



MIDDLE EAST
TECHNICAL UNIVERSITY



COMPUTER ENGINEERING
DEPARTMENT

SENIOR PROJECT PROPOSAL REPORT

TOMBEKI++

:: COMPANY ::

:: Company Name ::

Tombeki++

:: Company Members ::

Name	M.Arif UĞUREL
E-Mail	e134803@metu.edu.tr
Telephone	0 543 221 14 64
Role	Project Leader, Optimist

Name	Ruslan ABDULLA
E-Mail	e132175@metu.edu.tr
Telephone	0 555 701 21 76
Role	Time Keeper, Initiator

Name	Serdar SAYGILI
E-Mail	e134789@metu.edu.tr
Telephone	0 533 660 41 46
Role	Devil's Advocate, Recorder

Name	Buğra HASBEK
E-Mail	e134754@metu.edu.tr
Telephone	0 505 746 32 48
Role	Initiator, Summarizer

:: Meeting Times ::

Wednesday	8:30 – 13:30
Saturday	10:00 – 12:00 12:00 – 13:00 Lunch Brake 13:00 – 16:00

:: Expected Grades ::

M.Arif UĞUREL	BA
Ruslan ABDULLA	BB
Serdar SAYGILI	BA
Buğra HASBEK	BB

:: PROJECT ::

:: Project Name ::

Marpuch – Connect To Info

:: Project Description ::

In our term project we will develop a web 2.0 application. The main technology that we use in our site is AJAX. AJAX is stand for Asynchronous JavaScript and XML. With AJAX web-sites gain more speed and usability. We can easily refresh some part of the screen without refreshing whole page. This shorten the response time of the web-site to end-users.

The main aim of our project is to create a convenient platform in which people can find answers to their questions immediately. There are experts and users. The main idea is to supply expert – user interaction. Experts are those users that are volunteer to response other users requirements. Every expert chooses one or more field(s) that he/she is good at. To rate experts users give points to experts after they take the answer. The main features of our application will be given below.

The system is simple. Users come to web-site and writes their questions. System redirects user to related experts. We will provide the connection between users and experts using xmpp and jabber. The short definitions for xmpp and jabber given below.

Extensible Messaging and Presence Protocol (XMPP) is an open, XML-inspired protocol for near-real-time, extensible instant messaging (IM) and presence information (a.k.a. buddy lists). It is the core protocol of the Jabber Instant Messaging and Presence technology. The protocol is built to be extensible and other features such as Voice over IP and file transfer signaling have been added.

Unlike most instant messaging protocols, XMPP is based on open standards. Like e-mail, it is an open system where anyone who has a domain name and a suitable Internet connection can run their own Jabber server and talk to users on other servers. The standard server implementations and many clients are also free and open source software. [1]

:: Some of Features of Our Project ::

- AJAX based rich and flexible Graphics
- With AJAX fast and more usable components
- AJAX based keyword completion
- Mobile extension to use application with mobile phone, PDA ...
- Chat Rooms for specific topics
- Rating and Evaluating of experts
- Keyword suggestions for better results
- Most searched topics
- Artificial Intelligence for question analyze
- Ask more expert same question if one can not answer
- Detailed help section
- Able to search experts

:: References ::

[1] “<http://en.wikipedia.org/wiki/Xmpp>”