when take over this application. Profile information should be user full name, mobile number, date of birth, address, username, and password etc. If farther he/she changes the profile can change easily. Using this system first user can login with his username and password. After that main page will be appear. In the main page menu items are Home, Contacts, SMS, and in the end of the menu bar witch user can be logged in he/she full name will be appear as a menu items are Change password, Profile ,and Logout.
The user has a facility to add new contacts, delete contacts, and also edit the contact and their information they need. If the user doesn't need to add Contact information they can directly send SMS by enter mobile number and message to send SMS.

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The user wants to see SMS history he can do by using sent history menu item in the SMS menu in the menu bar. And also selects a date in the date picker to see particular date sent history.

This is a home page, the user has to view this first and enter their username and password to login as shown in fig. 1

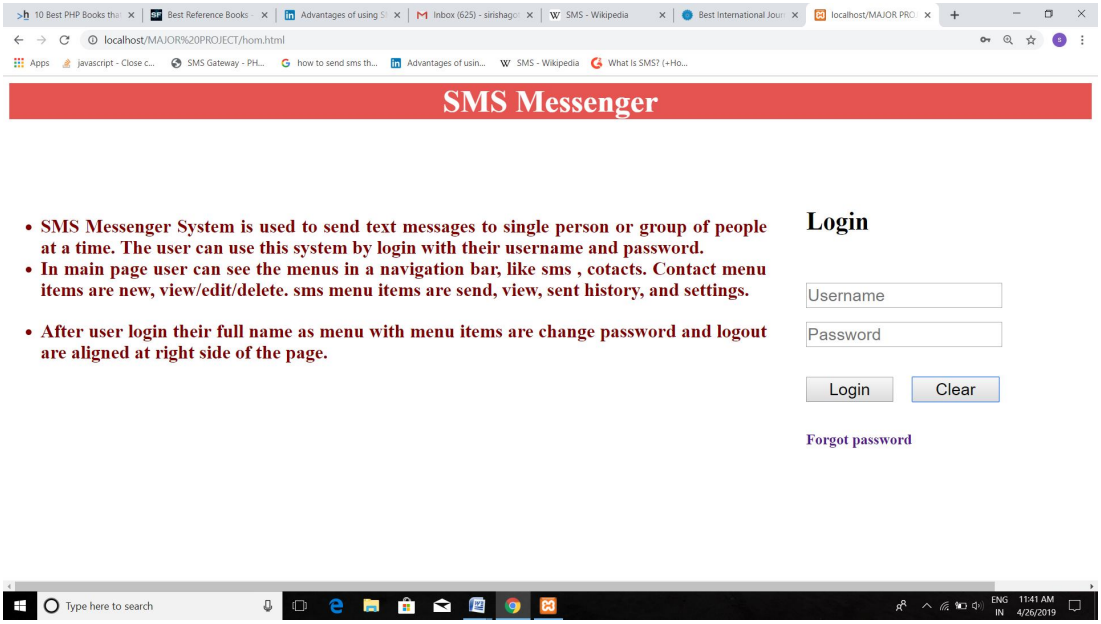


Fig. 1 Home page

This is a main page (Fig.2), contains all the menu items and to choose contacts option is there to choose contacts.

