

Acknowledgement

The feeling of gratefulness to any one's help directly arises from the bottom of heart. A small but an important and timely help can prove to be a milestone in one's life.

Even human being has such kind of experience. Being human being, we also have, the same feeling of gratefulness of today we have achieved an important milestone in my life.

This project is dedicated to all the people, whom we met, took guidance, talked, interviewed and learned something from them. At this occasion we sincerely thank all of them while submitting this project report.

We would like to heartily thank Mr. Hiren Champaneri, Mr. Keyur Patel, Mr. Amit Patel who has provided us necessary information and guidance for the success of this project.

Last, we would like to extend thanks to all our classmates also. On this occasion we would like to thank Mr. D.A.Shah (HOD, Computer Department) without whom this would have not been possible. We are thankful to him for giving time-to-time and valuable guidance during the project period and giving us guidance in taking our curriculum decision and choosing, initiating and getting on with the project.

We always have felt the invisible help from the almighty, without the blessing almighty, we could not have succeeded.

Index Content

Chapter No	Content	Page No.
1	Project Profile	3
2	System Analysis	
	2.1 The Existing system	4
	2.2 Problem Definition	5
3	Hardware & Software Specifications	7
4	System Design	
	4.1 Context Diagram	10
	4.2 Data Flow Diagram	11
	4.3 Entity Relationship Diagram	13
	4.4 Data Dictionary	15
5	Input and Output Design	25
	5.1 Screen Shots	25
6	Testing	55
7	Future scope and limitations	57
8	Bibliography	58

Project Profile

Project Title	WebDevloement for Social Network.
Project definition	Social networking-Community site provides communication to various employees of the company and also employees can get also the features as current community Site.
Developer for	Revolution Creation
Internal project guide	Mr. Hiren Champaneri Mr. Keyur Patel Mr. Amit Patel
Team Size	3
Team Member	Rathod Gunwant M. Suthar Shivangi J. Suthar Dipal J.
Hardware configuration	Processor : Intel Pentium-IV Processor Ram :- 512 MB Hard disk : - 20GB
Front end	Microsoft ASP.Net 2008 with C#
Back end	SQL Server 2005
Operating system	Microsoft XP Service Pack 2

Existing System Study

- ☐ Employees while communicating through phone and internet chat.
- ☐ Legal Documents sharing was done with Emails and Manual file works.

When Employee needs communicating with another Employee they have two

Option:

(1) Phone :-

In phone communicating it connect with telephone to desire Employee.

(2) Chat :-

When they are use to internet chat that time it must be read internet.

In sharing of legal document via email employee must be upload a file in email and receiver download a file from email. So, in existing system file sharing task performed by email.

Project Definition

Social networking-community site provides communication to various employees of the company and also employees can get also the features as current community site.

□ Registration :-

When Employees want to add in this application it easily to registration in this application.

□ Manage profile :-

Employees easily edit profile to desire change.

□ Search Employees :-

Employees easily search other employees by employee information.

□ Request for employees :-

Employees can find another employees then send a request for join and add inn own account.

□ Scrap :-

Send and receiver scrap by employees.

□ Photo Gallery :-

Employees can easily upload photos own employees account easily.

□ Chat :-

It is easily communicating with online employees.

□ Feedback :-

If employees want communicating with employees its feel feedback and send that feedback it direct connect with admin and read that connect.

Hardware and Software

Hardware :-(Recommended)

Processor : Intel Pentium-IV Process

Random Access Memory : (Minimum) 512 MB

Hard Disk : 20 GB

Software :-(Recommended)

Front-End : Visual Studio 2008

Web Server : IIS 5.1

Back End : SQL server 2005

Support : Framework 2.0

Operating System : Windows XP (service pack 2)

Supporting tools : Microsoft Word for document

Data Flow Diagram

Data Flow

- ☐ A data flow diagram shows the logical flows of data through a transaction processing system of an organization.
- ☐ They are primarily used in the systems development process as a tool for analyzing an existing system.

Data Flow:-

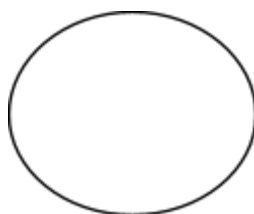
- ☐ Data move in specific direction from an origin to a destination in the form of a document.

-

-

Process:-

- ☐ Procedures or devices that use or transform data.



Source or Destination of Data:-

- ☐ Source or Destination of data, which may be people, organization or other entities, interact with the system but are outside its boundary.

