

Fun2SMS.com

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BCR3054

ELECTRONIC COMMERCE LAB 2

Final Year Project

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ACKNOWLEDGEMENT

First of all, we would like to say a big thank you to Mr. Rozaini for giving us guidance throughout the whole semester. We always bother him to seek advice from him but he never failed to explain every single step to us.

Next, we would like to thank our supervisor, Madam Rathimala Kannan for giving us opinion and guiding us in our project. Without her, we could not finish our project successfully.

We would like to thank **Mobitek System Sdn. Bhd.** for their kindness to lend us their modem for our project.

Last but not least, a million thanks to our friends for lending their helping hands and giving us support in our project. Thanks for spending your precious time teaching us the complicated programming language.

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MISSION & VISION

Fun2sms is a company that provides free short service messages (SMS) to the users. Our mission is to provide the best SMS service to user by having the motto "F.U.N" which means Free, Updated and New. We provide Free SMS service that guarantee friendly and safe environment for user to communicate using our site. We also provide most Updated events and information for user and lastly we provide "New" mobile content downloads for user to have the newest mobile content. We believed our service is useful for mobile phone users that run out of battery and credits. For vision, we are moving along with the concept of Vision 2020 which is to bring our country more developed. We are looking forward to expand our service to other countries in the Asia.

USER MANUAL

Introduction

Fun2Sms.com is a company that enable users to send short message service (SMS) using the webpage. The service is totally free and useful for those who wanted to send an SMS but their phones run out of battery or credits. In order to send SMS using that webpage, user need to be a member before using the service. User need to register and log in as a member to send their SMS. As user has logged in, they could read the SMS reply in the webpage as we provide an inbox and outbox service for them. In addition, we provide an address book for the user. This can help the user to store and browse their contacts easily without finding their contact number in their physical telephone book.

Other than sending SMS, we provide useful and interesting information and data for user. First of all, we provide downloads for the most update mobile content for the user. For example, ring tones, wallpaper and java games. Besides, we updated the user with the newest mobile phone and gadgets in the town. Other than mobile related information, we also included entertainment news for user to know the most updated news and gossips in the entertainment world. We also provide interesting facts such as beauty and health tips which educate the user how to take care of their skins, hair, how to make up, homemade remedies and how to stay healthy in their life. We also provide monthly horoscope for user to know their situation and luck for that particular month. Moreover, we also included updated events in the town for user not to miss out. For example, the events happening in shopping complex, PC Fair, and some nightlife events that happening in the town.

Fun2SMS.com
Welcome, Guest
Contact Us | Feedback | Sitemap | Logout

Send SMS

Mobile Number : (eg. 0129988776) [Address Book](#)

Message :

160 characters remaining

[Send](#) [Cancel](#)

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Terms & Conditions, Privacy Policy and Disclaimer
Site is best viewed at 1024x768.

What's HOT?
Beauty and Lifestyles
Catch some tips and guidance on how to ensure our health and fitness.

iPod Nano
only **RM 599**

Comic Download

Figure 1: Layout for Main Page after Login

Benefits

Easily Accessible – Users just need to login with password in order to access to the website. After login, users can easily send and receive SMS using the website. They do not need to pay any royalty or licensing fee.

Always Updated – Users are always updated with new events around Malaysia. Eg. updates & promotions.

Informative – This website provide sufficient information about personal lifestyle. Users can always get detail information about those tips or interesting facts. Eg. Horoscope, handphone & gadgets and beauty & lifestyle.

