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**“ALMA – CONNECT”
A WEB BASED ALUMNI REPOSITORY SYSTEM
(USING C# AND ASP. NET)**

By

**MANISH JAIN -021204
ASHISH KUMAR -021220
KUMAR VIBHUTI VAIBHAW -021214**



MAY-2006

Submitted in partial fulfillment of the Degree of Bachelor of Technology

**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING
JAYPEE UNIVERSITY OF INFORMATION
TECHNOLOGY-WAKNAGHAT**

CERTIFICATE

This is to certify that the work entitled, "ALMA CONNECT -- A web based alumni repository system using C# and ASP.NET ", submitted by ASHISH KUMAR, MANISH JAIN and KUMAR VIBHUTI VAIBHAW in partial fulfillment for the award of the degree of Bachelor of Technology in Computer Science and Engineering of Jaypee University of Information Technology has been carried out under my supervision. This work has not been submitted partially or wholly to any other University or Institute for the award of this or any other degree or diploma.


(Mrs. Chetna Dabas)

Lecturer

Department of Computer Science & Engineering

ACKNOWLEDGEMENT

The Project "ALMA CONNECT" was successfully completed with the help of a lot of individuals who provided their full support & helped us at each and every step as and when needed. We wish to thank our supervisor **Mrs. Chetna Dabas** for her generous support. We also acknowledge the many helpful comments received from our teachers of the computer science department for their help and visualization. We also wish to acknowledge the University for its services provided and Mr. Shri Ram (librarian) who helped us to get all the study material & books required to head this project in right direction. We are also thankful to all the students of Jaypee University of Information Technology who actively helped us during the Requirement & Testing Phase of this Project. Their valuable feedback helped us in constantly improving the project and as a result we have released the final version 1.0 of our system. At last we extend our apologies to anyone we may have failed to mention without whom this project would have never taken shape as it has today.

Thank You ...!

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LIST OF ABBREVIATIONS

ADO	<u>ActiveX Data Control</u>
ASP	<u>Active Server Pages</u>
CLR	<u>Common Language Runtime</u>
DNS	<u>Domain Name Server</u>
FTP	<u>File Transfer Protocol</u>
HTTP	<u>Hyper Text Transfer Protocol</u>
IDE	<u>Integrated Development Environment</u>
SMTP	<u>Simple Mail Transfer Protocol</u>
SOAP	<u>Simple Object Access Protocol</u>
SQL	<u>Structured Query Language</u>
WAP	<u>Wireless Application Protocol</u>
XML	<u>Extensible Markup Language</u>

ABSTRACT

One of the most powerful assets any university builds over the years is its alumni network. Its an important component for realizing the goals of the university in building lifelong bonds of kinship with the students who have passed out. So as the Member of the First Batch of Jaypee University Of Information Technology ,Waknaghat , we the group of three students thought of **Designing , Developing and Implementing** a much awaited **Alumni Repository System – “Alma Connect”** which acts as a bridge between the university and its past students . The main aim of this system is to provide contacts, maintain link between Institute and Alumni for alma matter and share the growth and achievement vice-versa for mutual development and advancement. The system also facilitates the alumni already employed in reputed organizations in India and abroad in helping the final year students in project works and employment opportunities in their respective organizations via employee referral program etc . It also ensures the easy single window Donating facility for funding various projects etc and Bulletin Board to keep updating the alumni’s regarding the latest events .

The System has been designed keeping in mind the vast number of JUITians who have distinguished themselves all across the world so in order to connect all these on a common platform at the ease of there working location this software enables them to form a Group or Association of Alumni online i.e. chapters in major cities in India (ex:- delhi, shimla, banglore, hyderbad) & abroad (ex:- US , Italy ,Australia , and Singapore) .

The unique feature of **Alma@Mobile** is very useful to be in touch with old friends and form a social network anytime , anywhere on move via one’s Mobile Handsets .Thus diminishing the dependency of users on Computers & Internet in order to serve to there Alma Call .In short this project facilitates in efficient management of the ‘Symbiotic Relationship’ between the **ALUMNI – UNIVERSITY – STUDENTS** .

INTRODUCTION

PROJECT OVERVIEW

Once the student registers in a university he/she registers not only till the duration of the course but for Lifetime . This Everlasting bond is eternal and need to be nurtured and managed in a professional way using the latest Technology . Presently majority of the universities are doing this using a Desktop Based software or a Website for alumni but these have there own limitations like Accessibility and User Involvement . In addition there are hardly any university as per our knowledge that provides these features on mobile handsets giving truly 24 X 7 – Anytime-Anywhere-OnMove service to its registered members using WAP .

There has been the major Paradigm Shift with the mobile phones outnumbering the desktops all across the world i.e. now the software development needs to cater to the demands of the users to give service on mobile .Our Alumni Project is no exception to this phenomenon, thus we also had to design & develop a WAP (Wireless Application Protocol) based mobile Alumni information system called 'Alma@Mobile' in addition to the traditional web based system .

Our system builds a network of alumni and provides information about the alumni of the university and thus help in strengthening the relationship between past students and the university .It is an Internet based application that can be accessed throughout the world by any authorized user who can access the Alumni Information System to know about

any Alumni of the college .However the system does not allow users to update or add details for other members. One can update only his profile as and when one need to.

Users or Alumni Members can post any job vacancy for their peer members using the Employee Referral Program, they can also donate funds to university for starting some new projects etc .It also provide feature for viewing all the notices posted by the coordinator alumni relation of the university and to give feedback .Members can search for there batch mates , advanced search feature also provides the multi parameter search with photographs i.e. search just by keying in any keyword for example just the home town , or last name , or company he is presently working in .

Functionality

- A Pass out student can register himself and become a member .
 - Login facility for authentication & security since members data are confidential .
- User can Update his profile but can not delete there record without approval from administrator