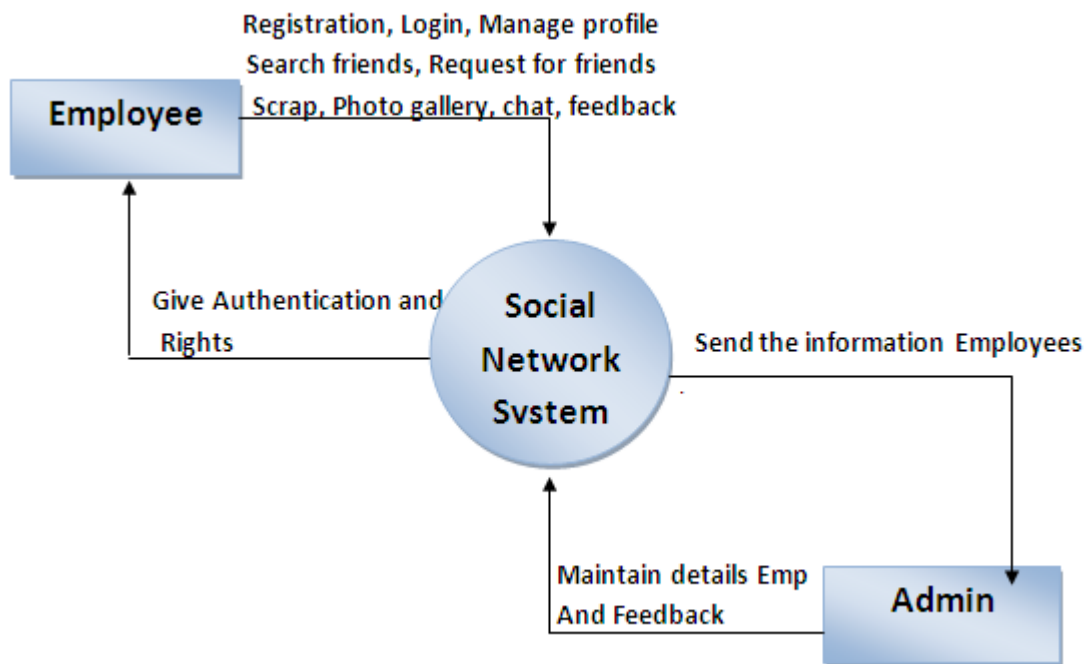


Data Store:-

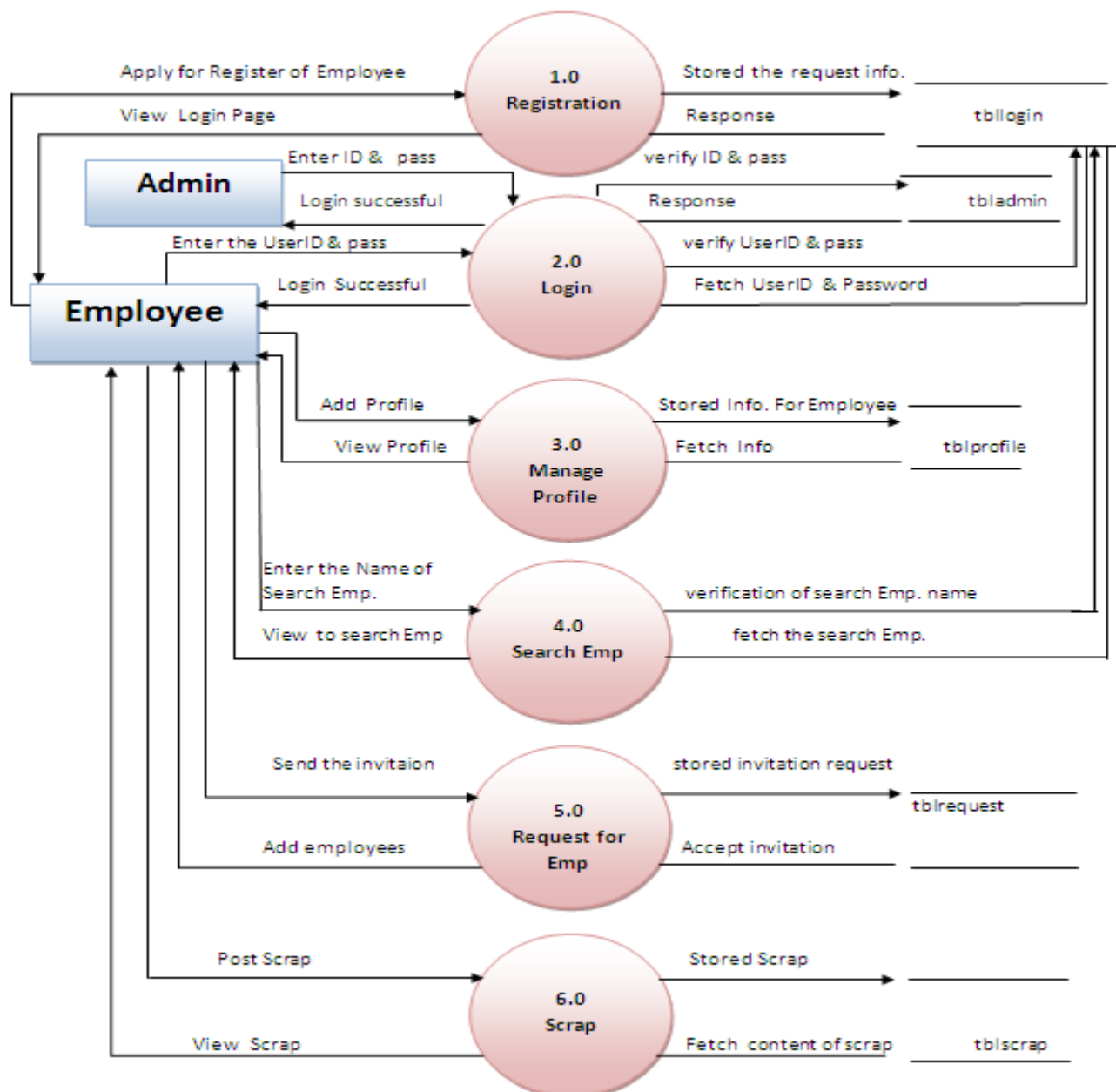
- ☐ A Data Store referenced by a process in the system.