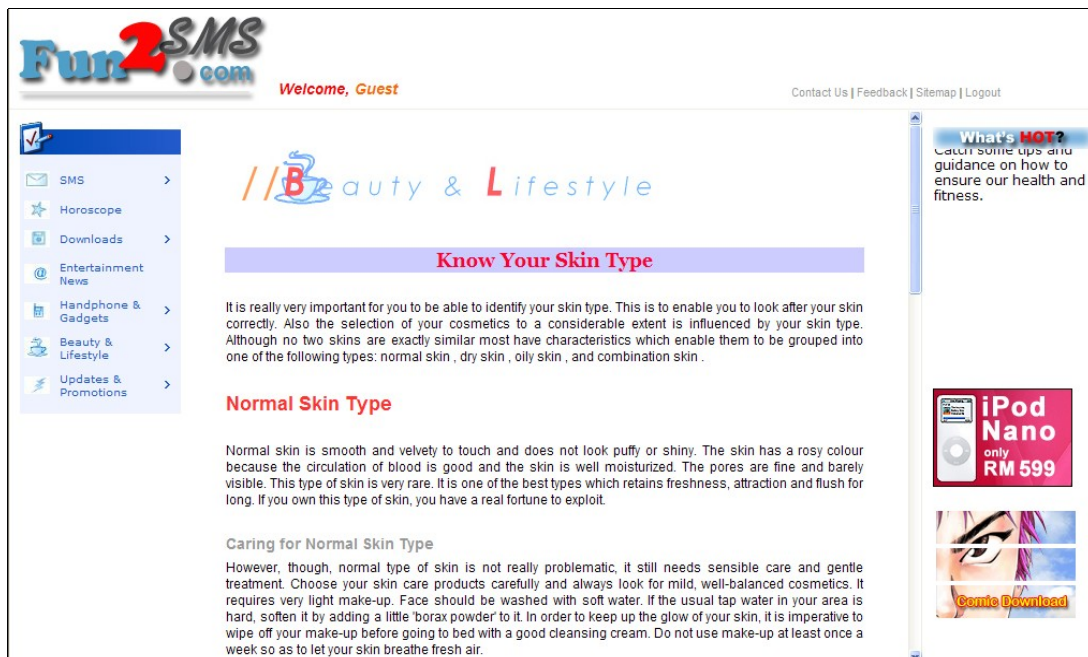


Figure 2: Example Updated Information

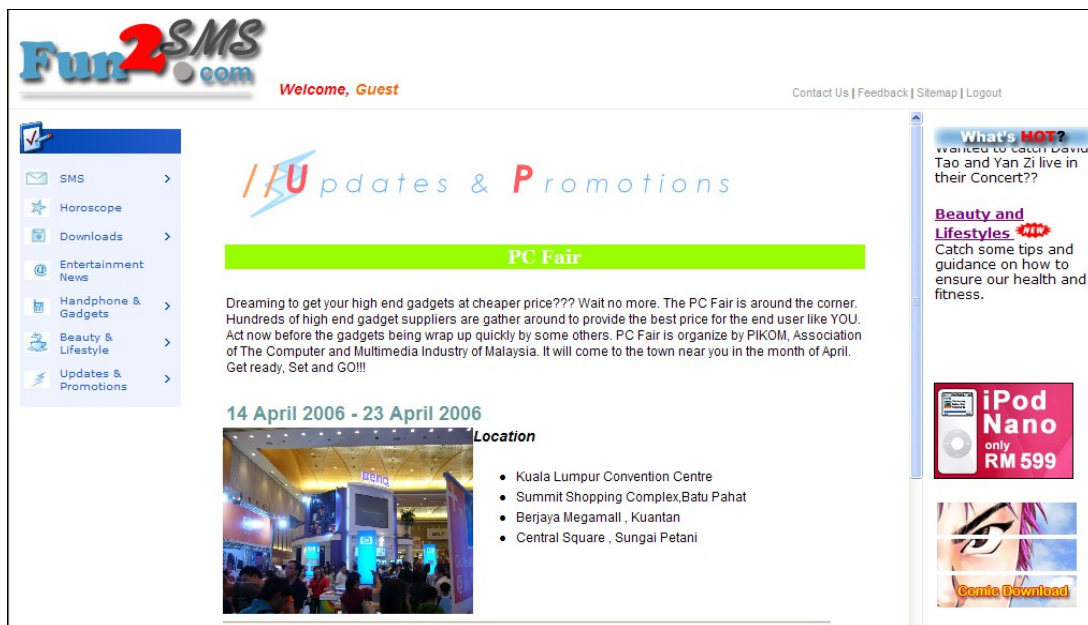


Figure 3: Example Updated Information

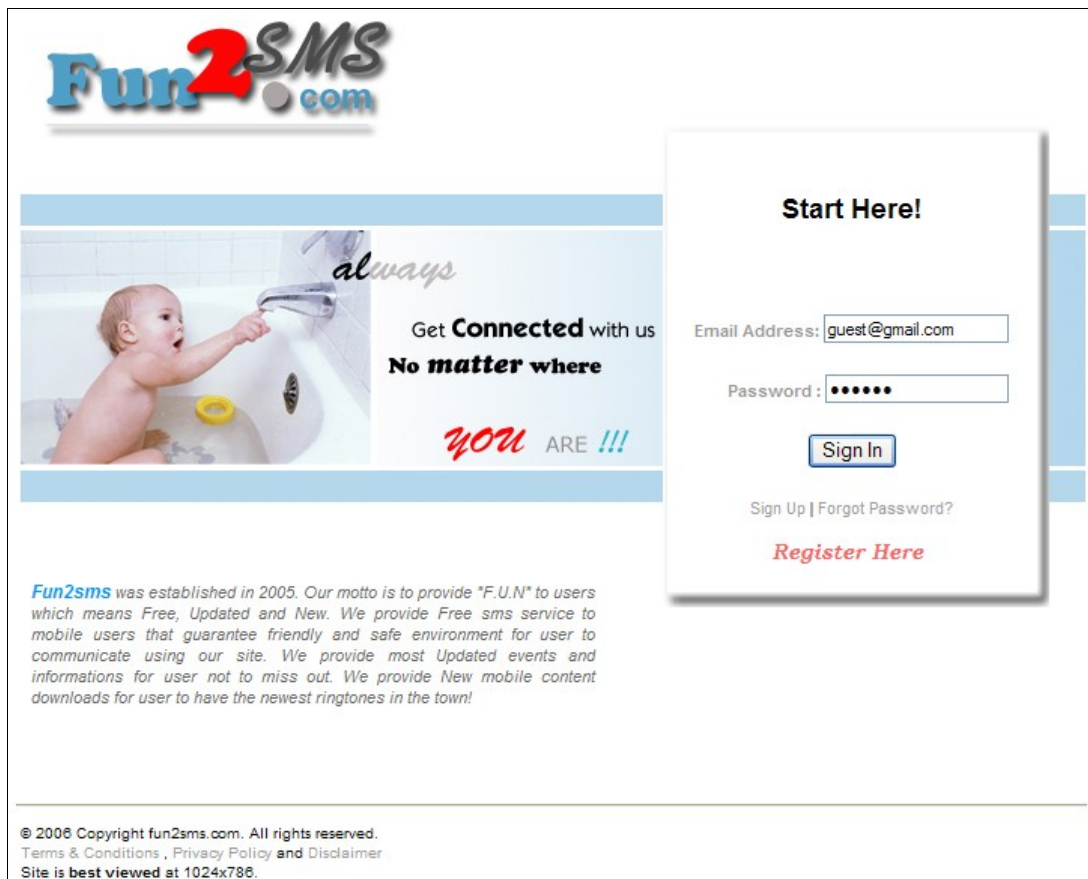
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Features

