SOCIAL NETWORK OF COMPANIES

SNC

1.INTRODUCTION

There are various socail networking websites available on internet but the purpose of these websites is mostly entertainment, our concept also involve social networking, but entertainment is not the aim. SNC(Social Network For Companies) is a webportal that allowes companies around the world to interact with each other. Its a platform where companies from all around the world would gather to share ideas and experiences.

MOTIVATION AND SOLUTION:

The following three scenarios are basically the motivating factor behind this idea :

1.What if Steve Jobs was born in Nigeria? A country with lack of resources. Would I be typing this document using a my mac machine? Probably not. The basic equation of money and fame in our perception would be

SUCCESS(money & fame) = Idea + RESOURCES + hardwork.

A person living in some third world country may have the creativity, the talent, but he always run short of resources.On the other hand, maybe in some other part of the world there is a company which has all the required resouces but runing short of talent and bright ideas. Bring these two together would not only be benificial for them but would also be benificial for other people of the world.

2.During the process of horizontal and vertrical growth, a company faces lot of problems and obstacles such as low budgeting of companies for traveling to find partner in a project, participate in a project, find a proper target audience to advertise individual/organizational skills, limited access to the outside world if a small company wants to cooperate with big companies by sharing in executing projects or wants to get consult from them in special field and uses their experience.

3.A person in need to buy certains items of daily use, his list involves items of various categories. If we give him a choice between two places

•A big retailers store where he can get quality and variety both for items of all categories.

•Other place is a big market with various shops where he has to move from shop to shop in search of his items, basically first he has to perform a market survey and then he will analyze from where he can get the best item at lowest cost and then he will finally do the shoping.

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He would definatly prefer first option,"All Under One Roof Store" which would also enable seller and buyer a fair trade facility.

Analyzing these scenarios made us realize that there should be a system

•which would help companies to **introduce themselves globally**.

•**Utilizing potential** of people by providing them a facility to advertise themselves online.

•Which would provide SME (Small and Medium Enterprise), a mean to get in touch with bigger organizations, and **climb up the leader** by utilizing their experiences.

•Which would provide **Fair trade** facility, by eliminating the middle man and providing producers with the opportunity to link themselves directly with the consumers.

Hence we came up with a solution in a shared information web portal for collecting the information about the companies called "Social Network of Company".This portal gives possibilties for companies to introduce themselves to the market and to become familiar with other companies, their stretgies, policies and services. And not just familiar, familiarity is just the first step, they can develop some suitable conditions to work together. Needs of one company can be wants for the others. Product of one company can be requirement for the other.This application can help big companies develop relationships giving them an opportunity to grow hrizontally.
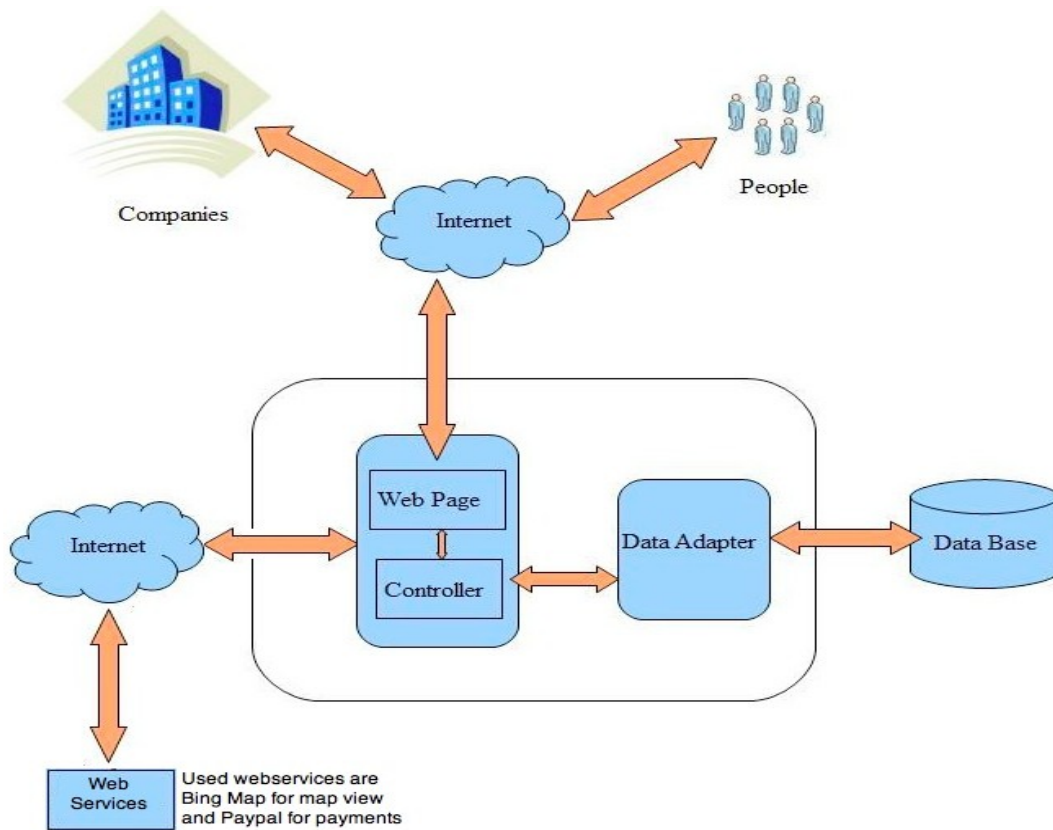
2.Design