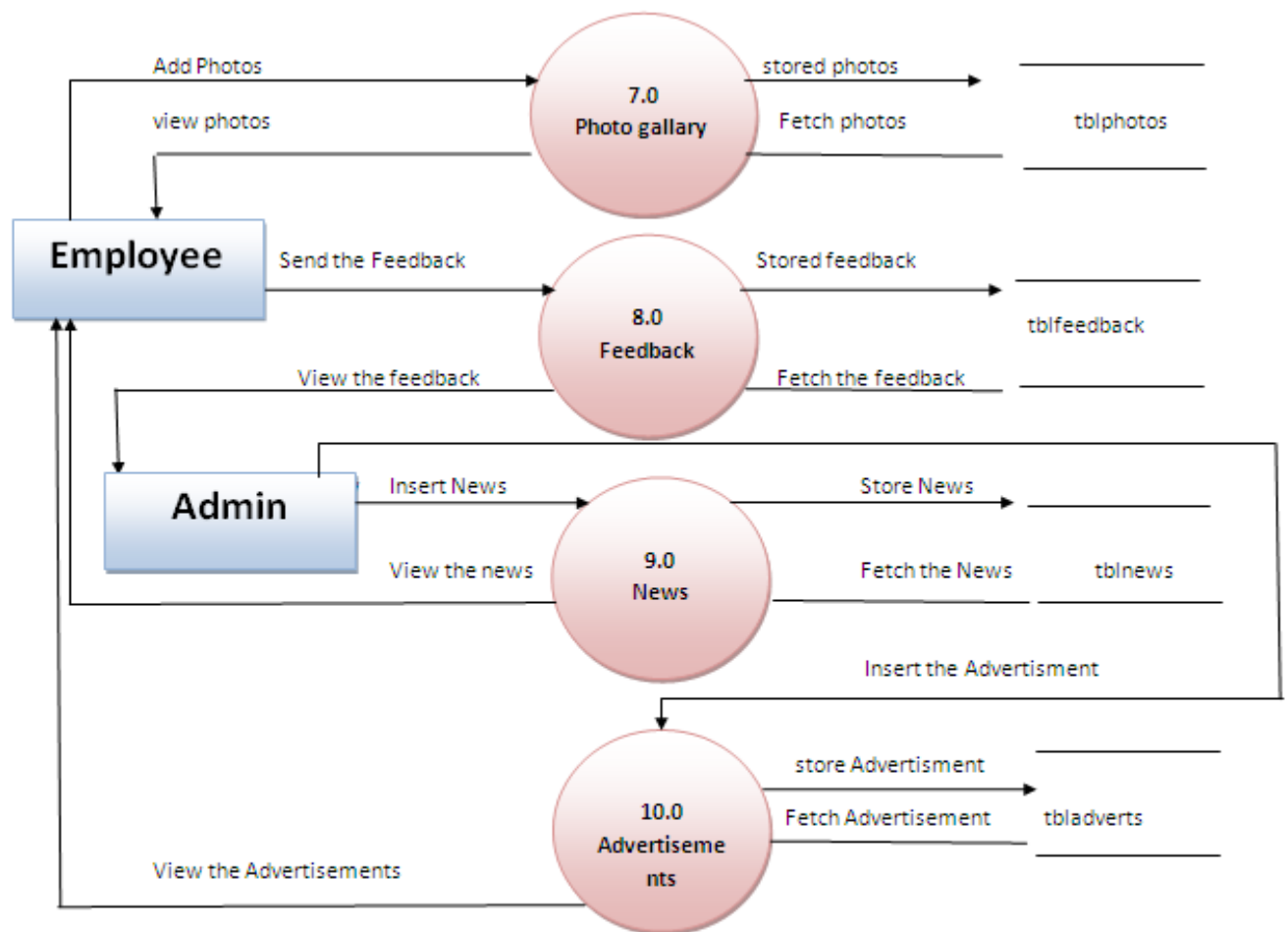
System Design

□ Context Diagram For Remote



First Level Diagram





E-R Diagram

Entities-relationship analysis uses three major abstractions to describe data.

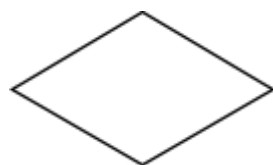
1) Entity:-



2) Attribute:-

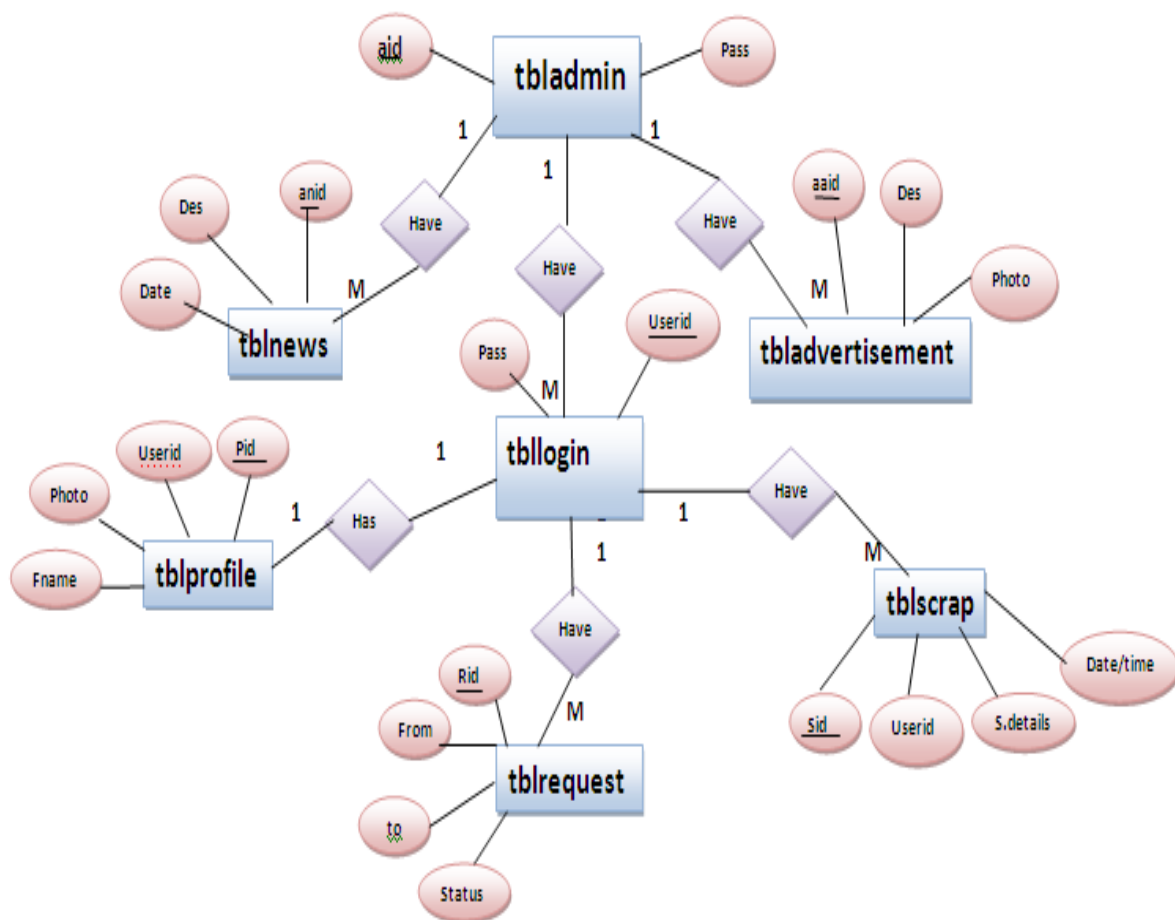


3) Relationship:-



- ☐ The diagram documents the entities and relationship involved in the employee information and payroll system.
- ☐ It depicts the fundamental relations like recording personnel information, paying salary and getting a loan.
- ☐ The E-R Diagram for a Employee Payroll system can

