

System of Information Messages Mailing via SMS/Email

Customer

The customer is a Singapore SME company.

Aim

The main aim was to create a system comprising the functions of mass mailing of both SMS messages (with the help of the GPRS modem) and regular e-mails with the interface of a standard mail client:

- Incoming.
- Outgoing.
- Sent.
- Drafts.
- Recycle bin.

The system is supposed to send messages to different groups of users either at the fixed time or by an event (incoming mail or SMS message); it is also supposed to have flexible settings, and is to function in the mode which is firm against outer intrusion to a great degree.

Solution

The following solutions were chosen to reach the aim:

- Linux – as a high speed operational system with low system requirements.
- C++ – as a low-level programming language able to interact with GPRS modem at the hardware level.
- PHP – as a language realizing interaction between a client and a message sending server.
- MySQL – as a database responsible for storing all messages in the system.
- Smarty – as a standard emulator ensuring a high speed of code work.

Basic functions

- The system consist of the following basic modules:
 - Administrative module:
 - Users management.
 - Messages management.
 - Server settings management.
 - GPRS modem settings management.
 - The messages management module.
 - The address book management module.
 - The search management module.
 - The automatic sending of messages to users management module.
 - The system logs management and analysis module.

Technologies

PHP, MySQL, Apache, JavaScript, XML, HTML, C++, Linux, Smarty, GSM, payment systems PayPal, 2CO, ClickBank, CreditCard

Product Title

System of Information Messages Mailing via SMS/Email

Project Capacity

5 man-months