AN IMPLEMENTATION OF ONLINE COMMUNITY MINGLE SPOT FOR B&I TECH SOLUTIONS

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ABSTRACT

MingleSpot is an online community designed to make your social life more active and stimulating. It's social network can help you maintain existing relationships with pictures and messages, and establish new ones by reaching out to people you've never met before.MingleSpot makes it easy to find people who share your hobbies and interests, look for romantic connections or establish new business contacts. You can also create and join a wide variety of online communities to discuss current events, reconnect with old school mates or even exchange your favorite recipes. MingleSpot is a flagship example of the next generation of internet companies born out of the world with global potential. The System after careful analysis has been identified to present with the following modules. The following functionalities are incorporated in this application.

Keywords:Community, flagship, mimglespot, online,reconnect.

1.INTRODUCTION

MingleSpot will become the fastest growing travel and lifestyle social networking community portal in future and discover how easy it is for you to keep in touch, meet people from around the world and keep your friends and family informed of your whereabouts movements and activities. Use messaging capabilities to keep in touch simply, quickly and cheaply! Users can place questions on various topics and can view the answers posted by other registered users. This functionality allows users to create polls and participate in polls created by other users. This module deals with major and crucial part that includes the details of existed sawals and polls. Every user can able to create a new poll and view the existed polls.

II. ORGANIZATION PROFILE

Today enterprises globally are looking for service providers who can bring value to the relationship in terms of innovation, creativity, committed to deliver quality within schedules, budget and having business models supporting the fast change in global economic scenarios. Seeback Software Systems, is a leading Software Solutions and Services Provider in the Global Market, providing Business Solutions and High-End Technology based services to its customer base in USA, Europe, Nordic and Asia with on-site, off-site and off-shore development models. With a corporate history of more than 8 years, Seeback Software Systems delivered many

large-scale enterprise class solutions in the areas of E-Business, Knowledge Management, Business Intelligence, etc., using cutting edge technologies and re-usable frameworks. Seeback Software Systems team consists of professionals with proven expertise and skills in building Enterprise Level Architectures using cutting edge technologies like J2EE, CORBA and Microsoft .NET. Seeback Software Systems has perfected the art of Global Delivery with 24x7 Virtual Development Life Cycle having teams working at on-site, of-site and off-shore development in different time zones in multiple continents. Seeback Software Systems team works at high productivity levels by leveraging its expertise of component development methodologies and in-house built Component Knowledge Warehouse (CKW) for various re-usable functionalities.

2.1.Vision

To become globally recognizable and respectable IT Solution Provider by delivering quality Software Solutions, Services and Products to enhance the business value of IT to our global customers.

2.2.Mission

  We have combined the following to achieve our Corporate Vision.

- To continuously achieve high levels of Customer Satisfaction

- To create an environment where every member of Seeback Software Systems strives towards success through Innovation, Creativity and Knowledge Driven Practices.

- To create Stock Holder Value through a continuous, predictable overall growth by de-risking the business models.

- To strive for excellence in every facet of Organization by delivering quality through established processes and methodologies.

- To continuously build expertise in cutting edge technologies and build tools and systems to enhance the productivity of the team.

Our energies are focused mainly on the following business domains are

- HealthCare

- Retail & Distribution

- FBIS

- Utilities

III. PROBLEM STATEMENT

Problem statement is one of the basic and important phases of project phase. When the basic problem is determined, it is documented and the symptomatic problem is analyzed, then the current list of basic problem is completed.

The aim of this application is to find the people who share your hobbies and interests. Also you can create and join in communities to discuss current events and it will help us to improve the business contacts.

This project is developed using Java Programming Language under Windows.

IV. AIM OF THE PROJECT

➢ MingleSpot is an application and is used to create/manage/monitor gangs and can send scrap messages as well as can find the information regarding the needs. Finally you can modify MingleSpot system properties. Lot of effort was put to make it user friendly.

➢ Optimum utilization of application is possible. All basic features are provided.

➢ Reduces the user interaction work.

➢ More flexible/expendability it means developer can ---

• They can implement their own client (HTML/JavaScript, Applet, Flash, Java Application). They only need API (JavaDoc) to know how to interact with MingleSpot server-side. HTML/JavaScript skins are also a good starting point. XML Connector service should be used for remote clients (Applets, ...).

4.1 Objectives

• Good communicative social network with user-friendly UI.

• Can able to invite friends.

• Can create and manage the communities.

• Can able to view the existing communities, and join in that.

• Can able to upload their photos into the gallery and can view the existing photos .

V. PROPOSED SYSTEMADVANTAGES

• Can able to search for friends and can also able to add them to their friends list.