E-R Diagram



Data Dictionary

Table Known	Table Name
Tbllogin	Registration(Login)
tblprofile1	Profile
Tblrequest	Request friends
Tblscrap	Scrap
Tblphoto	Photo gallery
Tblfeedback	Feedback
Tbladmin	Admin Login
Tbladd	Advertisement
Tblnews	News

Data Dictionary

Table Name:-tbllogin

Purpose:-Employee login

Fieldname	Data Type	Length	Constraints	Description
UserID	Varchar	30	Primary Key	Emp.EmailID
Password	Varchar	15	Not null	Emp.Password
First name	varchar	20	Not null	Emp.F.name
Middle name	Varchar	20	Not null	Emp.M.name
Last name	Varchar	20	Not null	Emp L.name
State	Varchar	20	Not null	Emp state

City	Varchar	15	Not null	Emp city
Pin	Number	6	Not null	Emp city pin
Security question	Varchar	100	Not null	Sec Que of Emp
Securityans	Varchar	100	Not null	Sec Ans of Emp
Status	Varchar	1	Not null	Status of emp.

Table Name: -tblprofile

Purpose: - Add the profile of emp.

FieldName	Data Type	Length	Constraints	Description
Pid	int	-	Primary Key	Profile Id
UserID	Varchar	30	Foregin Key	Emp.EmailId
Photo	Varchar(Ma)	-	Not null	Emp.Photo
First name	Varchar	20	Not null	Emp.F. Name
Middle name	Varchar	20	Not null	Emp.M.Name
Last Name	Varchar	20	Not null	Emp.L. Name

Gender	Varchar	6	Not null	Emp. Gender
Dateofbirth	Date/Time	-	Not null	Emp.BOD
City	Varchar	15	Not null	Emp. City
State	Varchar	20	Not null	Emp ct.state
Pin	Number	6	Not null	Emp.ct.Pin
Phone no	Varchar	12	null	Emp.Phoneno
Mobile no.	Varchar	10	null	Em.Mobileno

Table Name:-tblrequest

Purpose: - Send the req. for adds fnds.

FieldName	Data Type	Length	Constraints	Description
Rid	int	-	Primary Key	Profile Id
Reqfrom	Varchar	30	Not null	Req. friends send
ReqTo	Varchar	30	Not null	Req. friends Agree
Status	Varchar	1	Not null	Status of emp.

Table Name:-tblscrap

Purpose:-send scrap

FieldName	Data Type	Length	Constraints	Description
Sid	Int	-	Primary Key	Scrap Id
Sname	Varchar	30	Foregin Key	From User

Sch	Varchar	20	Not null	To User
Sdetails	Varchar	100	Not null	Scrap Contain

Table Name:-tblphoto

Purpose:-photoGallary

FieldName	Data Type	Length	Constraints	Description
Photid	Int	-	Primary Key	PhotoId
UserID	Varchar	30	Foreign Key	Emp.EmailId

Photoparth	Varchar(MAX)	-	Not null	Emp photo
Comment	Varchar(MAX)	-	Not null	Emp. Comment

Table Name:-tblFeedback

Purpose:-user Service Feedback

FieldName	Data Type	Length	Constraints	Description
Fid	Int	-	Primary Key	Feed_Id
Name	Varchar	30	Not null	Emp. Name
Address	Varchar	100	Not null	Emp. addres
City	Varchar	15	Not null	Emp. City

State	Varchar	20	Not null	Emp. State
Country	Varchar	20	Not Null	Emp Country
Phone	Varchar	12	Null	Emp Phone
Mobile	Varchar	10	Null	Emp. mobile
Fdate	Date time	\-	Not Null	Emp. date
feedback	Varchar	200	Not Null	Emp. Query

Table Name:-tbladmin

Purpose:-Administrator

FieldName	Data Type	Length	Constraints	Description
UserID	varchar	30	Primary Key	Admin.EmailID
Password	Varchar	15	Not null	Admin .Pass

Table Name:-tbladvertisement

Purpose:-send the Advertisement

FieldName	Data Type	Length	Constraints	Description
Aaid	Int	-	Primary Key	Advertisement ID
Advertisement	Varchar	20	Not null	Advertisement
Adec.	Varchar	100	Not null	Advertisement dec.

Type	Varchar	20	Not null	Advertisement type
Photos	Varchar(MAX)	-	Not null	Advertisement Photos

Table Name:-tblnews

Purpose:-send the news

FieldName	Data Type	Length	Constraints	Description
Anid	Int	-	Primary Key	Advertisement ID
News	Varchar	20	Not null	News
News date	Date/time	-	Not null	News date
News details	Varchar	100	Not null	News details

Input & Output Design

(a) Screen Layout

Login.aspx



In this page sign in use, if user account available in this site otherwise user create new account in this site and login in his personal profile.