1) Login System

- 1.1) **Login with password** – allow user to login to the website before using the services. Users have to type in the registered email address and password to sign in. After signing in, user will redirect to the main page where his/her name will display at the top page. If the password is wrong, then it will display a message “Wrong Password”. If the user is not register and try to login to the page, then it will show a message “Failed to Login”.



The screenshot shows the Fun2SMS.com index page. At the top is the logo "Fun2SMS.com". Below it is a banner image of a baby in a bathtub with the text "always Get Connected with us No matter where you ARE !!!". To the right of the banner is a "Start Here!" login form. The form contains fields for "Email Address:" (with "guest@gmail.com" entered) and "Password:" (with "*****" entered). Below these fields is a "Sign In" button. Under the button are links for "Sign Up | Forgot Password?" and a "Register Here" link. At the bottom of the page, there is a paragraph of text about the site's history and mission, followed by a footer containing copyright information and links for "Terms & Conditions", "Privacy Policy", and "Disclaimer".

Fun2SMS was established in 2005. Our motto is to provide "F.U.N" to users which means Free, Updated and New. We provide Free sms service to mobile users that guarantee friendly and safe environment for user to communicate using our site. We provide most Updated events and informations for user not to miss out. We provide New mobile content downloads for user to have the newest ringtones in the town!

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Terms & Conditions , Privacy Policy and Disclaimer
Site is best viewed at 1024x786.

Figure 4: Index page – Login page



Figure 5: Main top page – display user name after login

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Get Connected With Us





always

Get **Connected** with us
No matter where

you ARE !!!

Start Here!

Wrong Password!

Email Address:

Password:

[Sign Up](#) | [Forgot Password?](#)

[Register Here](#)

Fun2sms was established in 2005. Our motto is to provide "F.U.N" to users which means Free, Updated and New. We provide Free sms service to mobile users that guarantee friendly and safe environment for user to communicate using our site. We provide most Updated events and informations for user not to miss out. We provide New mobile content downloads for user to have the newest ringtones in the town!

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[Terms & Conditions](#) , [Privacy Policy](#) and [Disclaimer](#)
Site is best viewed at 1024x786.

Figure 6: Indicate that user type in wrong password

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The screenshot displays the Fun2SMS.com website interface. At the top left is the logo 'Fun2SMS.com'. Below it, a banner features a baby in a bathtub with the text 'always Get **Connected** with us No **matter** where you ARE !!!'. To the right, a white login box titled 'Start Here!' contains a red error message 'Failed to Login!'. Below this are input fields for 'Email Address:' and 'Password:', followed by a 'Sign In' button. Links for 'Sign Up | Forgot Password?' and a red 'Register Here' link are at the bottom of the box. A paragraph of text about the site's mission is located below the banner. At the very bottom, a copyright notice reads: '© 2006 Copyright fun2sms.com. All rights reserved. Terms & Conditions , Privacy Policy and Disclaimer'.

Figure 7: Indicate that user login failed – user not register to the webpage

- 1.2) **Member's Registration** – allow user to register to the website before signing in. Users have to fill in all the information that required. They have to make sure that the email given is valid. The input for email address and confirm email address field must be same. If user type in different email address, a message box will pop up to indicate that the user has type in different input value. If the password and confirm password field are in different input, a message box will pop up to indicate that the user has key in different password. Both field (password and confirm password) must be the same input in order to register. Click "Submit" button to send in the registration form and it will direct user to a confirmation of registration page. The "Reset" button is use to clear the form. User will unsuccessfully register if the email that they key in is already registered previously.

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Let's Get Started!

Please enter all the required information below.

First Name :

guest

Last Name :

guest

Gender :

☐ Male ☒ Female

Mobile Number :

0129009066

eg. 0129009066

IC Number :

800910036272

eg. 800910036272

Email Address :

guest@gmail.com

Confirm Email Address :

Password :

Confirm Password :

Send Registration
Fill in the form and click here to continue

Submit

Reset Form
Want to reset the form?Click here

Reset

Figure 8: Registration form

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/ / M e m b e r R e g i s t r a t i o n

Let's Get Started!

Please enter all the required information below.

First Name :

Last Name :

Mobile No :

IC No :

Email Address :

Confirm Email Address :

Password :

Confirm Password :

Send Registration
Fill in the form and click here to continue

Reset Form
Want to reset the form?Click here

Submit

Reset

Microsoft Internet Explorer

 Email and Email Confirmation Did Not Match

OK

Figure 9: Registration form – validation check on email address and email confirmation

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Let's Get Started!

Please enter all the required information below.

