

Mobile Survey

ID2216 project

Borgaonkar Ravishankar Borgaonkar
rbbo@kth.se

Aim of the Project

- To Build an application capable of conducting survey based on mobiles
- To provide Content ,news, services(Survey) and application to the mobile user.(by sending WAP-PUSH SMS)
- To create survey in less than 20 min.
- To provide User 'friendly' interfaces.

Technical Layout

- Web-based Application
- WAP-Push SMS part was done by Java
- Database using PostgreSQL and Php
- Thin client using XHTML and Flash-lite
- Device detection using Wurfl

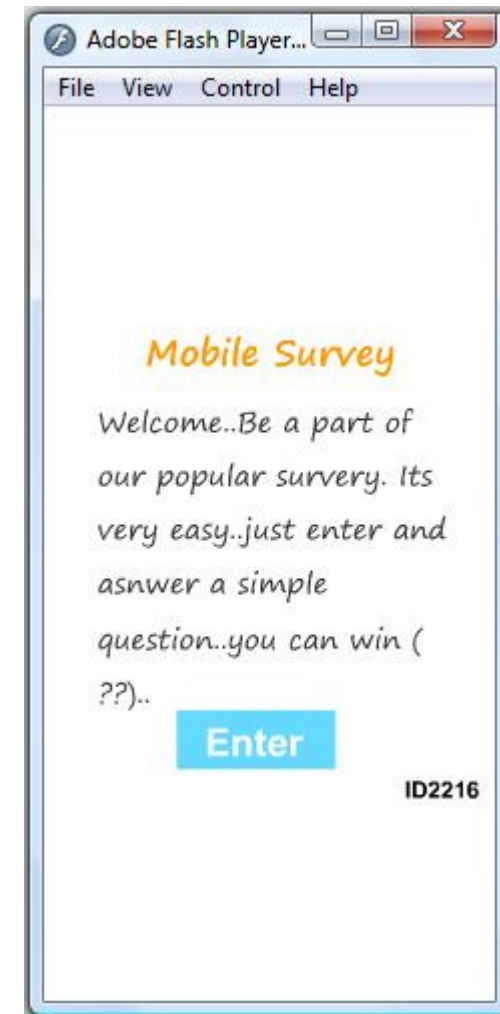
User Interface

Flash-lite

XHTML



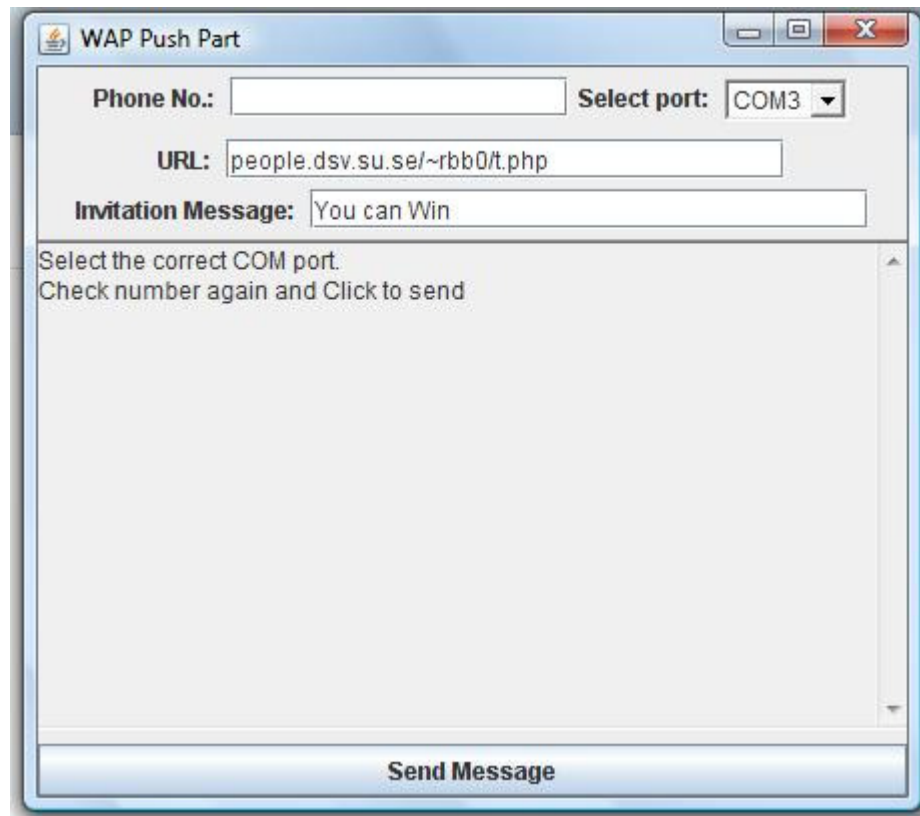
A screenshot of a mobile browser window titled "Mobile Surv...". The browser has a menu bar with "File", "Edit", "View", "History", and "Bookmarks". Below the menu bar are navigation icons: back, forward, refresh, stop, and home. A "Getting Started" link is visible. The main content area displays a survey titled "Mobile Survey" with a welcome message: "Welcome Hi , Thanks for joing our survey." The survey question is "Q. Which mobile do you like most?(Sony,Nokia)". There are two input fields: "Name :" and "Answer:". A "Submit" button is located below the input fields. At the bottom of the page, it says "Thank You." and a "Done" button is visible in the status bar.