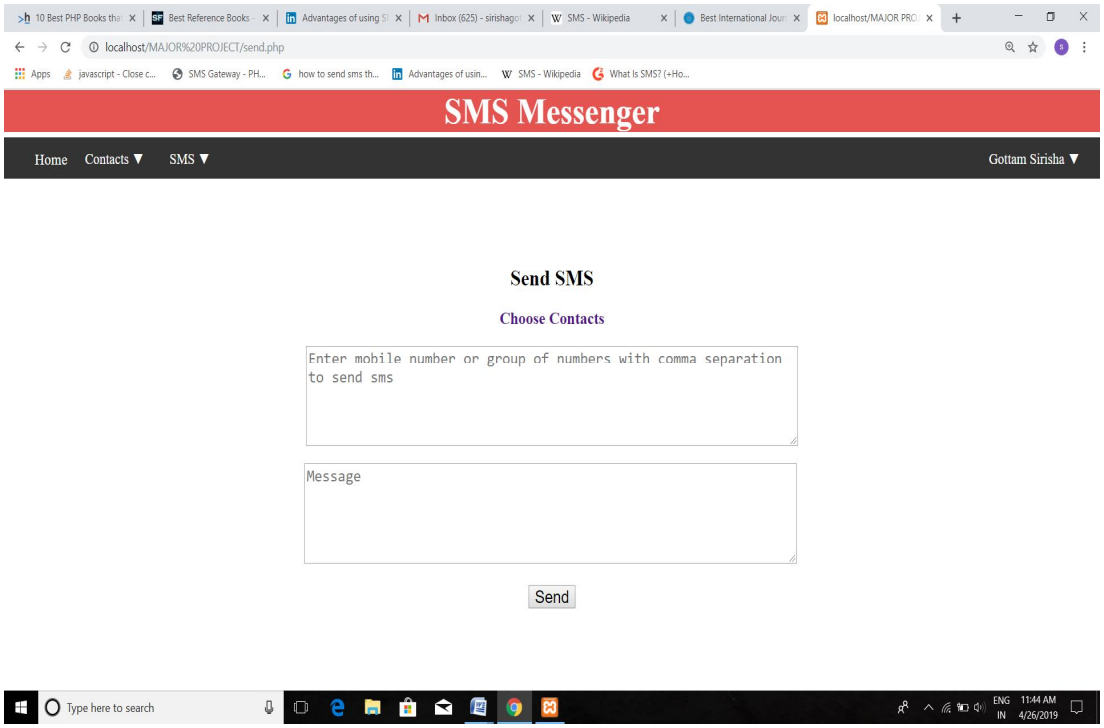


Fig. 1 Main page

This page is used to save the contacts in a database in an organized way if the user wants to delete or edit the contact he/she can do. if user doesn't give the contact number, contact doesn't save the contact as shown below.

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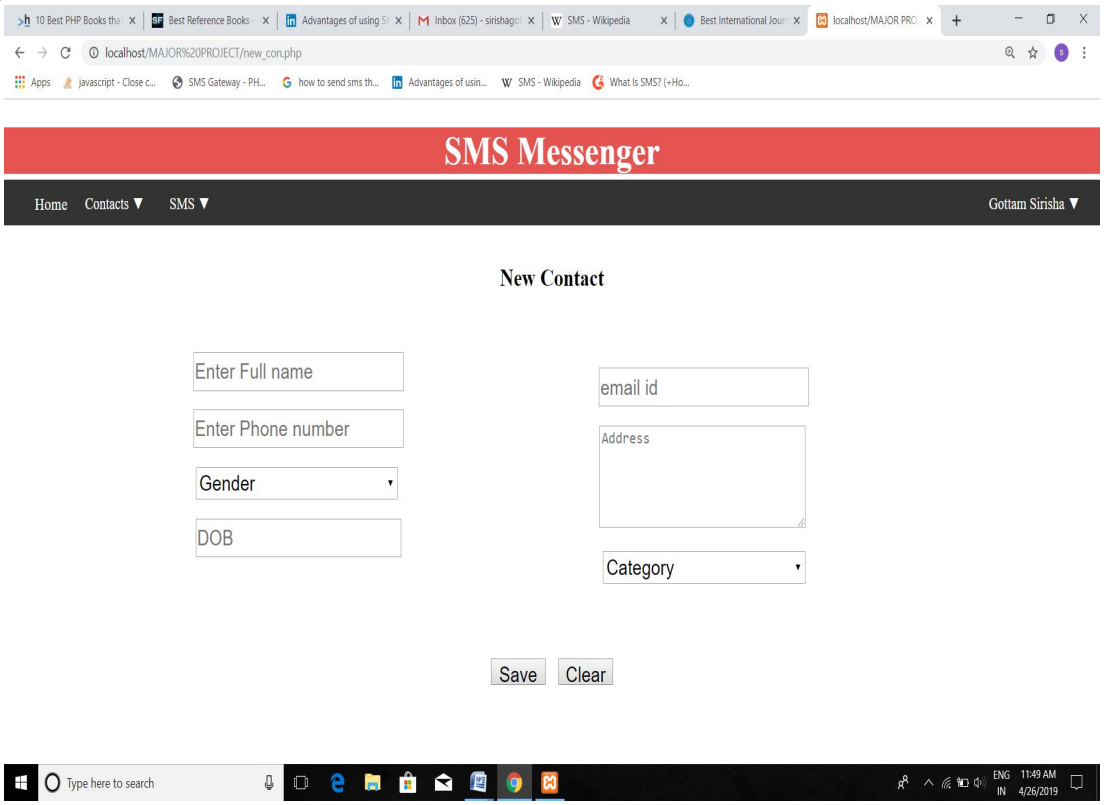