Register.aspx



Revolution Creation
Community Site

Register Your Self Here

FirstName:

Middle Name:

Last Name:

UserID:

Password:

Re-Password:

State:

City:

Pin:

Security Question: ▼

Ans:

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This is Register form, first user registration in this form.

Login.aspx



Revolution Creation
Community Site

Sign in

UserID:

Password:

[Sign up](#)

[Forget Password ?](#)

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This is login form. User account available in site, this person login in his profile.

Login.aspx



Revolution Creation
Community Site

Sign in

Email ID:

Password:

UserID and password invalid

[Sign up](#)

[Forget Password ?](#)

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This is login form. User account available in site, this person login in his profile.

Adminlogin.aspx

A screenshot of an 'Admin Login' web page. The page has a dark blue background. At the top, there is a horizontal yellow bar with the text 'Admin Login' in a dark blue, serif font. Below this bar, the text 'Admin UserID:' is followed by a white text input field containing the text 'admin'. Below that, the text 'Password:' is followed by a white password input field containing three black dots. At the bottom of the login fields, there is a small, rectangular button with a blue gradient and the word 'Login' in a dark blue font.

This page is admin login page, in this page only admin access.

Authentication.aspx



This page is authentication page in this page only admin edit, no any person. And permit user access his profile.

Authentication.aspx



This page is authentication page in this page only admin edit, no any person. And permit user access his profile.

Forgetpass.aspx



Revolution Creation
Community Site

Forget Password ?

UserID

Security Question

Ans

Password

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This page displays the forget password of the user.

Login.aspx



This page is sing in, and user access his personal profile.

Profile.aspx



Revolution Creation

Community Site

Welcome To: Krunal2010

[Logout](#)

Profile

Photo: [Browse...](#)

First Name:

Middle Name:

Last Name:

Gender: ☒ Male ☐ Female

Birth of date:

City:

State:

Pin:

Phone no.:

Mobile no.:

[Submit](#)

In this page user fill his form detail and submit form.

Home.aspx



This is home page.

SearchUser.aspx

Welcome:Krunal2010
Logout

Home
Profile
Scrap
Feedback

Search
Go

Your Searched Information Is Listed Below:

	Show Details
Paras Paras Kadi,Gujaarate	Paras_P
Paras Parikh Kadi,Gujarat	Paras_P2050

[Profile](#)
[Scrap](#)
[Photos](#)
[Delete friends](#)
[Chat](#)
[Change Password](#)
[Check New Request](#)

Rate is increase
6/7/2010

Search friends.

Requestuser.aspx

Welcome:Krunal2010
Logout

Home
Profile
Scrap
Feedback

Search
Go

Request User From Here...
Paras_p2050

Your User Information Is As Below:

Fnm: Paras
Mnm: J.
Lnm: Parikh
Email: Paras_P2050
City: Kadi
State: Gujarat

Request Now
Close

Profile
Scrap
Photos
Delete friends
Chat
Change
Password
Check New
Request

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in ASP.NET, AJAX
Learn ASP.NET, AJAX, JavaScript & more from Microsoft experts with our comprehensive online training library!
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Learn DevPro.com

Send Request his friends.

Requesrfreind.aspx



Response his friends.

Home.aspx



This is home page.

Home.aspx

Welcome: **Paras p2050**
[Logout](#)

[Home](#)
[Profile](#)
[Scrap](#)
[Feedback](#)

Search [Go](#)

[Profile](#)
[Scrap](#)
[Photos](#)
[Delete friends](#)
[Chat](#)
[Change Password](#)
[Check Now Request](#)

Profile Details

First Name: **Kamal**
Middle Name: **J.**
Last Name: **Chaudh**
Gender: **Male**
B-Date: **25/3/1988**
City: **Samud**
State: **Gujarat**
Pin: **382110**

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[Rate is increase 5/7/2010](#)

In this page display his personal detail.

Scrap.aspx



Send scrap.

Deletefriends.aspx



Delete friends.

Photogallery.aspx



Photo gallery.

Deletefriends.aspx



Delete friends.

Feedback.aspx

WelCome: Paras_p2050 [Logout](#)



[Home](#) [Profile](#) [Scrap](#) [Feedback](#) [Search](#) [Go](#)



[Profile](#)
[Scrap](#)
[Photos](#)
[Delete friends](#)
[Chat](#)
[Change Password](#)
[Check New Request](#)

Feedback

Name
Address
City
State
Country
Phone no.
Mobile
F.date

June						
Mo	Tu	We	Th	Fr	Sa	Su
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

Feedback [Submit](#)

Feedback is Succesfully

naukri.com
12,672 IT Jobs Found!
Exciting Roles & Good Salaries at -

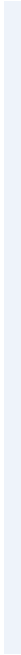
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Rate is increase
6/7/2010

Give a feedback.