A screenshot of an Adobe Flash Player window titled "Adobe Flash Player...". The window has a menu bar with "File", "View", "Control", and "Help". The main content area displays a survey titled "Mobile Survey" with a welcome message: "Welcome..Be a part of our popular survery. Its very easy..just enter and asnwer a simple question..you can win (??)..". A blue "Enter" button is located below the text. In the bottom right corner, the text "ID2216" is displayed.

WAP-Push SMS

Java application to send
WAP-Push SMS



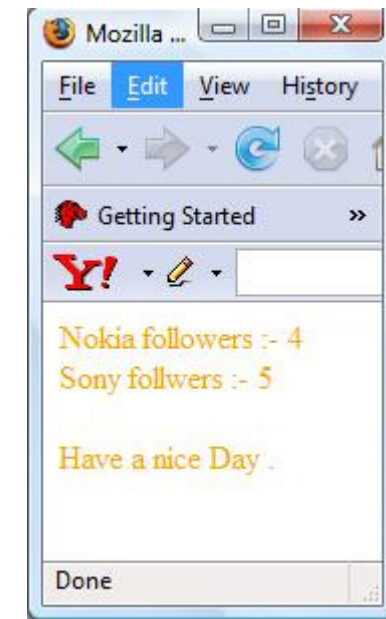
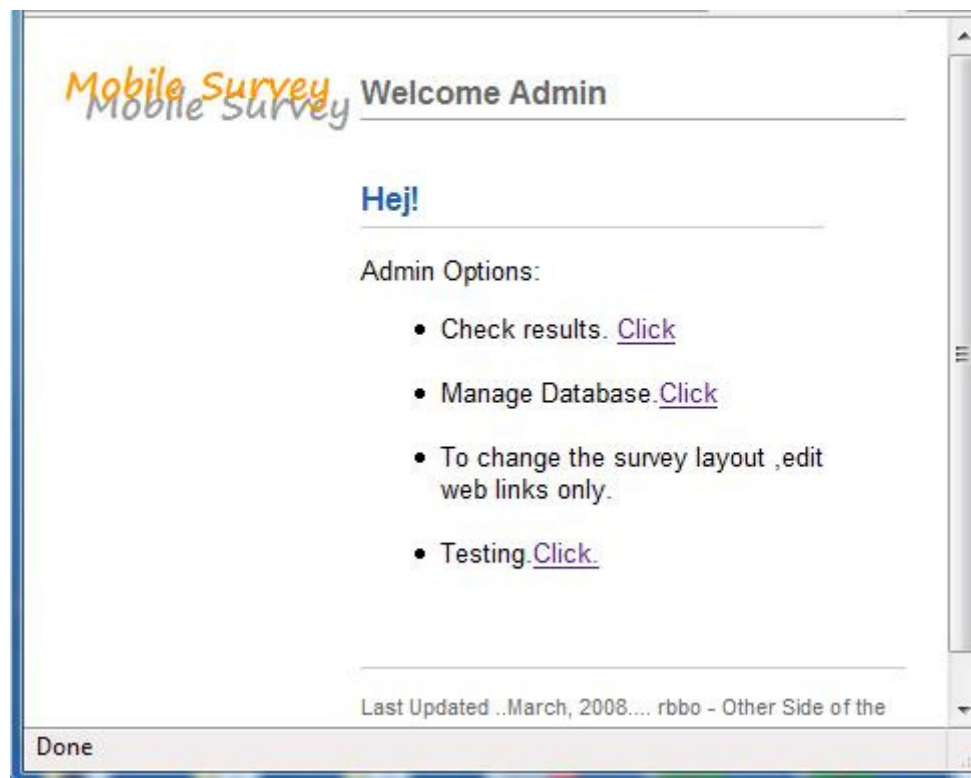
The screenshot shows a Java application window titled "WAP Push Part". It contains the following fields and controls:

- Phone No.:** An empty text input field.
- Select port:** A dropdown menu currently showing "COM3".
- URL:** A text input field containing the URL "people.dsv.su.se/~rbb0/t.php".
- Invitation Message:** A text input field containing the message "You can Win".
- Instructions:** A text area containing the text "Select the correct COM port. Check number again and Click to send".
- Send Message:** A button at the bottom of the window.

Admin Interface

Survey Result and Database

Main Admin Panel



Additional Tasks

- Standalone Application(Survey Questions) enabled to download from our website
- Small Flash-lite demo of a survey
- Device Detection
- Run Seamlessly on different devices
- Push Functionality

Tools And References

- Eclipse
- Adobe Dreamweaver
- Adobe Flash CS Professional
- For references and more details, check project homepage

Demo

Thanks to all.

Questions?