The application provides two type of search options

Simple search

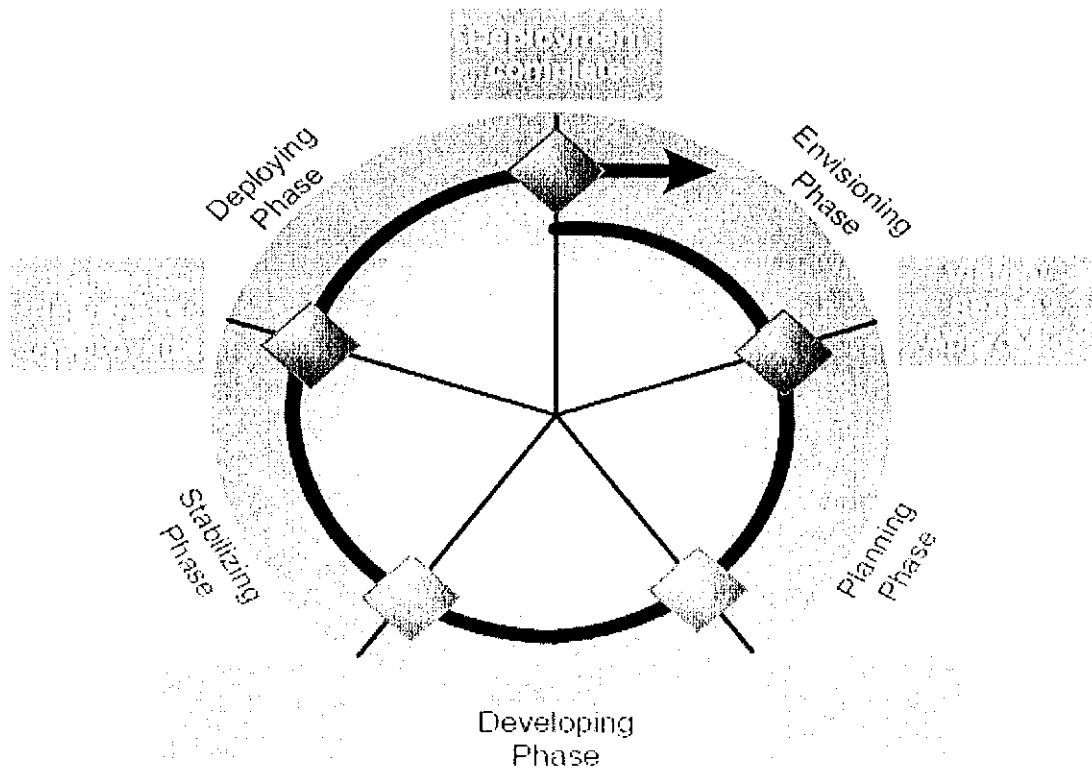
Advanced search

- User can post Job openings in there organization for there peer members and juniors
- Members can donate in alumni fund
- Members can view notices posted by the coordinator
- The application will have an administrator's page, which will enable administrator to maintain user details, manage the alumni database Post Notices and keep track of feedback provided

Project Life Cycle

Project Planning - Scheduling

Current Status :- Finished



MSF Process Model Phases and Milestones

Major Activities	Status
1. Feasibility Analysis	Finished
2. Requirements Analysis	Finished
3. Project Planning	Finished
4. Project Responsibilities	Finished
5. Resource procurement	Finished
6. content and layout design	Finished
7. Server setup and configurations	Finished
8. Server side programming	Finished
9. Testing	Finished
10. Customizations	Finished
11. Final Launch	Finished
12. Documentation	Finished

Requirement Phase

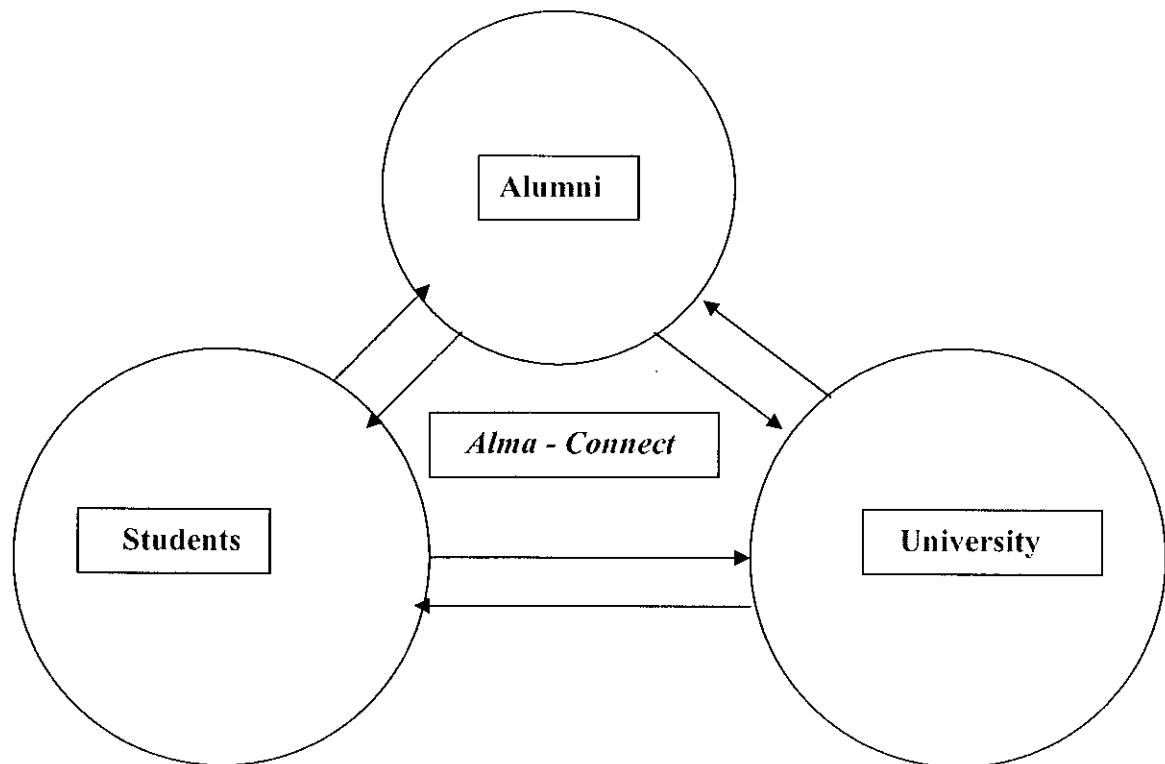
During the requirements analysis phase, we analyzed the Requirements to be fulfilled by the online alumni address book application and identified the probable approach for meeting these requirements. To identify the requirements needed for the application, we decided to study the existing alumni address book on net of different colleges and interacted with student of different branches and try to know their requirement and also consulted our guide.

Existing Process – Current Alumni Management system in university

As per the existing system each student passing out have to fill and submit the Alumni Form in two copies manually to the registrar office, where one is kept for University records and the other is send to the JIL for updating it on website. The current procedure is tedious, time taking and involves lot of paper work and is error prone due to lot of human intervention required. This job becomes more cumbersome when the university grows and produces large no. of students annually. Thus a truly online system is needed which reduces the time taken and makes it instantaneous, without any intervention of

university staff. In short a single window registration and management system of Alumni which can be updated continuously by the user at ease of his work location .

Collaboration Model - Alumni ↔ University ↔ Students



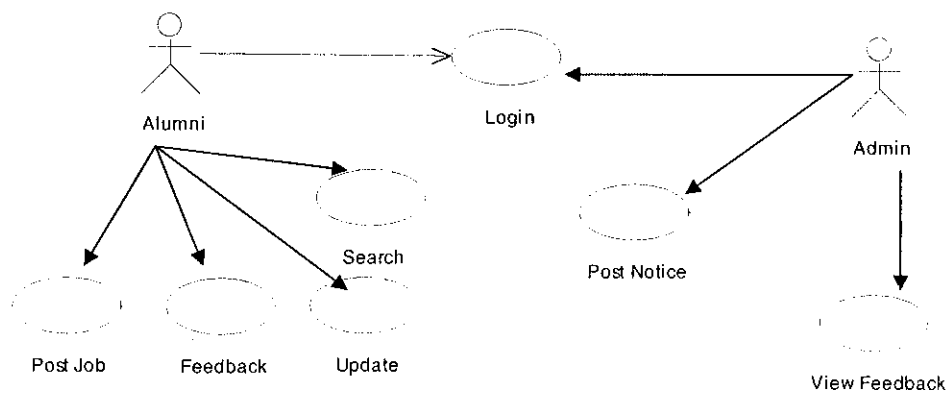
User requirements & Expectations

We Concentrated on a web based Alumni management solution to solve the problem faced by the alumni once they pass out of college , thus to know this in better way we thought of an idea of speaking directly to People or the students around us based on it we summarized there need and expectation .