Chat.aspx

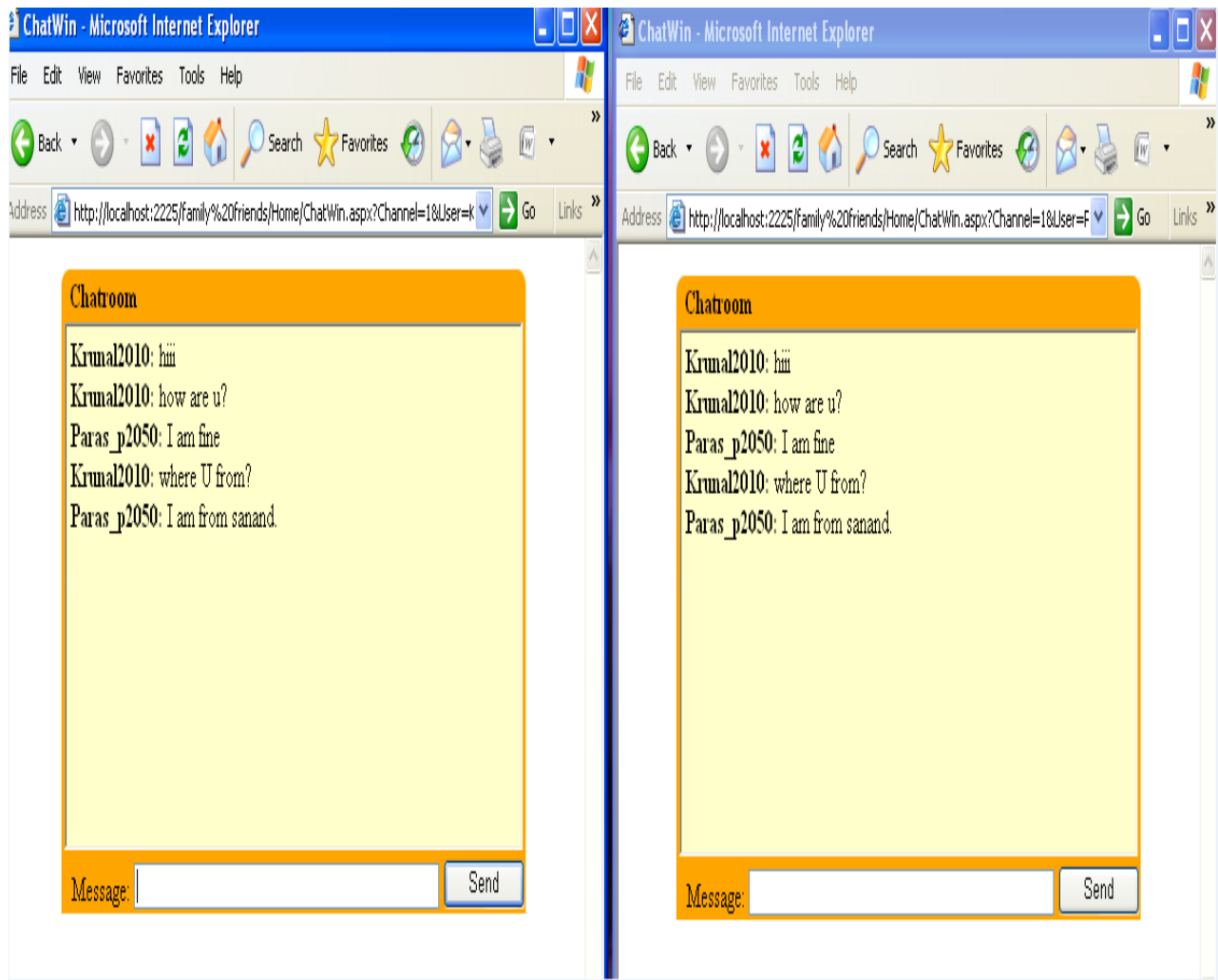


Channel

UserID

Chatting form.

StartChat.aspx



two user chat with each other.

Advertisement.aspx

Wel Come To: admin



Admin Panel

Home Advertisements News Check User Feedback Change password Enable/Disable Logout

Advertisement

Advertisement:

Description:

Add Type:

Upload Image:

In this page advertisement and display user side.