Microsoft Internet Explorer

 Password and Password Confirmation Did Not Match

OK

Mo066

IC Number : eg. 800910036272

Email Address :

Confirm Email Address :

Password :

Confirm Password :

Send Registration
Fill in the form and click here to continue

Reset Form
Want to reset the form?Click here

Submit

Reset

Figure 10: Registration form – validation check on password and password confirmation

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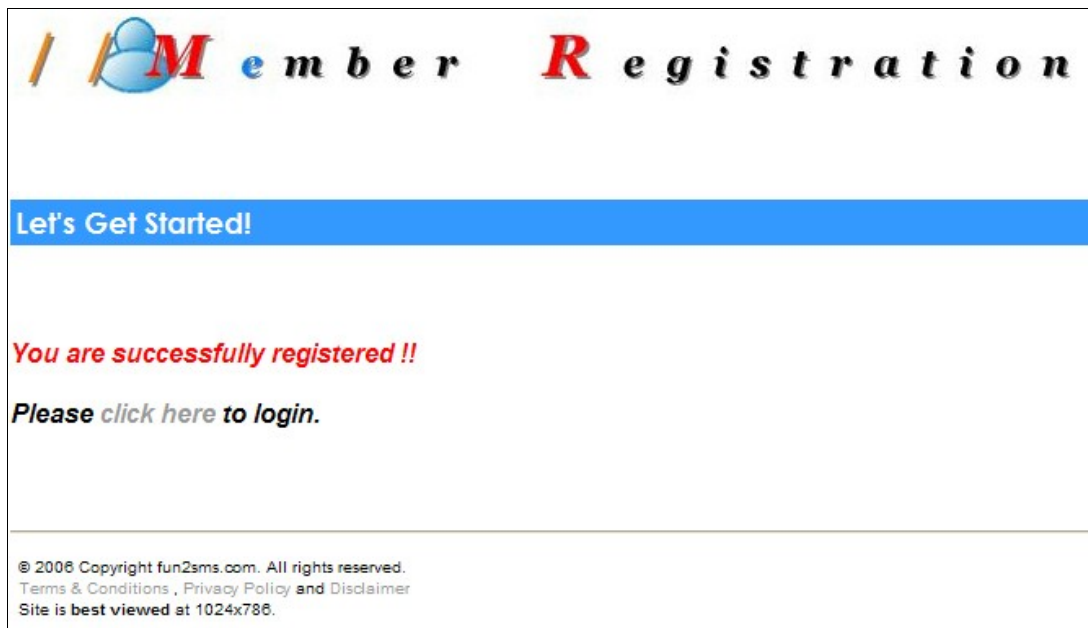


Figure 11: Successfully Registered

- 1.3) **Password Retrieval** – retrieve the password if user lost their password. Users are require to type in their email address. Click "Send" button and the password will be send to their mailbox immediately or "Reset" button to clear the field.

A screenshot of the Password Retrieval form. The form has a light blue background and a title "Please Enter Your E-mail Address to Retrieve your Password". Below the title, there is a label "E-mail Address :" followed by a text input field containing "guest@gmail.com". Below the input field, there are two buttons: "Send" and "Reset".

Figure 12: Retrieved Password

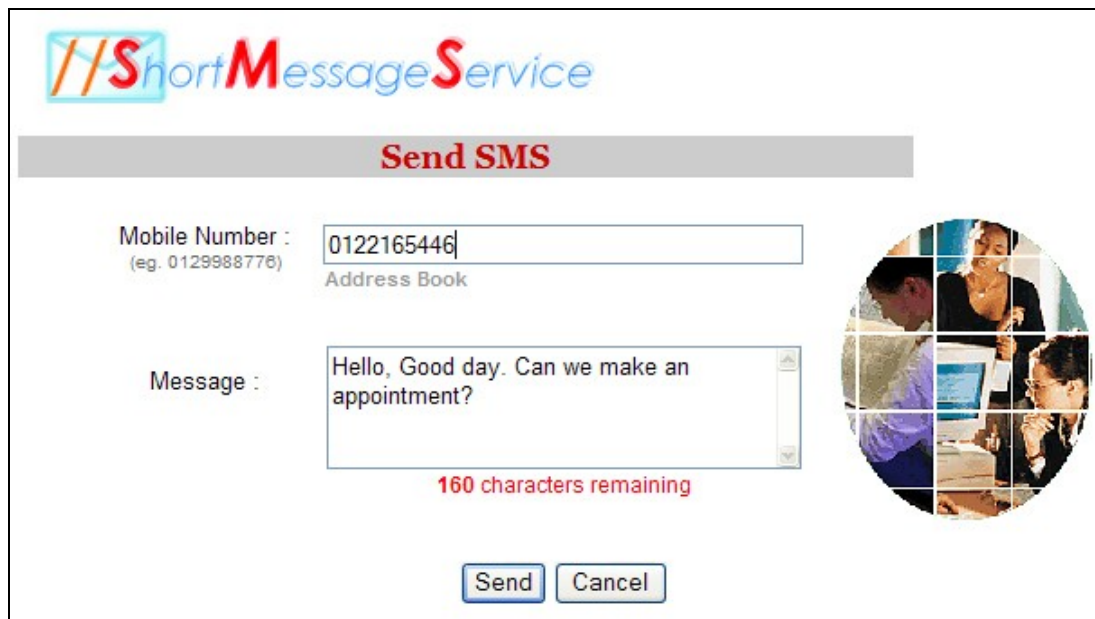
A screenshot of a confirmation message box. The text inside the box reads: "Your Password has been email to guest@gmail.com".