Expectations from our software

- Search for old friends and network with them
- Share and gain experiences
- Know the current position of peer members and where they are in life
- To know latest developments and changes in the university studied
- To help peers and juniors in career guidance and progression
- To get the information of the latest alumni meet ad its city etc
- To get all these services on Mobile if possible

Use Case Diagram



Use Cases

1 . LOGIN

Brief Description

This use case describes how a user logs into the system

Flow of Events

Basic Flow

This use case starts when the actor wishes to log into the system.

1. The system request that the actor enter his/her name and password.
3. The actor enters his/her name and password.
4. The system validates the entered name and password and logs the actor into the system.

Alternative Flows

Invalid Name/Password

If , in the BASIC Flow the actor enters an invalid name and/or password , the system displays an error message. The actor can choose to either return to the beginning of the Basic Flow or cancel the login, at which point the use case ends.

Pre Conditions

None

Post Conditions

If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged.

2 . SEARCH

Brief Description

This use case describes how a user search for the users of the system

Flow of Events

Basic Flow

This use case starts when the actor wishes to search for users of the system.

1. The system request that the actor enter the company name in which the member he is searching for is working in.
2. The actor enters the company name.
3. The system searches the database for the particular entry and returns all the matched record.

Alternative Flows

No Match Found

If , in the BASIC Flow the actor enters a company name in which no alumni was placed, the system displays an error message. The actor can choose to either return to the beginning of the Basic Flow or cancel the search page, at which point the use case ends.

Pre Conditions

User should be a registered member.

Post Conditions

If the use case was successful, the actor can view all alumni who were placed in that particular company. If not, the system state is unchanged.

3 . UPDATE

Brief Description

This use case describes how a user can modify his profile created at the time of registration in the system

Flow of Events

Basic Flow

This use case starts when the actor wishes to modify his profile.

1. The system request that the actor selects to update his profile
2. The actor enters the new details.
3. The system update the record for that particular user in the database.

Alternative Flows

None

Pre Conditions

User should be a registered member.

Post Conditions

If the use case was successful, the system will update the details of that particular member. If not, the system state is unchanged.

4 . POST JOB

Brief Description

This use case describes how a user can post vacancies for the users of the system

Flow of Events

Basic Flow

This use case starts when the actor wishes to post job for users of the system.

1. The system request that the actor enter the details of the job.
2. The actor enters the details of the vacancy.
3. The system add the entry to the database from where the registered members can view it.

Alternative Flows

None

Pre Conditions

User should be a registered member and there should be a vacancy.

Post Conditions

If the use case was successful, the actor has successfully posted the job. If not, the system state is unchanged.

5 . FEEDBACK

Brief Description

This use case describes how a user can give his feedback about the system

Flow of Events

Basic Flow

This use case starts when the actor wishes to rate the system.

1. The system request that the actor rate his experience with the system and provide any comments if he/she wish to.
2. The actor enters his/her comments and choose a point to rate in the range of one and ten.
- 3.The system add the feedback to the database and make it available to view for the administrator of the system.

Alternative Flows

None

Pre Conditions

User should be a registered member and should have used the system.

Post Conditions

If the use case was successful, the feedback was successfully send to the system and administrator can view it. If not, the system state is unchanged.

6 . VIEW FEEDBACK

Brief Description

This use case describes how a user can view the feedback for the system

Flow of Events

Basic Flow

This use case starts when the actor wishes to view feedback for the system.

1. The system request that the actor chooses to view the feedback.
2. The system displays all the feedback obtained and the user can select which one to view.

Alternative Flows

No Feedback Found

If , in the BASIC Flow the actor chooses to view the feedback and there is no feedback provided by any user, the system displays an error message. The actor can choose to either return to the beginning of the Basic Flow or cancel the view feedback page, at which point the use case ends.

Pre Conditions

User should be the administrator of the system.

Post Conditions

If the use case was successful, the actor has successfully viewed the feedback given by the user of the system. If not, the system state is unchanged.

7. POST NOTICE

Brief Description

This use case describes how a user can post notice for the users of the system

Flow of Events

Basic Flow

This use case starts when the actor wishes to post notice for users of the system.

1. The system request that the actor enter the details of the notice.
2. The actor enters the details of the notice .
3. The system add the entry to the database from where the registered members can view it.

Alternative Flows

None

Pre Conditions

User should be the administrator of the system.

Post Conditions

If the use case was successful, the actor has successfully posted the notice. If not, the system state is unchanged.

How “Alma-Connect ” Started !

As the Member of the First Batch of Jaypee University Of Information Technology, Waknaghat , we the group of three students thought of **Designing , Developing and Implementing** a much awaited **Alumni Repository System – “Alma Connect”** which acts as a bridge between the university and its past students . The main aim of this system is to provide contacts, maintain link between Institute and Alumni for alma matter and share the growth and achievement vice-versa for mutual development and advancement. The system also facilitates the alumni already employed in reputed organizations in India and abroad in helping the final year students in project works and employment opportunities in their respective organizations via employee referral program etc . It also ensures the easy single window Donating facility for funding various projects etc and Bulletin Board to keep updating the alumni’s regarding the latest events.

Analysis and Design

After taking the Requirements and discussing it with our project mentor we moved to the next phase of our project i.e. Analysis and Designing part .During the start of our project we were asked to learn and develop this project using .Net technologies primarily because of its industry demand but during this phase our mentor gave us a choice to analyze and explore all other technologies available in the market and then choose ourselves the best technology suited to solve this problem .

We had the choice of choosing either CGI based web technologies like PHP , Perl etc or the ISAPI based technology like ASP , ASP.Net ,Cold Fusion, JSP for developing the front end or the Client-side of our project . PHP & JSP were a good choice but lacked the optimization for performance , testing and security when compared to the ISAPI

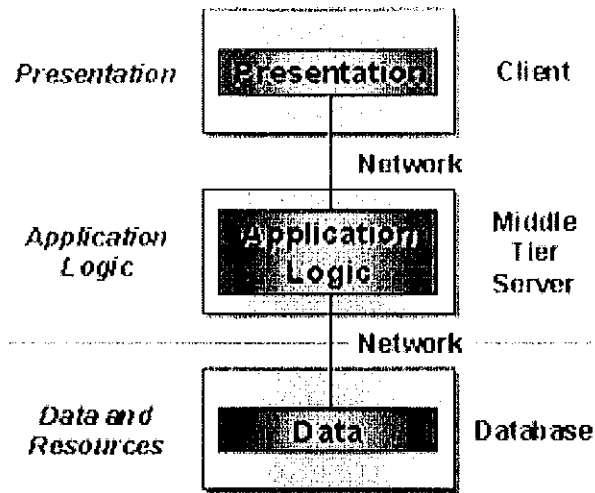
based languages . Asp.Net has all the advantages and features of the rich **.Net Framework Class Library** . In addition Asp.net was a obvious choice because of its rich Server-Side web controls which enhances the user experience and add a professional touch .Another reason was the **Code behind Approach Followed** by Asp.net i.e. code or logic is separated from the Presentation Layer following the concept of 3 tier Architecture . The most likely explanation is that development tool support for database-centered approaches is strong and few tools existed to assist with server-centered development but With the availability of the Microsoft.Net Framework and the corresponding server platform, supported by a wide range of popular development tools, three-tiered development is actually possible .