Advertisement.aspx

Wel Come To: admin



Admin Panel

Home Advertisements News Check User Feedback Change password Enable/Disable Logout

Advertisement

Advertisement
Description
Add Type
Upload Image

Successfully Send Advertisement

	Advertisement ID	Admin UserID	Advertisement	Advertisement Dec.	Advertisement Type	Photo	
	13	admin	Computer	Rate	Sales	~/Admin/adminImages/imgad.gif	Delete
	14	admin	ASP	Learn Asp	Aspnet with C#	~/Admin/adminImages/LDN.expert.as.2.gif	Delete

In this page advertisement and display user side.

News.aspx

Welcome To: admin



Admin Panel

Home | Advertisements | News | Check User | Feedback | Change password | Enable/Disable | Logout

Admin News Page

News:
Date:

June						
Sa	Mo	Tu	We	Th	Fr	Sa
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

News detail:

Successfully Send News

News ID	News	News Date	News Details	
6	Petrol	6/7/2010	Rate is increase	Delete
9	Ind v/s Zim	6/13/2010	India win by 6 wickets against Zim.	Delete

In this page add a news and display on user side.

Checkuser.aspx

Wel Come To: admin



Admin Panel

Home Advertisements News Check User Feedback Change password Enable/Disable Logout

Kadi

	UserID	City	pid	
	Paras_p2050	Kadi	8	Delete

Check user.

Adminfeedback.aspx

Wel Come To: admin



Admin Panel

Home Advertisements News Check User Feedback Change password Enable/Disable Logout

Feedback ID	Name	Address	City	State	Country	Phone	Mobile No.	Feedback Date	Feedback	
4	Krunal	sanand	Sanand	Gujarat	India	02717223318	9429027914	6/3/2010	Hummm how r u? I m fine.	Delete
5	Paras	Kadi	Sanand	Gujarat	India	02717223318	9429027914	6/14/2010	Hum how r u?	Delete

Admin check a feedback.

Adminpasswordchange.aspx



The screenshot shows a web application interface for an Admin Panel. At the top, there is a banner image of five people jumping joyfully in a grassy field under a blue sky. To the right of the image, the text "Admin Panel" is displayed in a large, stylized font. Below the banner, there is a horizontal navigation bar with several buttons: "Home", "Advertisements", "News", "Check User", "Feedback", "Change password", and "Logout". The "Change password" button is highlighted. To the right of the navigation bar, the text "admin" is displayed in red. The main content area has a dark blue background and contains the title "Change Password" in a large, white, serif font. Below the title, there are three input fields: "Current Password" with the value "krunal", "Password" with five dots, and "Re-Password" with five dots. A "Submit" button is located below the input fields.

Admin Panel

Home Advertisements News Check User Feedback Change password admin Logout

Change Password

Current Password

Password

Re-Password

In this page admin change his password.

Testing

Importance of software Testing

The importance of software testing and its impact on software cannot be underestimated. Software testing is a fundamental component of software quality assurance and represents a review of specification, design and coding. The greater visibility of software system and the code associated with software failure are motivating factors for planning, through testing. It is not uncommon for a software organization to spend 40% of its efforts on testing.

Software Testing Fundamentals

During testing the software engineering produces a series of test cases that are used to “rip apart” the software they have produced. Testing is the one step in the software process that can be seen by the developer as destructive instead of constructive. Software engineers are typically constructive people and testing requires them to overcome preconceived concepts of correctness and deal with conflicts when errors are identified.

Black Box Testing

Black box testing relates to the tests that are performed at the software interface. Although they are designed identify errors, black box tests are used to demonstrate that software function are operational; that inputs are correctly accepted and the output is correctly produced. A black box test considers elements of the system with little interest in the internal logical arrangement of the software. White box testing of the testing involve closer examination of procedural detail. Logical paths through the software are considered by providing test cases that exercise particular sets of conditions and / or loops. The status of the system can be identified at diverse points to establish if the expected status matches the actual status.

Black box testing tries to find errors in the following categories:

1. Incorrect or missing functions,
2. Interface errors,
3. Errors in data structures or external database access,
4. Performance errors, and
5. Initialization and termination errors.

White Box Testing

White box testing is a test case design approach that employees the control architecture of the procedural design to produce test cases. Using white box test approaches, the software engineering can produce test cases

1. Guarantee that all independent paths in a module have been exercised at least once.
2. Exercise all logical decisions.
3. Execute all loops at their boundaries and in their operational bounds. Exercise internal data structures to maintain their validity.

Future Scope

- ☐ In the features we build message, video gallery.
- ☐ We also provide high security and reduces disadvantage.
- ☐ Reduces high cost.
- ☐ Reduce the time consuming.

Limitation

- ☐ This System is temporary not provide message, video gallery.
- ☐ This system is temporary use from company employees.

Bibliography

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