Figure 13: Password sent to registered email address

- 1.4) **Logout** – signing out of the page. Users require to logout from the website after browsing. It will redirect users back to the index page.
- 2) **SMS system**

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Send SMS

Mobile Number :
(eg. 0129988776) [Address Book](#)

Message :

160 characters remaining

Figure 14: Send SMS

2.1) **Send SMS**

- 2.1.1) **Send** – allow users to send out SMS. Users have to type the recipient's mobile number and messages into the textbox. 160 characters are allowed to type for the message box. Click "Send" button to send out the SMS or "Cancel" button to reset the textbox.
- 2.1.2) **Validation** – there will be a validation check on send button. It will prompt a message box to indicate that the mobile number or message textbox does not have any value.

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Figure 15: Validation check on mobile number textbox

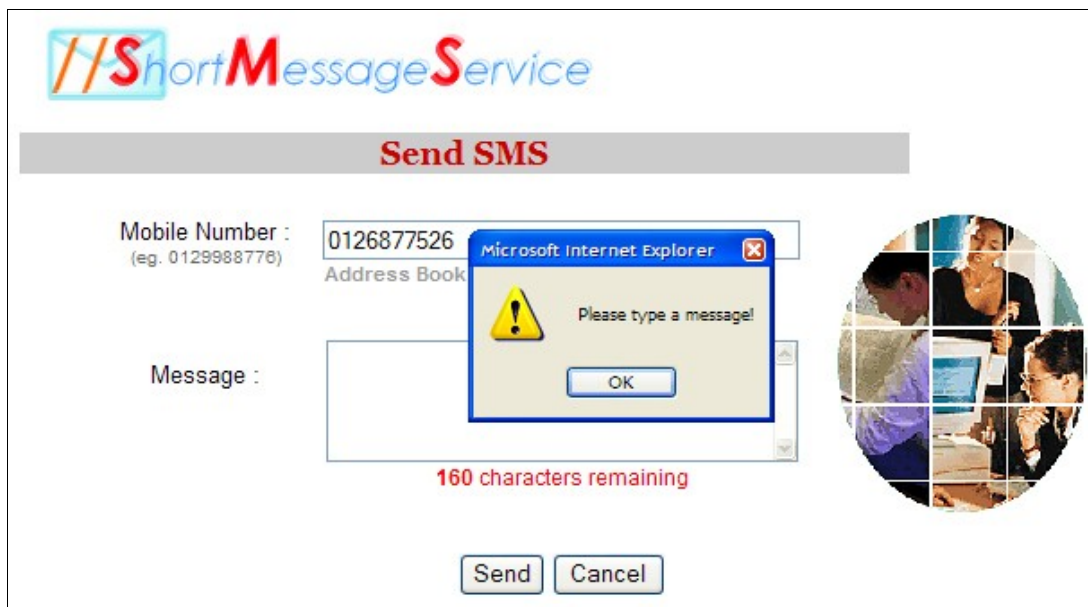


Figure 16: Validation check on message textbox

2.1.3) **SMS Status** – after clicking “Send” button, it will direct user to a page that display the status whether SMS was sent or not send. It will also display the recipient number and message.



Figure 17: SMS status – SMS Sent



Figure 18: SMS status – SMS Not Sent

2.2) **Read SMS**

2.2.1) **Read New SMS** – allow user to read new SMS. Users need to click on the Read SMS link at the menu to review new incoming SMS. It will display the message, sender mobile number, and date and time that the SMS sent by the sender. Users also can read many SMS at one time.

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Figure 19: Read SMS – show message, sender's mobile number & date and time send

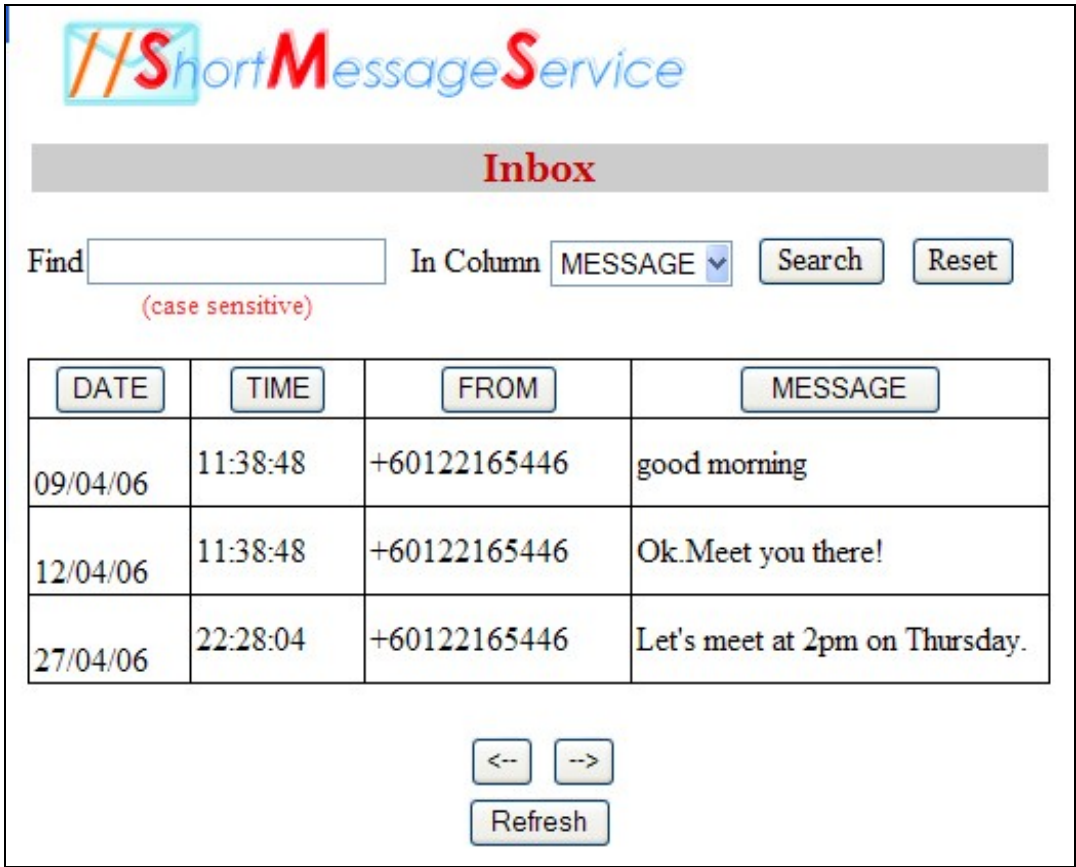
- 2.2.2) **Display No Message Status** – if there's no incoming SMS, the page will display "No Incoming SMS" when they click on the link.