The biggest strength of Asp.net over all other languages like JSP PHP etc was its **Dynamic Rendering Feature** which responses to the client request as per the capability of the client . Thus Developing a Mobile Based Software became lot more easier and rapid using .Net when compared to the J2ME or other Mobile Technologies like symbian etc .Thus for front end we zeroed down on using ASP.Net & C# .

At backend we had the choice of Oracle , MS Sql Server 2000 & DB2 . Each one was equally good for our problem . we chose MS SQL server since .Net have got the Native code support and namespace for it .

Architecture Used

In three-tiered architectures, presentation, application logic, and data components are separated into distinct units. Presentation components manage user interaction and make requests for application services by calling middle-tiered components. Application components perform business logic and make requests to databases and other resources using their native interfaces.



Three Tier Architecture

Why We have Chosen it ?

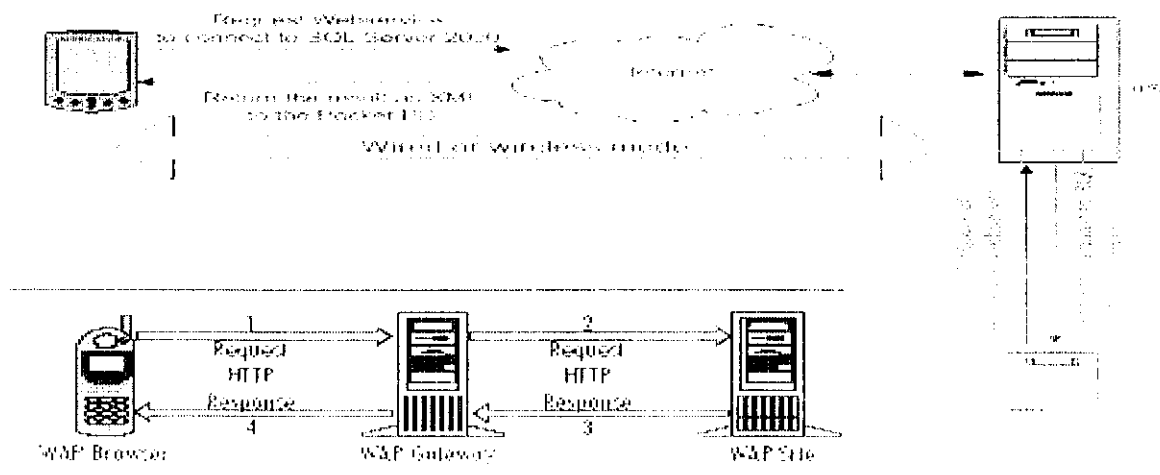
Three-tiered architectures are often called server-centric, because they uniquely enable application components to run on middle-tiered servers independent of both the presentation interface and database implementation. While there is no requirement that each unit runs on a different physical machine, to deliver maximum benefit, three-tiered systems must run with presentation components on desktop clients or browsers, application logic on middle-tiered servers, and data on dedicated database servers. The independence of application logic from presentation and data offers many benefits:

- Developers can use powerful development tools such as Visual Basic.Net and C# to develop reusable application components, instead of using more limited stored procedure languages.
- Administrators can replicate application components to run on multiple machines simultaneously. This spreads client loads across multiple machines and enables higher availability, scalability, and performance.
- Application component replication (as opposed to data replication) is not possible with two-and-a-half-tiered architectures, because stored procedures must run in a single database.

- Application components can share database connections. This lowers the number of total sessions that the database server must support, improving performance. With two-tiered and two-and-a-half-tiered systems, the database must allocate a connection for every user.
- Middle-tiered application components can be secured centrally using a common infrastructure. Access can be granted or denied on a component-by-component basis, simplifying administration.
- Access to resources such as mainframe applications and other databases are through native protocols and application interfaces instead of through data gateways. This improves performance and allows application owners to control access to their data.

While the arguments for three-tiered architectures are compelling, most companies have little experience beyond two-tiered and two-and-a-half-tiered approaches. The most likely explanation is that development tool support for database-centered approaches is strong and few tools existed to assist with server-centered development. With the availability of the Microsoft.Net Framework and the corresponding server platform, supported by a wide range of popular development tools, three-tiered development is finally accessible to a wide range of companies.

Architectural Model



Implementation

Major Task

Task #1 Server Configuration

- Configuring IIS server
- Configuring WAP server
- Installing .Net Framework 2.0 on web server
- DNS configuration (for ex:- www.alumni,juit.ac.in)
- Installing and configuring MS SQL Server 2000

Task #2 Database Design & Implementation

- Database Design
- Database Creation
- Connecting Database to Frontend

Task #3 Software Design

- Using Code-Behind-Approach
- Implementing Login Authentication
- Implementing Search Page
- Implementing Add/Del/Update Feature
- Implementing Feedback Feature
- Notice & other related features
- Designing Mobile User Interface and making this software 'Thin Client Compatible'.

Technical Requirements

<i>Software Requirements</i>	<i>Hardware Requirements</i>
<ul style="list-style-type: none">• Visual Studio 2003 .• Net 2.0 framework• Windows NT Server + IIS• Microsoft Mobile Internet toolkit• Emulators- Nokia Wap toolkit 2.0• Microsoft Mobile Explorer• MS SQL Server	<p>One IBM PC server (Netvista)</p> <ul style="list-style-type: none">• (20)GB HDD• 256MB RAM• 2 LAN cards

Visual Studio 2003

Visual Studio 2003 provides a range of tools that offer many benefits for individual developers and software development teams.

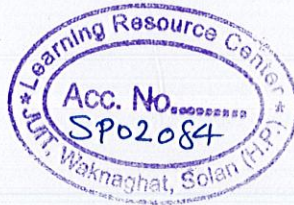
The most important C# language feature added in this version was the introduction of generics, which are very similar to C++ templates. This potentially increases the number of bugs caught at compile-time instead of run-time. C++ also got a similar upgrade with the addition of C++ which is slated to eventually replace Managed C++.

Other new features of Visual Studio 2003 include the "Deployment Designer" which allows application designs to be validated before deployments, an improved environment for web publishing when combined with ASP.NET 2.0 and load testing to see application performance under various sorts of user loads.