• Can create and manage the communities.

• Can able to place a scrap to other users and can view their own scraps.

• Can able to ask a sawaal and can able to answer to an existing sawaal.

• Can able to share his opinions.

• Can conduct the polls .

VI. SOFTWARE REQUIREMENTS SPECIFICATION

The requirement phase basically consists of three activities:

• Requirement Analysis

• Requirement Specification

• Requirement Validation

6.1. Requirement Analysis:

Requirement Analysis is a software engineering task that bridges the gap between system level software allocation and software design.

It may be divided into 5 areas of effort.

• Problem recognition

• Evaluation and synthesis

• Modeling shown in "Fig.1, Fig.2, Fig.3"

- Specification
- Review

Each Requirement analysis method has a unique point of view. However all analysis methods are related by a set of operational principles.

They are

- The information domain of the problem must be represented and understood.
- The functions that the software is to perform must be defined.
- The behavior of the software as a consequence of external events must be defined.
- The models that depict information function and behavior must be partitioned in a hierarchical or layered fashion.
- The analysis process must move from essential information to Implementation detail.

6.2. Software Specification

Database	:	MySQL 5.0, MySQL 3.5 JDBC driver
Server	:	Apache Tomcat 4.1
Front end	:	JSP / Servlets, J2SDK 1.4
		HTML, DHTML,
Scripting language	:	Java Script
Editor	:	Edit plus

6.3. Hardware Specification

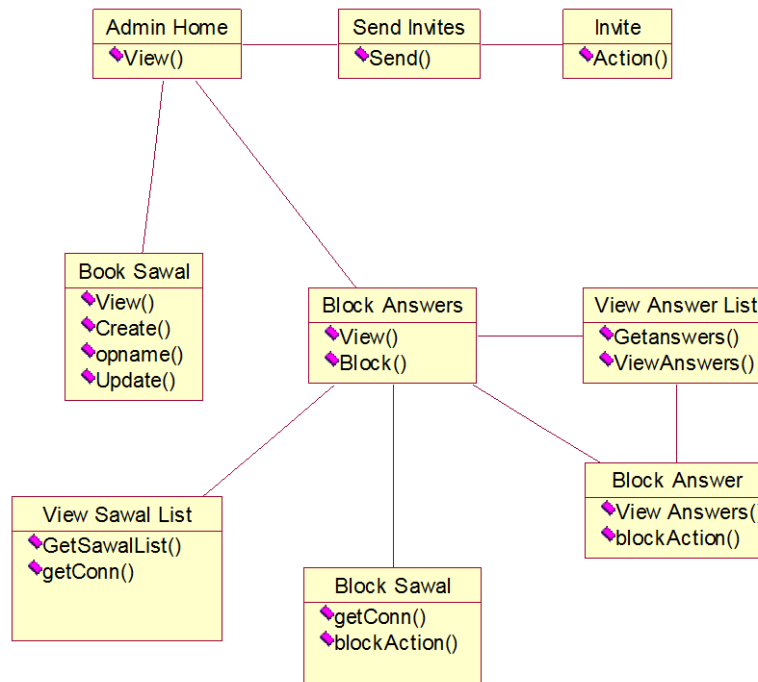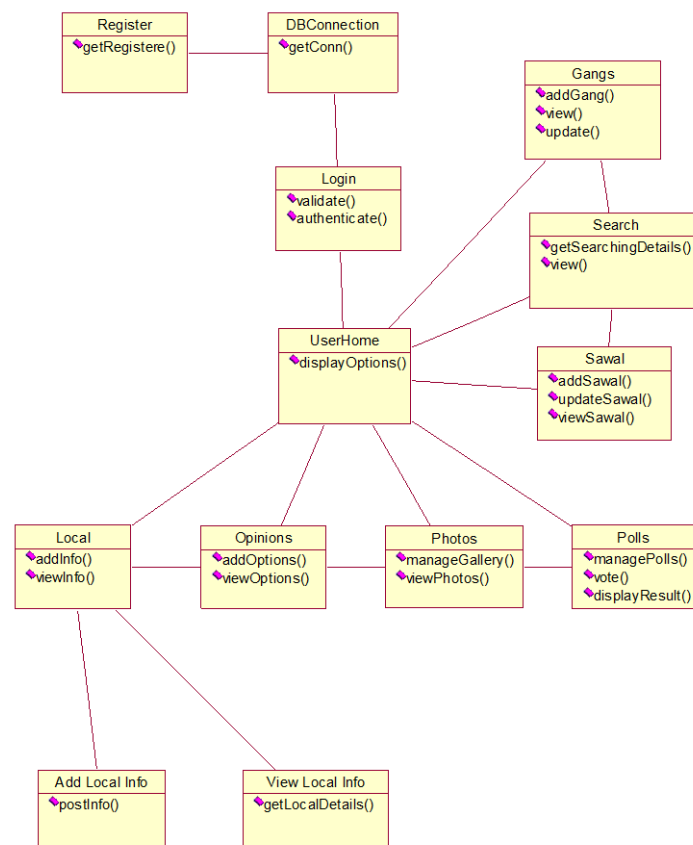|		
Processor	:	Intel P-IV based system
Processor Speed	:	2.0. GHz
RAM	:	256 MB to 512 MB
Hard Disk	:	40GB to 80GB
Key Board	:	104 keys