Figure 20: Read SMS – No SMS received

2.3) **Inbox**

- 2.3.1) **Display Incoming SMS** – when user click Inbox link, it will display a table which contain the date, time, from (sender) and message. All messages received will shown inside the table.



The screenshot shows the 'Inbox' section of the Fun2SMS.com website. At the top, there is a logo for 'Short Message Service' and a header 'Inbox'. Below the header, there is a search bar with the text 'Find' and a dropdown menu for 'In Column' set to 'MESSAGE'. There are 'Search' and 'Reset' buttons. Below the search bar, there is a table with four columns: 'DATE', 'TIME', 'FROM', and 'MESSAGE'. The table contains three rows of data. Below the table, there are navigation buttons: '<--', '-->', and 'Refresh'.

DATE	TIME	FROM	MESSAGE
09/04/06	11:38:48	+60122165446	good morning
12/04/06	11:38:48	+60122165446	Ok.Meet you there!
27/04/06	22:28:04	+60122165446	Let's meet at 2pm on Thursday.

Figure 21: Inbox – display incoming SMS

- 2.3.2) **Search and Reset** – user can search a specific message in column Date, Time, From or Message itself and click "Search" button. The "Reset" button is to reset the table originally.
- 2.3.3) **Sort** – users can click the header of each column (Date, Time, From, Message) to sort the table in ascending or descending order.
- 2.3.4) **Page Navigation** – "<" and ">" button are use to view the next or previous page of data in the table.
- 2.3.5) **Refresh** – this button use to refresh the page so that updated data can be shown in the table.

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2.4) **Outbox**

- 2.4.1) **Display Outgoing SMS** – when user click Outbox link, it will display a table which contain the date, time, status, to (recipient) and message. All messages sent will save inside the table with status either “Fail” or “Ok”.



The screenshot shows the 'Outbox' section of the Fun2SMS website. At the top, there is a logo for 'ShortMessageService' and a header 'Outbox'. Below the header, there is a search bar with a 'Find' label, a text input field, and a '(case sensitive)' note. To the right of the search bar is a dropdown menu labeled 'In Column' with 'MESSAGE' selected, and two buttons: 'Search' and 'Reset'. Below the search bar is a table with five columns: 'DATE', 'TIME', 'STATUS', 'TO', and 'MESSAGE'. The table contains four rows of data. Below the table, there are two navigation buttons: '<--' and '-->', and a 'Refresh' button.

DATE	TIME	STATUS	TO	MESSAGE
18/04/2006	21:29:51	OK	0166565211	Hello
19/04/2006	12:07:22	FAIL	0122165446	Can we have lunch together this afternoon?
27/04/2006	21:50:44	OK	0122165446	Hello, Good day. Can we make an appointment?
08/05/2006	16:30:00	FAIL	0148009999	hello! How are you?

Figure 22: Outbox – display outgoing SMS

- 2.4.2) **Search and Reset** – user can search a specific message in column Date, Time, Status, To or Message itself and click “Search” button. The “Reset” button is to reset the table originally.
- 2.4.3) **Sort** – users can click the header of each column (Date, Time, Status, To, Message) to sort the table in ascending or descending order.
- 2.4.4) **Page Navigation** – “<” and “>” button are use to view the next or previous page of data in the table.
- 2.4.5) **Refresh** – this button use to refresh the page so that updated data can be shown in the table.

3) Address Book

- 3.1) **Display All Contacts** – the table displays the list of contacts that has been saved. Users can update each record by changing the data in each field and click “Update” button. Users can also delete the records by clicking the “Delete” button.

My Address Book...