2.1.Usecases
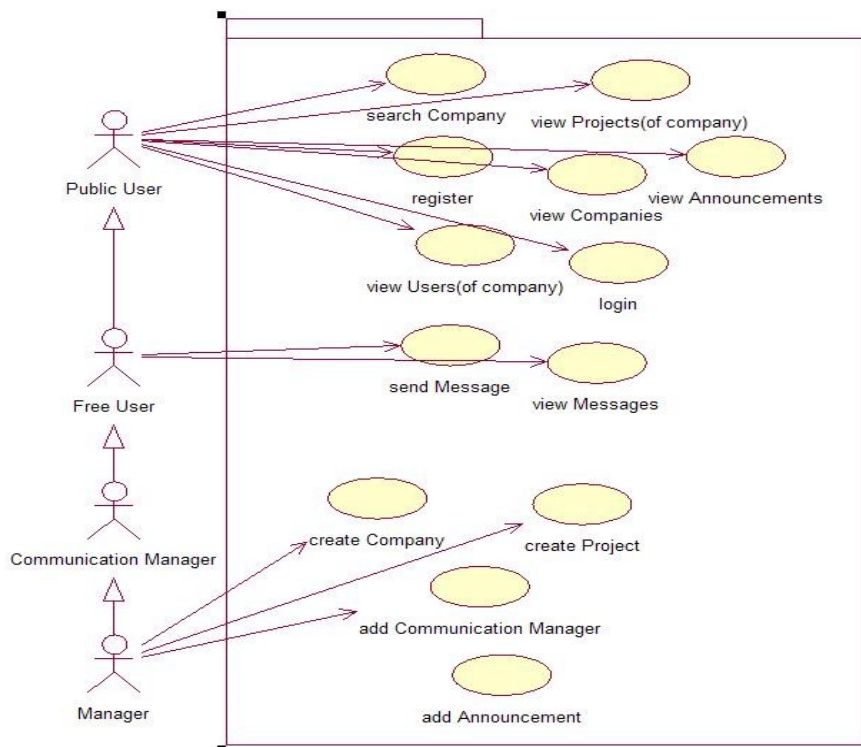
The figure of usecases is based on the roles . All usecases are related the public user and the other users that extend public user.

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2.2.Architecture

The architecture has two parts for clients : Companies and People and three parts inside the system web pages , controller classes and data adapter classes (classaes are responsible of create , remove , update and select from tables) and final part is data base.

3.Modules&Funcationalities

3.1.Users

Users of system can be of two following types :

3.2.1.Unregistered Users:

An unregistered user (public user) who does not register in the application has the capabilities to search a company, view profile of companies, view announcements, view projects of company and view users of companies.

3.2.2.Registered Users

Every user can register in the system and fill the main informations about himself after that user has a profile that includes the picture of the user , the informations and the function he can perform.

• *Free Use :* communicate with companies as an individual by messaging service.

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• *Communication Manager :* Can link himself with a company and then can communicate as a representative of that company with other communication managers of other companies. Because other companies can see the position of the user that communicate with them by message.

• *Manager :* Manager can add other companies against the created companies and can form a network against each company. For this manager of the company will send a request to the manager of the other company that he wants to add his company in his network of companies. The network of each company will be displayed via pins on bing map.create companies, create project, create announcement, add communication manager, send messages to other companies as an individual or as manager of added companies(Manager should pay 20 euros per month to the system)

• *System Admin :* Another role is system admin who is the first user and his informations are filled in database. This user does not need to register and can control all of the systm this user. The system admin consist of the following features: in his profile view inappropriate flagged requests, reply to the requests, block/unblock a user , ask the company for verification documents, suspend the company

3.2.Companies

- Profile : Each company will have a profile that will display its logo, description about the company, the list of projects and list of communication managers.

- Communication Manager : Each company has one or more communication manager, assigned or created by company manager. Communication manager has access to inbox. He can send and receive emails.

- Projects: Company manager can add projects in their profile, list of the projects are showed in the system for all types of users. Project has the following attributes on the baises of which user can differenciate between them

• *Status :* It shows the current status of the project in the company. The project can have two statuses. "*On Going*" which means the project is still not finished and "*Completed*,"which means that the project is finished.

• *Type :* It shows the type of the project.The project can have two types."*Public*," which means thats other companies can take part in the project by sending proposals. "Private" which means that no other company can take part in the project.Company manager can edit and delete the projects aswell (Not implemented)

- Mark as inappropriate : On company profile page, there would be a button that would read "Mark As Inappropriate". This button can be used by users of the website to mark that company as inappropriate/illegal/fraud. On clicking this button, a dialogue box will appear where user will be able to wirte reason for his action. These reasons will be sent the website admin who will review the case and will take appropriate action against the company.

3.3.Messages:

The main part of project is messaging that it use for sending message to users and companies in by every registered user. Every registered user has own inbox in his profile and he can do the these functions:view recieved messages, view sent messages ,send a message, delete a message.

There is a message type field that can be selected according of need of user to sending message. It can be : *request of project* , *question* or *request of contract*.

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On the other hand ,the compnay and registered user can receive the messages in their profiles and according the type , they anderstand the reseaon of message , In addition , message should tell the receiver about the position of the sender in the company. For public user this field would be empty.

4.Conclusion

One of the todays concern is related the world of business and work. So people and companies try to find an easy way to communicate with other companies. So the existance of coherent system allowes them to reach their goals quickly. We suggested the SNC solution and we think that a centralized system of communication can help people and company to grow their business activities. This solution can be extended and use globally by this way everything is related to work such as finding job or other things can be added to this project.

SNC Profile

Team Name	SNC
Team Member	Saeedeh Mehrouzi Naseer Ahmad Artem Anchugov
Competetion Category	Software Design
Millennium Goals	Develop a global partnership for development
Technologies and Tooles	Microsoft ASP .NET / Bing Maps / Microsoft SQL Server 2008 Microsoft Visual Studio
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