Figure 1.Class Diagram

Figure 2.Class Diagram

Figure 3.Use case diagram

VII. SYSTEM IMPLEMENTATION

7.1. About java

Java was designed to be easy for the professional programmers to learn and use efficiently. The object model of Java is simple and easy to extend, while simple types, such as integers are kept as high-performance non-objects.

7.2. Aboutservlets

Servlet is server side applet. It contains several advantages. They are:

1. Performance is significantly better. Servlets execute within the   address space of the web server. Creating a separate process to handle each client request isn't necessary.

2. Servlets are platform-independent, because they are written in Java. Several web servers, from vendors such as sun, Netscape, and Microsoft, offer the servlet API

    Programs developed for this API can be moved to any of these environments without recompilation.

3. The java security manager on the server enforces a set of restrictions to protect the resources on a server machine

4. The full functionality of the Java class librariesis available to a servlet. It can communicate with applets, databases, or othersoftware via the sockets and RMI mechanisms.

7.3. HTML layout

An HTML document consists of text, which comprises the content of the document and tags, which, defines the structure, and appearance of the document. The structure of an HTML document is simple, consists of outer.

Each document has a head and body delimited by the <HEAD> and <BODY> tag. The head is where you give your HTML document a title and where you indicate other parameters the browser may use when displaying the document. This includes the text for displaying the text. Tag also references special and indicates the hot spots that link your document to other documents.

7.4. Java Developent Environment

To code, edit, debug and test the java programs, one needs to have a java development environment. At the minimum this will consists of a java compiler interpreter and applet viewer where applets can be tested.

Sun's java development kit (JDK) latest version is 2.2 can be freely downloaded from the Internet.

Java compiler is available on DOS, Win95, WIN'NT, Solaris and MAC etc.

VIII. SYSTEM TESTING & TESTING STRATEGIES

Software Testing is a critical element of software quality assurance and represents the ultimate review of specification, design and coding, Testing presents an interesting anomaly for the software engineer.

8.1.Testing Objectives include:

1. Testing is a process of executing a program with the intent of finding an error .

2. A good test case is one that has a probability of finding an as yet undiscovered error.

3. A successful test is one that uncovers an undiscovered error.

8.2.Testing Principles:

1. All tests should be traceable to end user requirements.

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2. Tests should be planned long before testing begins..

3. Testing should begin on a small scale and progress towards testing in large.

4. Exhaustive testing is not possible.

5. To be most effective testing should be conducted by a independent third party.

8.3 Testingstrategies:

A Strategy for software testing integrates software test cases into a series of well-planned steps that result in the successful construction of software. Software testing is a broader topic for what is referred to as Verification and Validation. "Table.1" shown the manual testing based on implemented functionalities.

a. Unit Testing

b. Integration Testing

c. System Testing

Test Case ID	Test Case	Expecting behavior	Exhibiting behavior	Result
1	Enter the wrong Username and Password for Admin	Error message has to be displayed	Error message is displaying	Pass
2	Login as admin and Try to add the new opinion	It has to add the opinion	It is adding successfully	Pass
3	Login as admin and try to View the opinions	It has to display all the opinions	It is displaying all the opinions	Pass
4	Login as admin and Try to upload the photos	It has to upload the photos	It is uploading successfully	Pass
5	Login as admin and try to place a sawal	It has to add the sawal	It is adding the sawal successfully	Pass
6	Login as admin and try to block a poll	It has to block a poll	It is blocking the poll successfully	Pass
7	Login as admin and try send invites	It has to send	It is sending successfully	Pass
8	Login as user and try to change the password	It has to change the password	It is changing the password	Pass
9	Login as user and try to block a poll	Error message has to be displayed	Error message is displaying	Pass
10	Login as user and try to add a friend	It has to add a friend	It is adding successfully	Pass
	Login as user and try to send	It has to send the scrap	It is sending the scrap to	