Address Book								
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Update Record	Delete Record
Kok	Liang	Friend	04-3335686	013-6899211	34,Jalan FLL	KL@mailcity	Update	Delete
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Update Record	Delete Record
marcus	Davidson	Friend	03-78789768	013-6767888	22,Jalan Kon	marc@hotmail	Update	Delete
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Update Record	Delete Record
nicholas	Harvey	colleague	03-85625897	016-4125566	21,Jalan Puc	nic@yahoo.c	Update	Delete
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Update Record	Delete Record
Teo	Jason	Friend	03-25510911	016-3990075	115,Jalan TP	jason@gmail	Update	Delete
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Update Record	Delete Record
Teo	Desmond	Family	06-8777678	012-6889099	777,Jalan Tai	teo@yahoo.c	Update	Delete

Figure 23: Address book

- 3.2) **Add New Record** – users can add the new details of contact inside the “Add New Record” table. After type in the details, click the “Add” button to add the details into the address book or click “Clear” button to cancel it.

Add New Record								
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Add Record	Clear Fields
Teo	Jason	Friend	03-25510911	016-3990075	115,Jalan TP	i@gmail.com	Add	Clear

Figure 24: Add record

- 3.3) **Search Record** – user can type in either one column in First Name, Last Name, Description, Telephone, Mobile, Address or E-mail and select one sorting criterion, and then click the “Search” button or “Clear” button to cancel it. After clicking the “Search” button, the result will display in the same page.

Search Record								
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Sorting Criterion	Search Record
teo							Sort by First Name	Search
								Clear

Figure 25: Search record – type in any column

My Address Book...

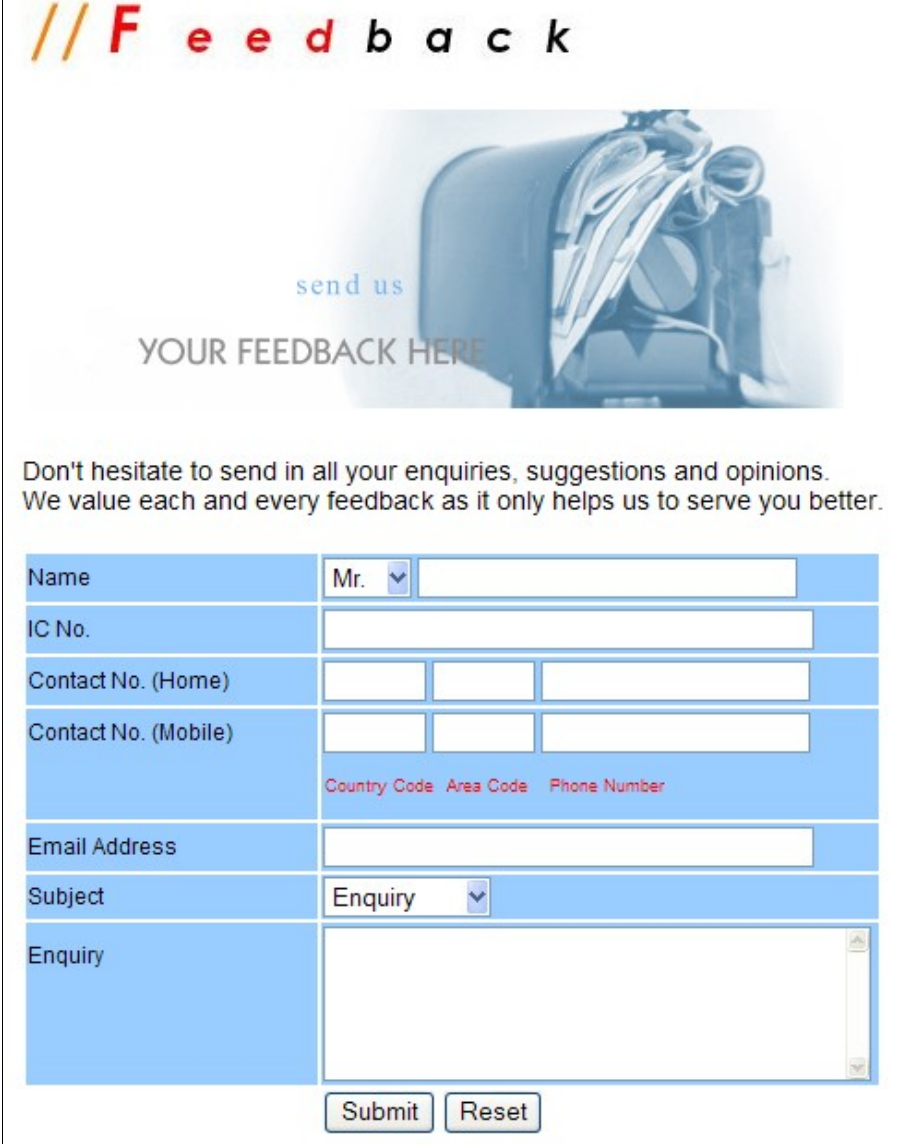
Address Book								
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Update Record	Delete Record
Teo	Jason	Friend	03-25510911	016-3990075	115,Jalan TP	jason@gmail	Update	Delete
First Name	Last Name	Description	Telephone	Mobile	Address	E-Mail	Update Record	Delete Record
Teo	Desmond	Family	06-8777678	012-6889099	777,Jalan Tai	teo@yahoo.c	Update	Delete

Figure 26: Search record – results

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- 4) **Feedback** – allow users to send their enquiry, feedback or suggestion. Users need to fill in the form and click the “Submit” button to send the form to us or “Reset” button to clear the form.