Visual Studio 2003 also added extensive 64-bit support. Visual C++ 2003 supports compiling for x64 (AMD64 and EM64T) as well as IA-64 (Itanium). The Platform SDK only included the 64-bit compilers and 64-bit versions of the Visual C++ 6.0 libraries. Visual Studio 2005 is available in several editions, which are significantly different than previous versions: Express, Standard, Professional, Tools for Office, and Team System. In addition to these, four separate Team System editions are provided in conjunction with

MSDN Premium subscriptions: Team Suite, Team Edition for Software Architects, Team Edition for Software Developers, and Team Edition for Software Testers.

Microsoft SQL Server



Microsoft SQL Server is a relational database management system (RDBMS) produced by Microsoft. Its primary query language is Transact-SQL, an implementation of the ANSI/ISO standard Structured Query Language (SQL) used by both Microsoft and Sybase. SQL Server is commonly used by businesses for small- to medium-sized databases, but the past five years have seen greater adoption of the product for larger enterprise databases.

IIS 5.1

Microsoft Internet Information Services (IIS; sometimes, erroneously called Server or System) is a set of Internet-based services for servers using Microsoft Windows. It is the world's second most popular web server in terms of overall websites behind the Apache HTTP Server

The servers currently include FTP, SMTP, NNTP and HTTP/HTTPS

Microsoft .NET Framework

The Microsoft .NET Framework is a component of the Microsoft Windows operating system. It provides a large body of pre-coded solutions to common program requirements, and manages the execution of programs written specifically for the framework. The .NET Framework is a key Microsoft offering, and is intended to be used by most new applications created for the Windows platform.

The pre-coded solutions form the framework's class library and cover a large range of programming needs in areas including the user interface, data access, cryptography, numeric algorithms, and network communications. The functions of the class library are used by programmers who combine them with their own code to produce applications.

Programs written for the .NET framework execute in a software environment that manages the program's runtime requirements. This runtime environment, which is also a part of the .NET framework, is known as the Common Language Runtime (CLR). The CLR provides the appearance of an application virtual machine, so that programmers need not consider the capabilities of the specific CPU that will execute the program. The CLR also provides other important services such as security guarantees, memory management, and exception handling.

The class library and the CLR together comprise the .NET framework. The framework is intended to make it easier to develop computer applications and to reduce the vulnerability of applications and computers to security threats.

C#

C# is an event driven, fully object oriented, visual programming language in which programs are created using an Integrated Development Environment (IDE). With the IDE a programmer can create, run, test and debug C# programs conveniently, thereby reducing the time it takes to produce a working program to a fraction of the time it would have taken without using the IDE.

C# applications can interact via the Internet, using industry standards such as SOAP and XML

ASP.NET

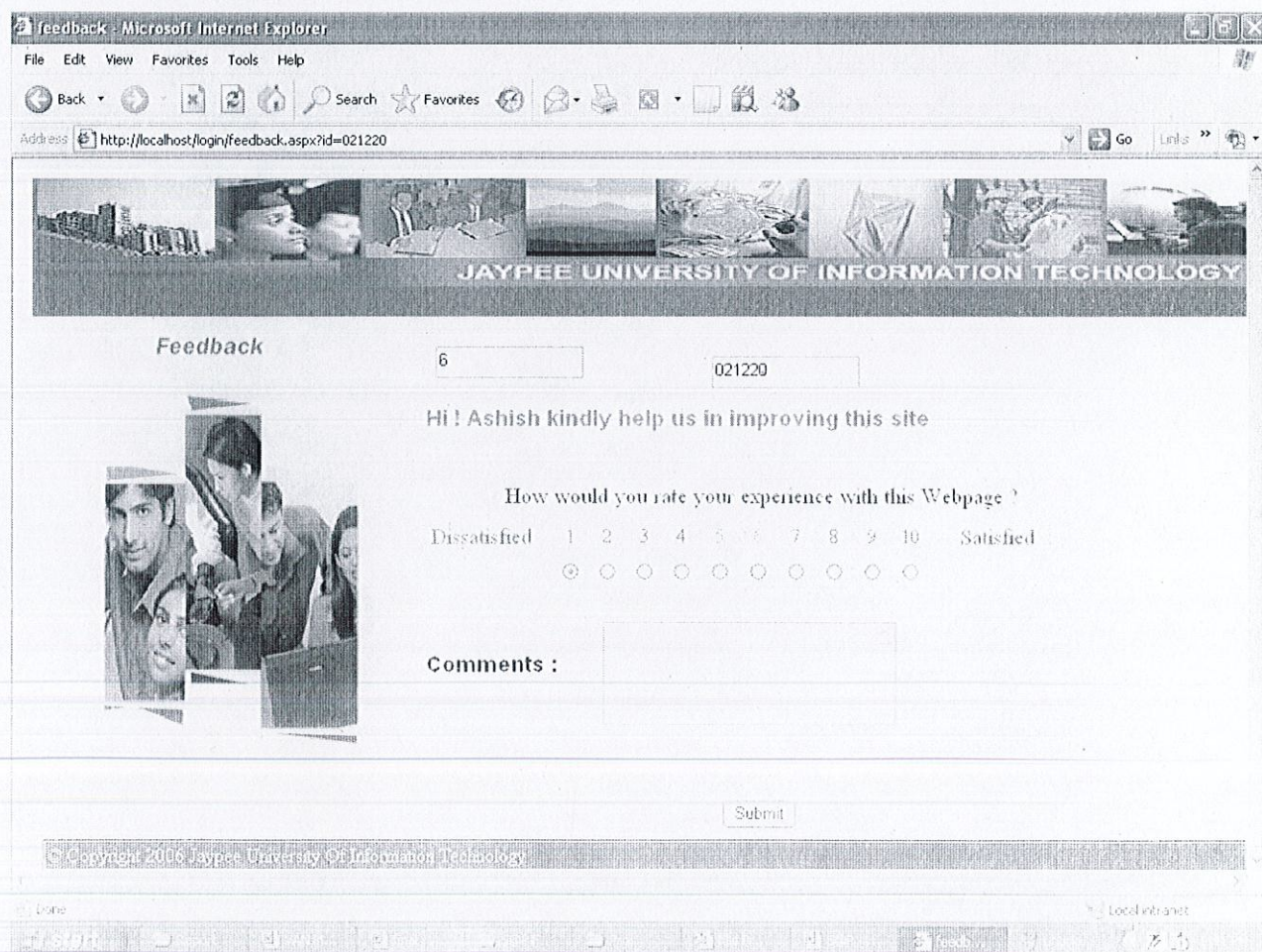
ASP.NET is a set of web development technologies marketed by Microsoft. Programmers can use it to build dynamic web sites, web applications and XML web services. It is part of Microsoft's .NET platform and is the successor to Microsoft's Active Server Pages (ASP) technology.

Programmers can write ASP.NET code using any of the different programming languages supported by the .NET Framework, usually (proprietary) Visual Basic.NET, JScript .NET, or (standardized) C#, but also including open-source languages such as Perl and Python. ASP.NET has performance benefits over other script-based technologies because the server-side code is compiled to one or a few DLL files on a web server.