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11	a scrap to the friend		the particular user	Pass
12	Login as user and try to ask a sawal	It has to add the sawal	It is adding the sawal successfully	Pass
13	Login as user and try to answer for his sawal	Error message has to be displayed	Error message is displaying	Pass
14	Login as user and try to search for the friends	It has to search for the friends	It is searching for the friends	Pass
15	Login as user and try to block a gang	Error message has to be displayed	Error message is displaying	Pass

Table 1.Test cases

IX. INTRODUCTION TO JAVASCRIPT

9.1. JavaScript

JavaScript is a new scripting language for WebPages. Scripts written with java script can be embedded into your HTML pages. With java script you have many possibilities for enhancing your HTML page with interesting elements. For example you are able to respond to user-initiated events quite easily. Some effects that are now possible with java script were some time ago only possible with CGI. So you can create really sophisticated pages with the helps of java script on the Internet.

X. INTRODUCTION TO JDBC

JDBC (Java Database connectivity) is a front-end tool for connecting to a server to ODBC in that respect, however JDBC can connect only java client and it uses ODBC for the connectivity.
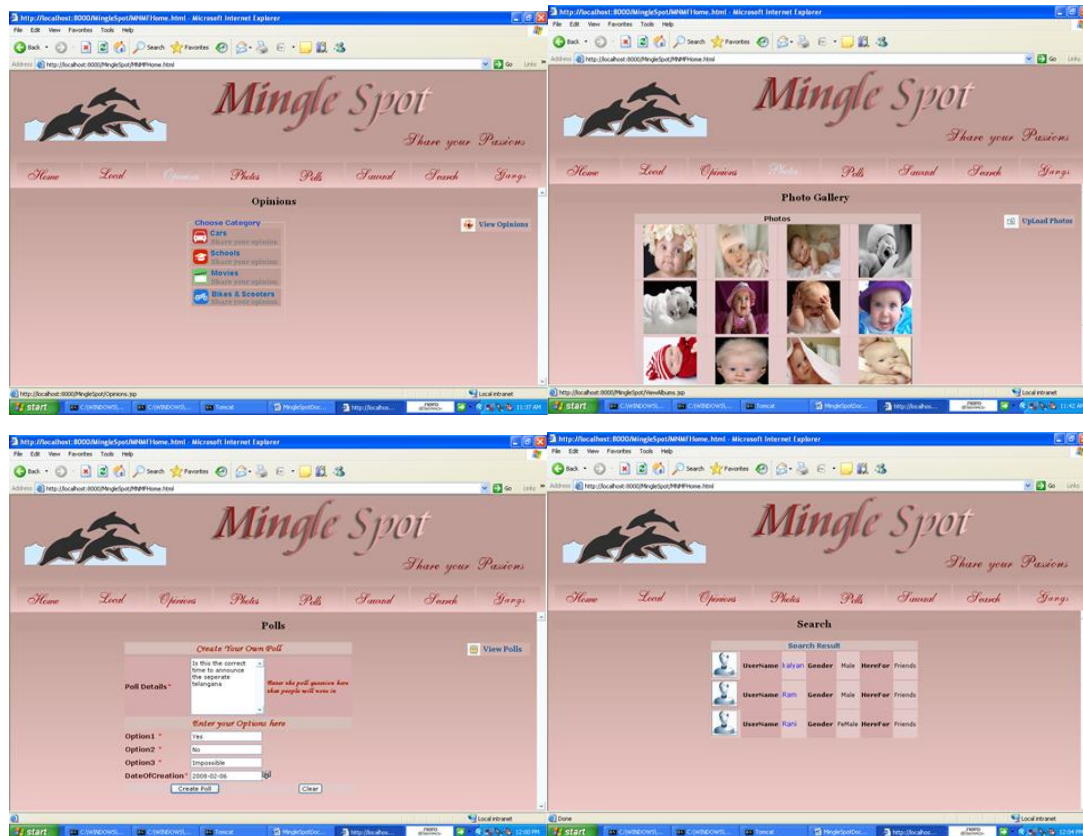
Fig5.Screens

XI. CONCLUSION

MingleSpot can be considered as a tool, which creates an environment that allows users to chat each other in their required chat rooms. Lots of efforts were put to make it work perfectly and efficiently. The developed system is tested with real data and the users are satisfied with the performance of the system and reports. . This tool is very useful for Administrating deportment of B&I TECH SOLUTIONS. It provides extendibility also. So you can add your own features in future very simply without disturbing the existing code. This tool reduces the manual work and saves the time as well as manpower. The time for processing and producing reports is considerably reduced. All the features are implemented and developed as per the requirements.

XII. ACKNOWLEDGEMENT

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