The feedback form is titled "Feedback" in a stylized font. It features a background image of a mailbox with the text "send us YOUR FEEDBACK HERE". Below this, a message encourages users to send enquiries, suggestions, and opinions, stating that every feedback is valued. The form fields include: Name (with a dropdown menu set to "Mr."), IC No., Contact No. (Home) and Contact No. (Mobile) (each with three input boxes), Email Address, Subject (with a dropdown menu set to "Enquiry"), and a large text area for the enquiry. At the bottom are "Submit" and "Reset" buttons.

Name	Mr.
IC No.	
Contact No. (Home)	
Contact No. (Mobile)	
	Country Code Area Code Phone Number
Email Address	
Subject	Enquiry
Enquiry	
Submit Reset	

Figure 27: Feedback form

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Figure 28: Sent feedback form

- 5) **Downloads** – users able to download the java games, themes, ringtone and wallpaper. Click on the menu Download to choose the categories. Click “Download Here” to download the package. It will prompt a message to ask whether to open, save or cancel the file. Click “Save” to download.

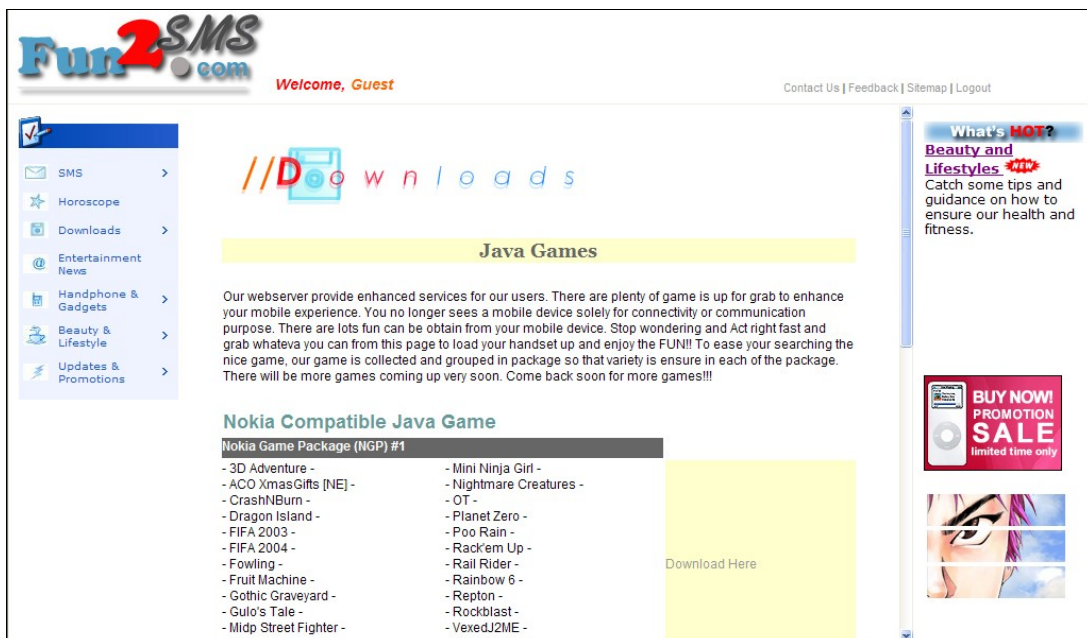


Figure 29: Download page – Java Games

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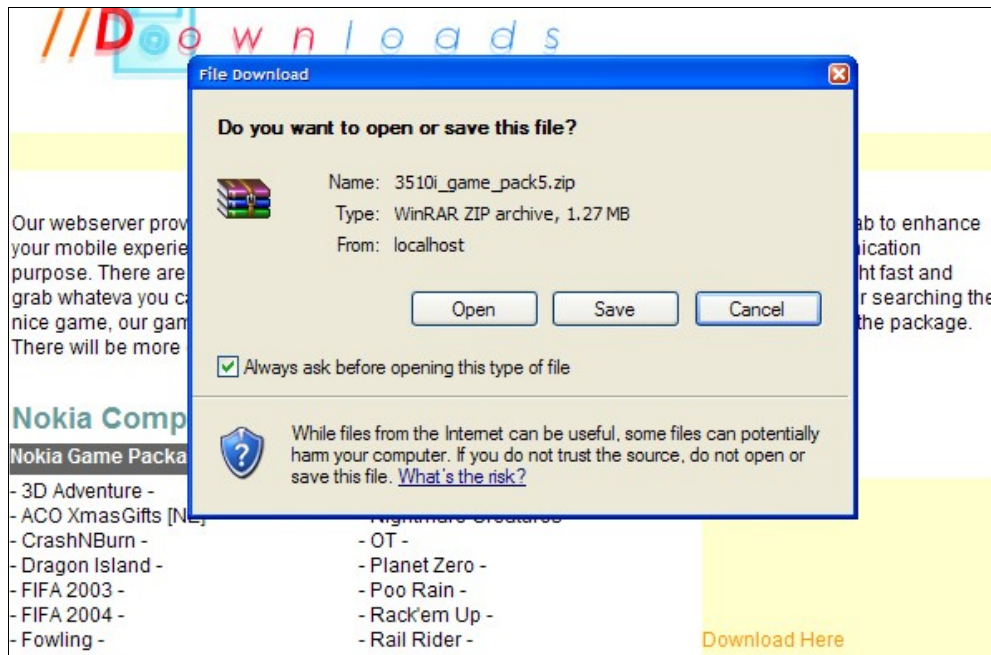


Figure 30: Click "Save" to download the package

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