ASP.NET attempts to simplify developers' transition from Windows application development to web development by offering the ability to build pages composed of controls similar to a Windows user interface. A web control, such as a *button* or *label*, functions in very much the same way as its Windows counterpart: code can assign its properties and respond to its events. Controls know how to render themselves: whereas Windows controls draw themselves to the screen, web controls produce segments of HTML and JavaScript which form part of the resulting page sent to the end-user's browser.

Testing

The most important part of our project was Testing which is a continuous procedure . We began ourselves with designing few Test Cases and then finally Tested it by releasing a **Beta Version** of our software to be used on our **Intranet i.e. Hostel Network** . We gave the online Feedback Form to the Test Users to Rate us on the scale of 110 based on there user experience. 1 being the poor satisfaction and 10 being the Highly satisfied score. This was particularly helpful for us in further development and improving the software both Feature wise and User experience wise .As a result we came up with a two version of our software in such a short span.



Feedback Page

Module Testing

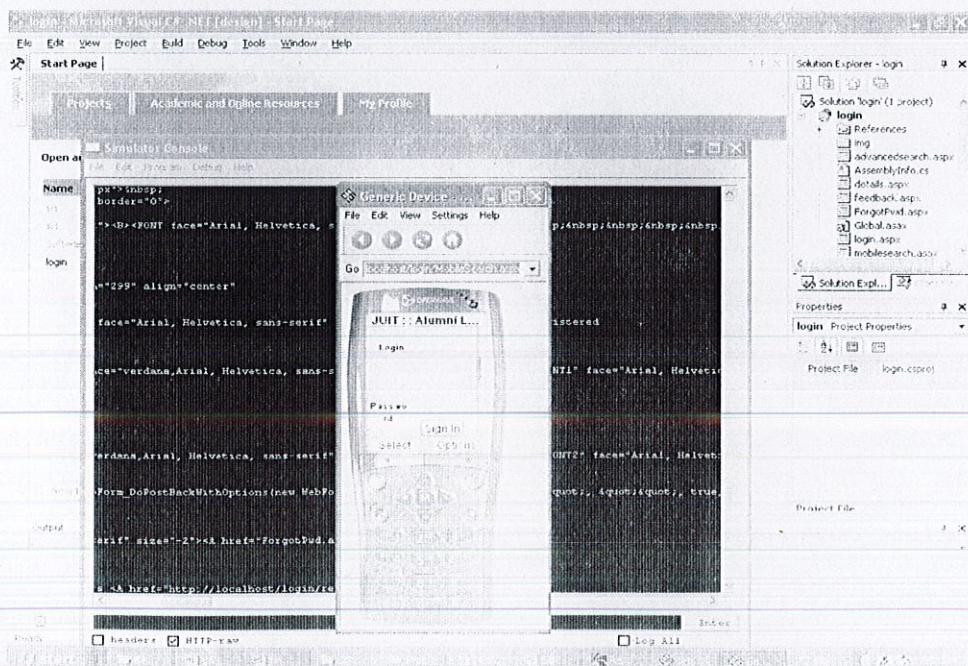
Each Module of the project was tested individually for dependency and missing link or flows . Few Logical flows error were detected in early phase of development cycle and were successfully debugged .

Integration Testing

We also tested the Coupling between different Modules of our project . Missing Links were removed and most of the modules were made independent of each other. We do not say we have made the Full Proof system but can ensure that the system designed meets all the objectives set before the start of the project efficiently and are tested using the hypothetical use cases .

Testing the Application on Mobile

We tested our application on Mobile using WAP emulators provided by www.openwave.com and Nokia WAP emulators .



Test Cases (Scenarios)

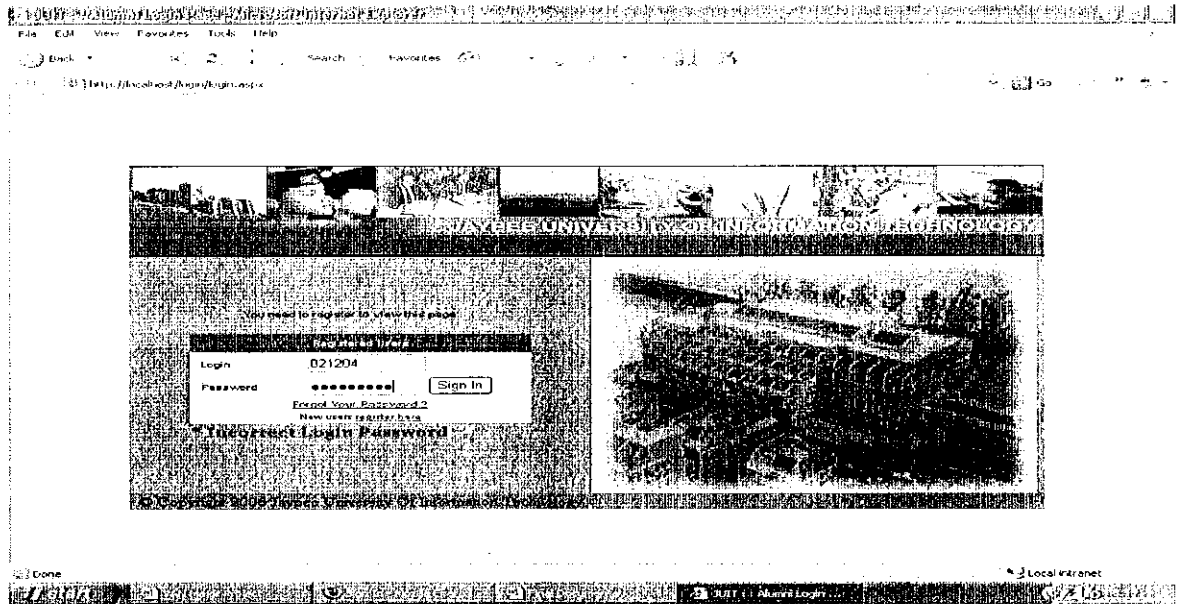
Scenario #1 :-

Mr X is a 2006 pass out of the Jaypee University of IT waknaghat . He was campus placed with IBM corporation Gurgaon and worked there for 2.5 years . Today he have got a offer from Oracle Corporation and is moving out to New Jersey . Now he wishes to inform all his old college friends and teachers about his new success and want to tell them his changed address and phone number . He logs on to www.alumni.juit.ac.in but he no longer remembers his password . He clicks to the Forgot Password Link and answers the Hint Question and get back the password . Now he Updates his profile and thus inform all his friends about himself . He also changes the Alumni Chapter to new jersey from delhi .

