**Software Engineering 1**

**DR: Mohammed El-Ramli**

**Phase - 1**

**SRS**

**Project: Books Network**

**TA: Eng/** Mohamed Samir

**names**

**Ahmed Emam Ali 20120012**

**Abanoub wagih 20120001**

**Abdullah Ahmed Hassoun 20120236**

**Ahmed Tarek Kamal 20120033**

***Social Network***

**1. Introduction**

**1.1 Purpose of the system**

**The purpose of the project programmers site to develop a social network , The social network should be social , more exchange information and free , Instead of Courses in charge will allow our different courses in various branches of the software for free, and communication between programmers across the Arab countries, to develop programming skills and increase employment opportunities and provide an opportunity for beginners and access to professionalism, and joining to our website will always be looking down on all new in the world of programming and technology and the establishment of projects and jobs good and you can find everything you need through our website to communicate with trusted experts in the field of software and technology**

**1.2 Scope of the system**

The functionality of the programmer site “social network” is to support Progress in programming, technology and communication between programmers

**1.3 Objectives and success criteria**

The objectives of the Programmers site project are to:

* Provide a simple and fast communication ways between programmer , which works on different people in the Arab countries.
* Provide the Programmers site, all courses and computer programs that allow users to learn and increase their programing skills level.

**1.4 Definitions, acronyms, and abbreviations**

A **programmer**, **computer programmer**, **developer**, **coder**, or **software engineer** is a person who writes computer software. The term *computer programmer* can refer to a specialist in one area of  computer programming or to a generalist who writes code for many kinds of software by using [computer HYPERLINK "http://en.wikipedia.org/wiki/Computer\_language"l HYPERLINK "http://en.wikipedia.org/wiki/Computer\_language"anguage](http://en.wikipedia.org/wiki/Computer_language) (C, C++, C#, Java, Lisp, Python, etc.)

**1.5 References**

* [http://en.wikipedia.org](http://en.wikipedia.org/)
* [www.W3schools.com](http://www.w3schools.com/)
* [www.codecademy.com](http://www.codecademy.com/)

**2. Proposed System**

2.1. Overview

The focus of this project is the development of a social network called programmer site . programmer site can be used by any person interest with programming languages , called programmer or user . programmer site is a web based application. Its main window consists of a notification field, a profile , chat bar . Anyone interested in the field of software can communicate with professionals in this specialty, and the exchange of scientific information through the pages dedicated to different areas in the software can talk with anyone like him or professional users through text messages and audio calls or video conversations through this site , and anyone can communicate via this site through a PC or mobile phone or tablet device

**2.2. Functional Requirements**

The programmer site supports one type of user: the Software Professionals, and anyone interested the software , to use the site you must first register on the site and fill Profile information of user, to start using site login and began use the site as you like, and can you Remains Viewing on notifications and conversations and different pages and courses that interest you ,the behavior of the system leads to the following functional requirements:

**2.2.1. Signup to the website**

User access internet from any brewer to reach registration page fill all person information as well as email and specify his password

2.2.2. log in to the website

just enter your email and password to access your account on the programmers site

2.2.3 forgetting your password

Just enter your email and we will send a message to your email you register with .

Having your password

2.2.4communcation with other

Allow you to use chat bar to send massage ; voice calls and video conversation with other users

2.2.5 follow notification

Allow you to view all courses, update and technology news and comment on posts , give your option and resave answers

2.2.6 make posts and search

Allow you to write your option , problems and your suggestion and other users response to your post.

Allow search for any post or person was regenerated before and any wall in the site by name an

2.2.7 Downloaded needed software

Provide allow software for all programming language , database ,operation system, …etc.

2.2.8 log out from website

Allow you to exit from your account on this device.

**2.3 Nonfunctional Requirements**

**3.3.1. Usability**

* ***Simple to used***. The website rules of programmers must enter your correct email, The user adapt to use the site consists of working with it .
* ***Exchange of experiences***. user should support each other. Otherwise the user would not contain in this site .
* ***Offering courses*** . To support the users as much as possible during the used of site, all relevant information of the courses must be visible to all users.

**3.3.2. Reliability**

* *Server save*. The site web application should not be server down more than 5% run time maximum.

**3.3.3. Performance**

* ***Short response time***. The loading time of the site web application must be smaller than 10 seconds. All other response times must be below 5 seconds.

**3.3.4. Supportability**

***Programming : support more*** [computer HYPERLINK "http://en.wikipedia.org/wiki/Computer\_language"l HYPERLINK "http://en.wikipedia.org/wiki/Computer\_language"anguage](http://en.wikipedia.org/wiki/Computer_language) (C, C++, C#, Java, Lisp, Python, etc.)

***Courses :support courses in all fields such as database ,oop , operating system , information technology,…etc.***

***Communication: support massage text ,voice calls ,video conversation***

***Softwares :***. Support all programming in software we needed such as (Dev ,NetBeans, eclipse ,code Blocks)

And operation system like windows Linux and mac