Fig. 3 Add Contacts

The user has a facility, *choose contacts* option to view the saved contacts, and selecting those contacts, which contacts are selected by user those are placed in textarea input field dynamically, those people receive the message as shown below.

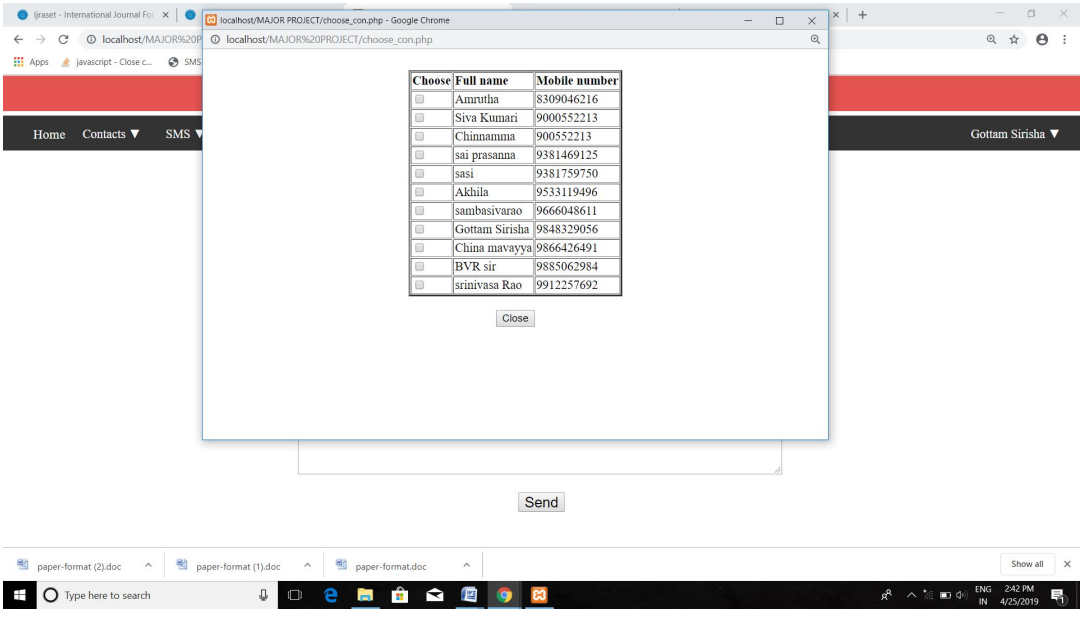


Fig. 4 Choose contacts

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Fig. 5 shows the sent history information

