

Scratch Card Management System

A Prepaid Messaging System

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Overview

- A Prepaid Messaging System that allows clients to purchase prepaid cards and send messages with ease.
- Coupon Management, Client Management & System Management are different modules that allow an administrator to manage the system effectively.

Features

- Provides an Administrative Interface for easy management of the system.
- Provides a Client Interface where clients can log-in to check account details, recharge account, send messages, check message logs etc.
- Allows Clients to sign-up on their own and send messages after successfully recharging their account with prepaid cards.
- Provides different Logins with differing access levels for access control.

System Requirements

- **Server-side :**

- Operating System : Red Hat Fedora Core 4 or later
(Any Red Hat Based Linux Distro)
- Web Server Application : Apache Tomcat 6.0.13
- Database : MySQL

1. **Client –side**

2. Any OS with a browser with javascript enabled.
3. The System has been tested with these browsers
 1. Mozilla Firefox – version 2.0.0.12
 2. Internet Explorer – version 6.0, 7.0
 3. Konqueror – version 3.5.8

Route Management

- Allows to manage routes which connect to SMSCs/Providers.
- Specify Provider details and other SMPP details here.

- Client Management
- Coupons Management
- System Management
- Route Management**
- Gateway Management
- Gateway Coverage
- Create System User
- Modify System User
- Coupon Restriction
- Manage Country, Operator, Prefix
- Specify Default Gateway
- Ftp Job Status
- Stop Email to sms service
- Query Report
- Status Report
- Logout

Admin : tester

Route Details

Route ID	<input type="text"/>
Route Name	<input type="text"/>
User Name	<input type="text"/>
Password	<input type="text"/>
IP Address	<input type="text"/>
Port	<input type="text"/>
Receiver Port	<input type="text"/>
Transceiver Mode	NO <input type="button" value="v"/>
System Type	<input type="text"/>
Source TON	<input type="text"/>
Source NPI	<input type="text"/>
Destination TON	<input type="text"/>
Destination NPI	<input type="text"/>
Message ID Type	STRING <input type="button" value="v"/>
Enquire Link Interval	<input type="text"/>
Source Address Detect	YES <input type="button" value="v"/>
Provider Name	<input type="text"/>
Provider Address	<input type="text"/>
Contact Number	<input type="text"/>
Contact Person	<input type="text"/>
<input type="button" value="Add Route"/> <input type="button" value="Reset"/>	

Route Management

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Gateway Management

- Manage the creation, updation and deletion of Gateways.
- Specify Route mapping for a Gateway.
- Specify Cost Price & Lowest Selling Price for a Gateway.
- Specify Coverage for a Gateway.

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Admin : tester

Gateway Management

Gateway Name	<input type="text"/>
Gateway ID	<input type="text"/>
Cost Price	<input type="text"/>
Lowest Selling Price	<input type="text"/>
Route ID	Select <input type="button" value="v"/>
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

Coverage

<div style="border: 1px solid gray; padding: 2px;"> Country - Operator <input type="button" value="v"/> India - Vodafone UK - a UK - b UK - c UK - d UK - e Pakistan - BSNL Pakistan - MTNL Austria - Vodafone Austria - Orange UAE - Etisalat UAE - Vodafone UAE - Hutch UAE - MTNL </div> <div style="text-align: center; margin-top: 5px;"><input type="button" value="ADD"/></div>	<div style="border: 1px solid gray; padding: 2px; min-height: 150px;"> Country - Operator </div> <div style="text-align: center; margin-top: 5px;"><input type="button" value="Remove"/></div>
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Gateway Information

Gateway Name	Actions	Gateway ID	Cost Price	Lowest Selling Price	Route ID
smpp_g11	Modify /Delete	kannel	0.300	0.400	tree
smpp_emaildemo	Modify /Delete	ge365	0.200	0.300	emaildemo

Gateway Management

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Client Management

- Manage clients. Manage Portal users.
- Specify Pricing for Users on Gateways.
- Assign Prefixes for users on various Gateways.
- Check Various User activities through User Reports

- Client Management
- Manage User
- Manage Portal Users
- Query User Status
- Delete End User
- Manage Gateway-Price-User
- User Reports
- Coupons Management
- System Management
- Query Report
- Status Report
- Logout

Admin : tester

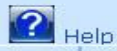
Create user

Username	<input type="text" value="demotest"/>	
Password	<input type="password" value="....."/>	
Confirm password	<input type="password" value="....."/>	
Contact person	<input type="text" value="tester"/>	
Mobile with country code	<input type="text" value="91"/>	<input type="text" value="986936823"/>
Email	<input type="text" value="testdemo@abcd.com"/>	
Email to sms	<input type="radio"/> Yes <input type="radio"/> No	
Gateway	<input type="text" value="smpp_g01"/>	Coverage
Assign Selling Price	<input type="text" value="0.06"/>	
Max-Instances	<input type="text" value="2"/>	
Allot test coupons	<input type="checkbox"/> <input type="text" value="Select test credits"/>	
<input type="button" value="Submit"/> <input type="button" value="Reset"/>		

Count of Records : 0 |Count of Pages : 0

View All Users

No User To Be Viewed



smpp_emaildemo	Modify /Delete	ge365	0.200	0.300	emaildemo
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Client Management

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Coupon Management

- Manage the creation, printing, modification and deletion of 'Live' Coupons.
- Manage the creation, modification and deletion of 'Test' Coupons.
- View the Coupon generation and usage activities with various views through Coupon Reports.

Reports

- View various usage related and activity reports.
- Check MIS reports such as monthly summaries.
- View dynamic status related reports for ESME & SMSCs.
- Query Reports for User & Coupon Status.

Status Reports

- These are dynamic reports for monitoring user connections, sending activity & SMSC connections and SMSC submission activities.
- Show queue at the ESME (User) and SMSC (Route) level.
- Shows system status with uptime and store size.