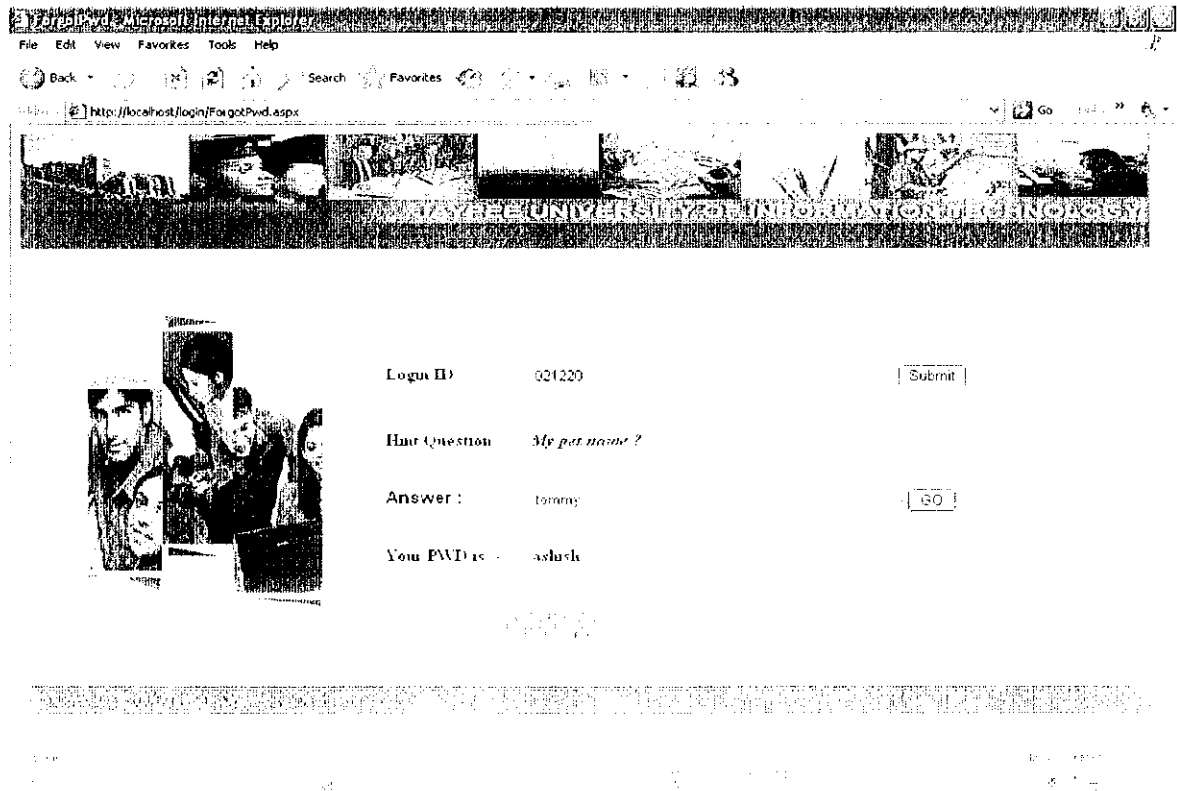
Scenario #2:-

In addition to above case Mr X has been given a task of starting new project from scratch in his new organization .He needs to hire few people of particular skill set and experience but he is facing problem since he is new to New Jersey and have all contacts or links back in gurgaon . Suddenly he remembers of the link in his University alumni website where he can refer jobs to his peer members i.e. experienced people whom he already knows personally based on his personal experience and also to the freshers coming out of college . He posted the job postings through Alma – Connect and gets the positive response from many of his friends and juniors . Thus he gets the right person at the right time and also served to his Alma Relation .