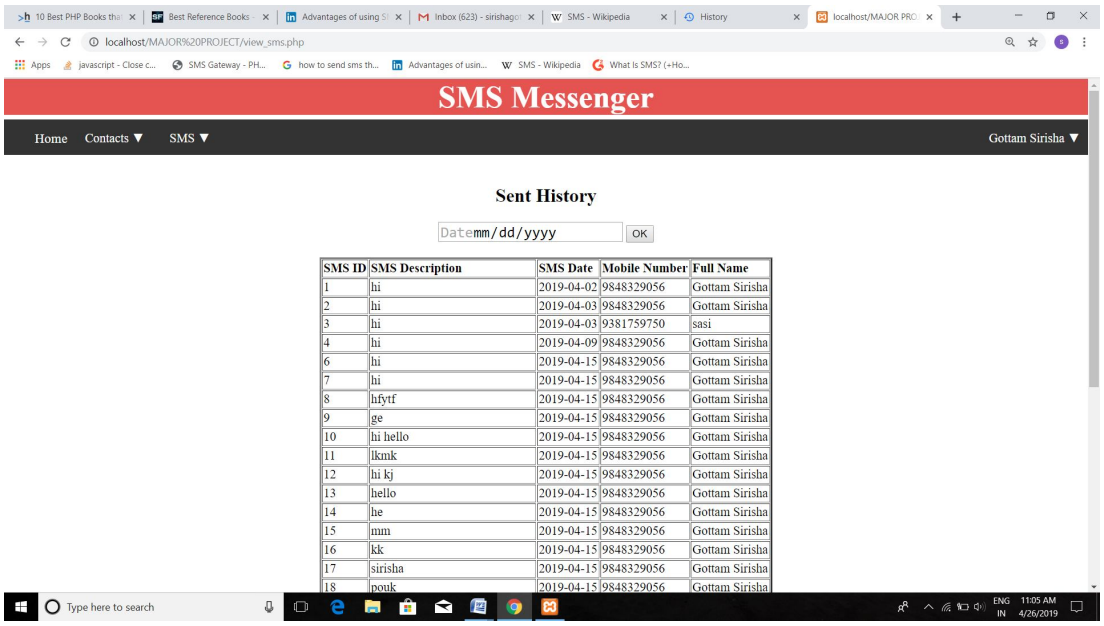


Fig. 5 Sent history

VII. WHY THIS SYSTEM IS DEVELOPED

A. SMS is a powerful tool for sending and receive text messages. So real world, many people using SMS to transfer message from sender and receiver. In this reason this application can be developed.

B. This application should be user friendly, common people also can easily use.

C. By using this System which people receive the SMS those people mobile number and description will be saved in the database, user can see sent history option.

D. By using SMS Messenger application receiver's mobile numbers are not hacked by any third parties. Receiver numbers are stored only users personal computers.

E. In some applications like way2sms users can send messages up to 9 people at a time.

F. A number of web applications are using SMS to notify people about their information.

VI. ADVANTAGES OF USING THIS SYSTEM

A. This Application can be used in multiple areas, where SMS can be passed between computer to Mobile phones.

B. This Application can also track the history of sent messages with recipients name and mobile number

C. This System can be used in multiple browsers like Google Chrome, internet explorer

D. By using this System Phone numbers are not misused by any third parties.

E. By using this System Sending message to any number of people at a time.

VII. TECHNOLOGIES USED

PHP with backend as a MySQL are used.PHP is a server-side programming technology that can be used to create dynamic web pages for building Web-based applications.

VIII. ADVANTAGES OF PHP

A. PHP stands for Hypertext Preprocessor.

B. There is a facility to separate visual content and logic will be written in the same PHP page.

C. PHP is a server-side scripting language like ASP.

D. PHP supports various databases like MySQL, Oracle, Sybase, Solid, PostgreSQL, Informix etc.

E. PHP is an open source software and it is free to download and use.

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IX. CONCLUSIONS

SMS Messenger application can be used in any SMS message sending areas. This application can be used in business use also, By using this application message can be send to group of people at a time. To sending messages to persons who are necessary to communicate with the system is to maintain the database of the people in terms of SMS and store in a an organized way. The system provides to track the different communications done in different systems.

