

User Manual

MNC

(MESSAGE NOTIFICATION CENTRE)

Product by:

SEN Group #5

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1. General Information

1.1 Introduction:

1.1.1 Overview:

SMS Notification via webmail is facility that allows one to receive SMS alerts for new mails in webmail inbox. The product has user friendly user interface, and well documented help in form of both frequently asked questions and User Manual.

1.1.2 Product Scope:

In addition to the basic functionality as mentioned above, an incremental development would include reminder system for the scheduled tasks on the calendar.

1.1.3 Product Perspective:

This is a project follow-on member in some sense to the existing 71 Zimlets that have been developed by various institutes including Zimbra itself.

The text sent in the SMS¹ would primarily contain information about the subject, and sender name at which mail has been sent. This project has been inspired from the SMS functionality provided by various email vendors. The motivation, however is to prompt the students to check their webmail accounts for events that require

¹

SMS stands for Short Message Service

urgent attention. True to the present day, neither does Zimbra provide any such in-built facility, nor has any other person-individual or part of any organization developed any dedicated zimlet or an application to serve the purpose.

The project is universal in its approach in that the benefits of the application are open to the faculty and the administrative department in addition to the student community at the University.

Focus of the project is on help the user check the webmail as and when required. Zimbra being available as an open-source code, any development made within the Zimbra environment would have its code freely available to all both for use and for further development. Any institute, that uses Zimbra as its mail client-server can use the project under consideration. However, the team intends to hold back to itself the copyrights of the current project developed.

1.2 Definitions and abbreviations:

- SMS : Short Messaging Service
- MNC : Message Notification Centre
- DA-IICT: Dheerubhai Ambani Institute of Information and Communication Technology

Definitions:

- Zimbra:

2. System Summary

2.1 User Requirements:

They are no such requirements for user to fulfil. The basic system requirements that a user's system should have are:

- Internet support
- Internet connection
- Browser
- Mail account in ZIMBRA
- A mobile phone

3. GETTING STARTED

3.1 Introduction to ZIMBRA Desktop:

3.2 How to register to get SMS notification?

To enjoy the facilities provided by this software first you need to have an account, by logging in which you can change your settings according to your changing needs. But, the big question is how to make an account or how to register yourself? To register, all of you need to have a mail account in the mail service system which has been supported by ZIMBRA, in which this Zimlet has to be installed (in this case, this Zimlet would already be installed in each student's mail

account). After logging in to your **mail account**, you are supposed to follow following steps:

1. Take the mouse pointer to the extreme left of your home page and you'll see an option of 'Zimlets' click it open if it's not already showing you the options under it .
2. You'll see a zimlet called "**SMS settings**", which will than direct you to the **Login page** where you can see a button with "Register" written on it. Left clicking on it will take you to the page where you can register yourself.
3. Now follow the guidelines and provide the information as it is asked like your username, your Mobile no. (the number on which you would like to receive your SMS's) and the password* .
4. Now after providing all the information and pressing submit you'll be redirected to the page where you'd have to enter the confirmation code, which has been sent to you on the mobile no. that has been provided by you in the mobile no. field.
5. In case you don't receive a confirmation code, left click on resend button again in order to send the confirmation code again (You can resend the code only 5 times in two hours).
6. Entering the confirmation code at the confirmation code field and left clicking on the submit button will activate your account in the MNC (Message Notification Centre) and this action will direct you to your home page.
7. Now after following all these steps you have an SMS settings account and you can Login in this account anytime you want to change your message receiving settings.

3.2.1 Constraints on the Password:

The password for the Zimlet account should be same as that of his/her mail account password.

3.3 How to Login?

Now that you have your account after registering to the SMS settings Zimlet you can login in your account whenever you need to change your settings. It's very easy to login in your account; all you have to do is follow following steps:

1. Sign in, in your mail account and on the leftmost side of your home page you'll see a panel and on it, an option called "ZIMLETS".
2. Left click it open, if it's not already showing you the options under it.
3. Now you can see a ZIMLET called 'SMS settings'.
4. Left clicking on it will direct you to the Login page.
5. There you can see many options like Login, Change password, register, FAQ's and unregister.
6. Left clicking on Login button will open up the page where you can Login in your account by providing the username and password and left clicking on sign in button.

3.4 Introducing new added features:

3.4.1Filtering option:

3.4.1.1 What is Filtering option?

This feature has been deployed to enable you to deselect the 'kind-of' mails for which you don't want to receive any SMS notification. By 'kind-of' mails we mean to say, mails from a particular user or a mail related to particular subject.

3.4.1.2 How to use it?

Steps to follow, in order to set filters:

1. After logging in to your mail account, go to the 'ZIMLETS' and left click on it if it's not already showing the options. You'll see the options of all the Zimlets that are installed in your account.
2. Now click on the SMS settings zimlet, which will open a page where you'd see options like login, change password, register, unregister and FAQ's. Left click on "login" if you already have an account and "signup" if you haven't made an account yet.
3. After logging in, by default settings option will open up. You can have different settings that you need by changing the value of require fields. If you are on some page other than settings, on left clicking on the settings, it'll open up the page where you can select different values for different fields to change your account settings according to your convenience.
4. On the settings page you'll see the fields "Username or email address" and "Subject Keyword":

Username or email address:

- You can enter the usernames here, for whose mails you don't want to receive a SMS.
- All you have to do is to enter the username in the username field and left click on add. All the username that you keep adding will be visible to you on the left blank space of Exclude by Username part.

- If you want to unblock the user than all you have to do is select the username who has been blocked and left click on delete.

Subject Keyword:

- You can enter the subject names here, related to which you don't want to receive a SMS.
- All you have to do is enter the subject in the subject field and left click on add. All the blocked subjects would be visible to you on left blank space of Exclude by Subject keyword part.
- If you want to unblock the service for the mails related to a particular subject, than select the subject that has been blocked and left click on delete option to unblock the service.

5. Now you won't receive the SMS's for the mails from the specified user and the mails related to the specified subject.

3.4.2 FAQ's section:

This section is to make it easier for user to get the answers of the questions that are asked very frequently and it's pretty common for a user to come across some of them. So by referring to the FAQ's, he/she might be able to find the solution for the problem that they are facing.

Along with it, a downloadable link of 'USER MANUAL' has also been provided for further reference. FAQ's section is accessible from both the main page of MNC as well as that of a user's home page.

3.5 How to change Mobile No.?

To change the mobile no. on which you want to receive the SMS's for received mails all you have to do is:

- Unregister yourself.
- Register yourself with a new no.

3.6 How to change password?

The condition where you want to change your password will only occur to you in the case where your mail account password has been changed. To change the password you have to follow following steps:

1. After logging in to your mail account, go to the 'ZIMLETS' and left click on it if it's not already showing the options. You'll see the options of all the Zimlets that are installed in your account.
2. Now click on the SMS settings zimlet, which will open a page where you'd see options like login, change password, register, unregister and FAQ's.
3. Left click on change password button which will open up the page where by providing the required information like username, old password, new password and confirm new password you'll be able to change your password.

3.7 How to Unregister?

To make our feature much more flexible and much more user friendly, we've even deployed an added feature of unregistering yourself whenever you want. Registering again would activate your account once again. To unregister yourself you have to follow following steps:

1. After logging in to your mail account, go to the 'ZIMLETS' and left click on it if it's not already showing the options. You'll see the options of all the Zimlets that are installed in your account.

2. Now click on the SMS settings Zimlet, which will open a page where you'd see options like login, change password, register, unregister and FAQ's.

3. Left clicking on Unregister option will take you to the page where by entering your username and password, you'll be able to unregister yourself.