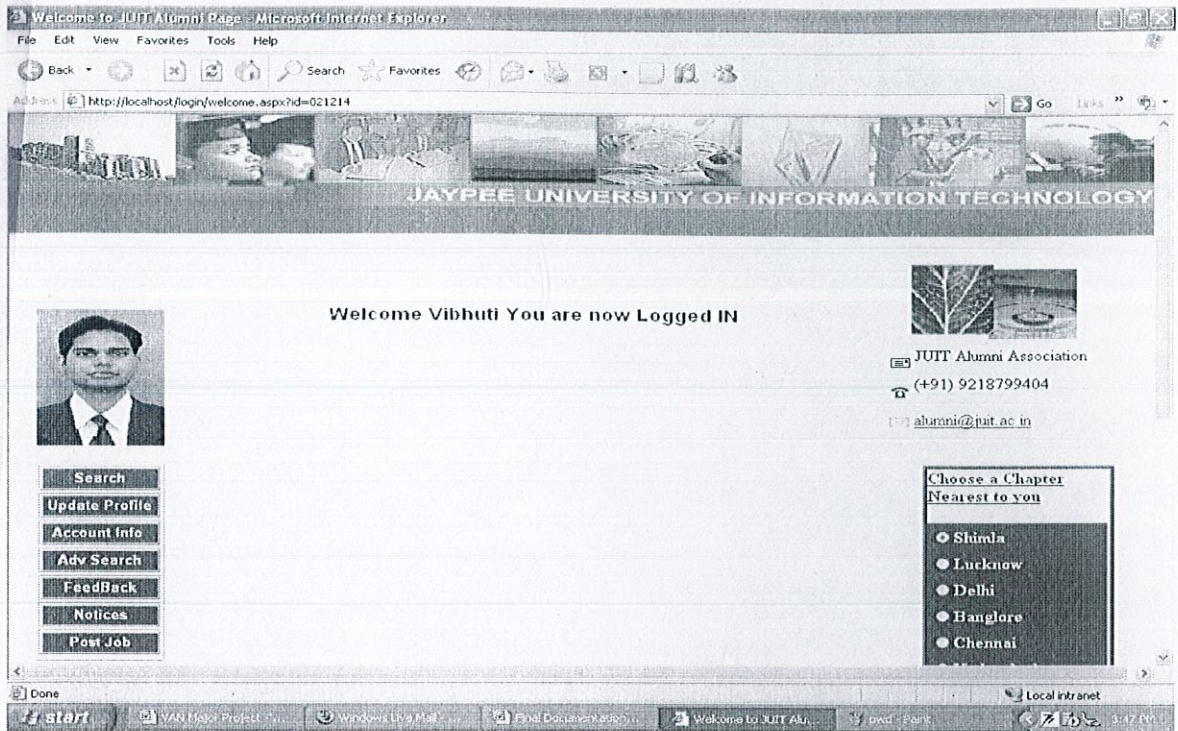
Some Snapshots



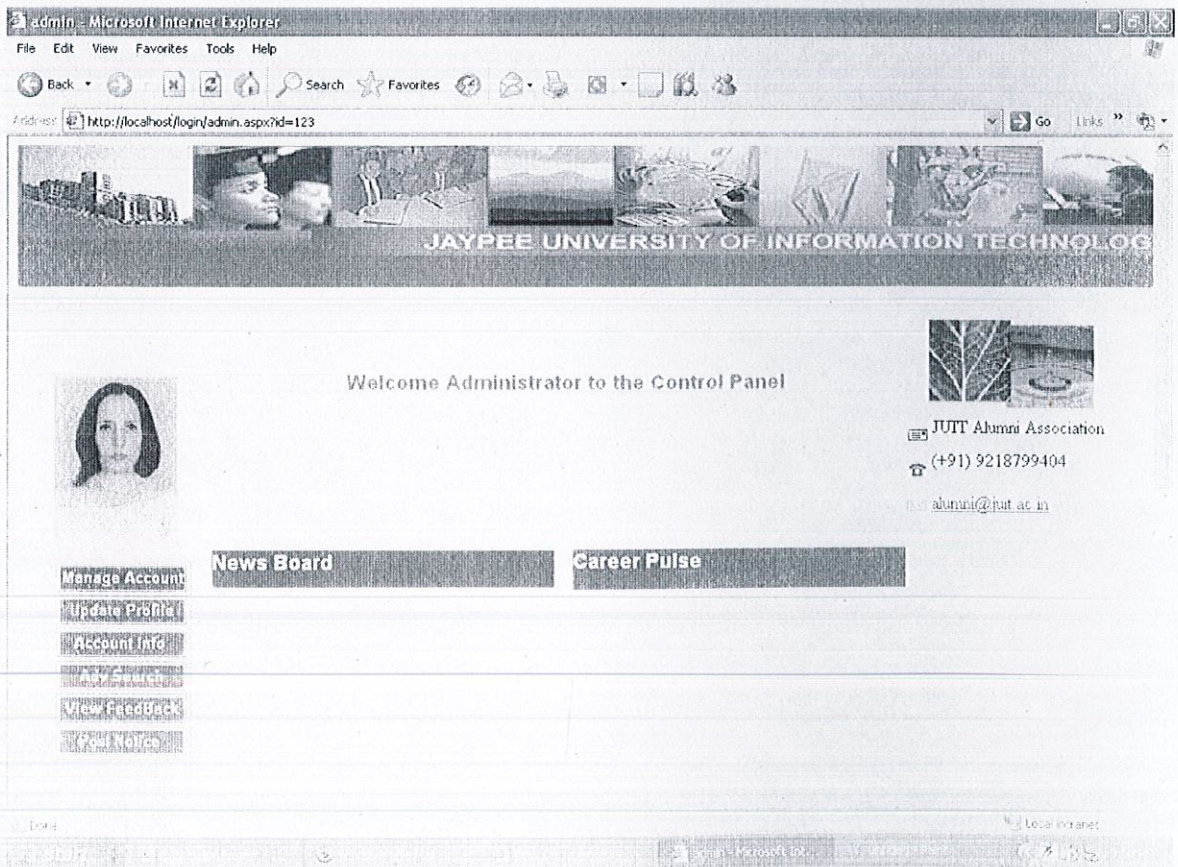
Login Page



Forgot Password Page



Alumni Welcome (Main) Page




Administrator Welcome (Main) Page



File Edit View Favorites Tools Help

Back Search Favorites Go

http://localhost/login/advancedsearch.aspx?id=021214



Advanced Search Panel

	Name : Sheena Singh	Batch : 2006-btech-cse
	Company :Accenture	E-Mail : sheena.singh@gmail.com
	Mobile :+919816090595	Details >>
	Name : Ashish Kumar	Batch : 2006-btech-cse
	Company :Accenture	E-Mail : aktripath@gmail.com
	Mobile :+919218799445	Details >>

Done Local intranet


Advanced Search Page

Alumni Details Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Go

http://localhost/login/details.aspx?id=021217



Amit Dwivedi

Enrolment No :	021217
Batch :	2006-btech-cse
Company Name :	jaypee
Mobile Number :	+919418073599
E-Mail Address :	amit_dwivedi@yahoo.co.in

Details of Particular Alumni Page

postjob - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Home Stop Search Favorites

Address http://localhost/login/postjob.aspx

Go Links

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY



Post Job

Job ID :

Post :-

Posted By :

Done Local intranet

start VAN Meter Project Windows Live Mail Final Documentation postjob - Microsoft I... unidoc - Print 3:50 PM

Job Post Page


notice - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Home Stop Search Favorites

Address http://localhost/login/notice.aspx?id=123

Go Links



Post Notice

Notice No :

Issued By :-

Issue Date :

Subject :

Done Local intranet

Notice Post Page

Deployment

After the testing phase we finally deployed this application on a university web server <http://210.212.45.135/juitaa/login.aspx> for the demo purpose . It worked fine . We have made the application keeping all the possible cases in mind for the university -- alumni relation . However before launching it as a product we will add the features as and when told by the university using this software .

Future Scope

We intend to incorporate following functionality in future version of our software .

- Chatting functionality where online Alumni can interact with each other and juniors can chat with seniors in various companies for carer guidance .
- Blogging can be an other cool feature which allows the user to share there experiences among each other .
- Personal Web Space and Mail address for sharing the documents and photos among each other .
- Mobile chat where the alumnis can chat with each other on mobile phones .etc

The same project can be extended easily for the University Information System without much change and we can bring all the processes like Mess, Canteen, Hostel Management, Laundry ,Postal Mails system under it .

CONCLUSION

“Alma-Connect” is a technically and commercially viable design for a product much needed by society specially student community. We meet the performance objectives created at the beginning of the project design. We were successful in using our deep domain knowledge of the working of the university into a business logic and later into a full product .

When we look back we feel happy and contented to notice that while the journey of this project we learned lots of Latest Hot Technologies like .Net , XML ,Sql Server etc, but also practically felt the whole SDLC (software Development Life Cycle) for the first time.

This Project turned out to be the work where we practically experienced and experimented what we learned as a theory in four years of Bachelor of Years Technology course . The subjects learned came handy right from the inception of the project to the Requirement and analysis to the Testing . During the last few days of our project we successfully managed to made our application run on Mobile Phones Using WAP.

The same project can be extended easily for the University mini ERP system where without much change we can bring all the processes like Mess, Canteen, Hostel Management , Laundry ,Postal Mails system under it .

In one word the whole experience was “superb” and we feel contented with our work .

Appendix

Revision History

Date	Issue	Description	Comments from Guide
10 Mar 06	<i>Vesrion 0.1</i>	Basic Add/ Del feature using .Net and Sql Server	Security & Authentication feature to be added
18 Mar 06	<i>Vesrion 0.2</i>	Login Functionality added	Profile Search Page to be added
26 Mar 06	<i>Vesrion 0.3</i>	Search feature added	Advanced search with photograph to be added
2 April 06	<i>Vesrion 0.4</i>	Advanced Search with Photo Added	Forgot Pwd and Update feature to be added
6 April 06	<i>Vesrion 0.5</i>	Forgot Pwd , Update Record Added	Notices , chapters ,Job Posting to be added,
15 April 06	<i>Vesrion 0.6</i>	Notices , chapters ,Job Posting added	FeedBack Form to be Added
20 April 06	<i>Vesrion 0.7</i>	FeedBack Form added	Admin Control Panel
25 April 06	<i>Vesrion 0.8</i>	Admin Control Added	Delete Profile Feature
28 April 06	<i>Version 0.9</i>	Delete feature Added	Project Complete
29 April 06	<i>Version 1.0</i>	Project Deployed	

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Books referred:

1. Deitel & deitel C# How to program. Pearson Education
2. ASP.Net 2.0 Unleashed. Techmedia
3. Deitel & deitel Internet & World Wide web How to Program. Pearson Education
4. Infosys Study Material
5. Microsoft Study Material

Related URLs:

1. www.msdn.com
2. www.4guysfromrolla.com
3. www.w3school.com
4. www.campusconnect.com

THANK YOU!