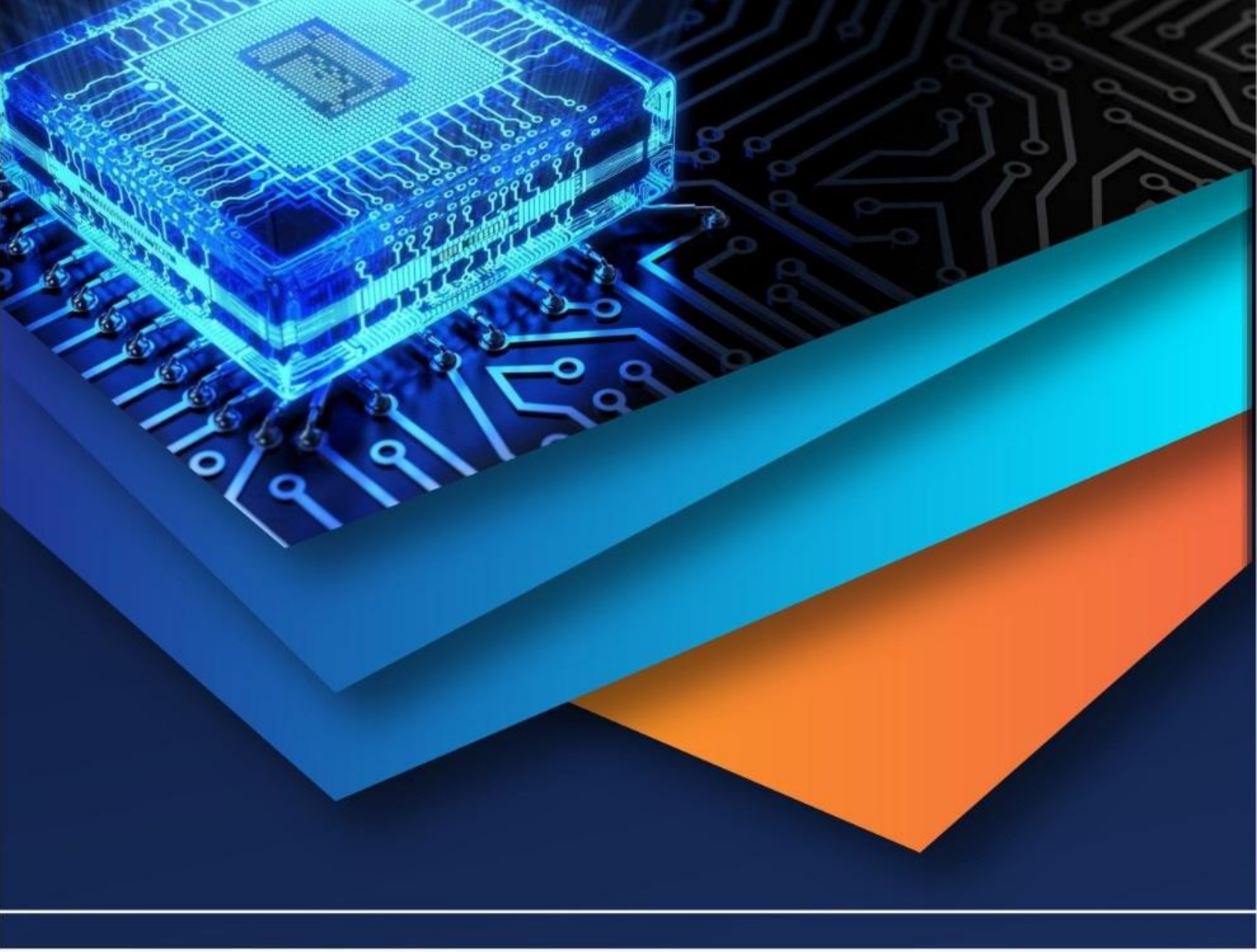
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