**CHAPTER 1:**

**INTRODUCTION**

More and more manual systems are being transformed into automated computer software systems. This not only reduces the amount of hard work and time consumed in manual systems, the computerization also minimizes the errors in calculation and report generation. Computerization makes record keeping more and more efficient, at the same time making it easier and increasingly cost affective.

The Online Student Record Management System is a web based application which would be used to provide online support to the college management and also to the students. The web application would be much more helpful to get the information about the fees status of student, attendance and results etc. The management would fell that their good will has increased by providing such an online application in market.

This proposed application will manage all the needs from both ends from students end as well as from management end. By using this application any organization can manage its all ongoing processes and also can generate reports that are very much important and fruitful in the growth of organization.

* 1. **BACKGROUND**

In the background of this web application was all the manual work which was done to maintain the records of student, attendance and fees details of student. Now by introducing & using a web based application would reduce a lot of paper work which was done that would be done by the computer system and status report regarding various aspects would be instantly got. Now the user would enjoy the web technology Advancement and the management would be so easy as far as different process related to student record management is concern.

**1.1.1 System Objective**

Today’s world is computer world because most of work is doing with the help of computer. Dependency on computer is behind the few reasons. We cannot easily manage to store large number of data or information single handle. If we will be need some information or data in urgency then we cannot manage in manually these works are very difficult if we cannot use computer.

**1.1.2 System Context:**

This section clearly depicts the environment and boundaries of the Online Student Record Management System and the entities with which it interacts. It helps us see how the system fits into the existing scheme of things. What the system will do by itself and what it expects other entities to do is clearly delineated.

* + 1. **Functional Requirement:**

The functional requirement of project is making a system which could maintain the records of student, attendance and fees details of student. Now by introducing & using a web based application would reduce a lot of paper work which was previously done and status report regarding various aspects would be instantly got. Now the user would enjoy the web technology Advancement and the management would be so easy as far as different process related to student record management is concern.

**1.1.4 Non-Functional Requirement**

These are quality requirement that stipulate the performance levels required of the system for various kind of activate. Numerical lower and upper limits set conditions on the response times, access times etc of the system. Sometimes tradeoffs are necessary among various non-functional requirements.

**1.1.5 Future Requirement**

These are the specifications which are not provided for now in the current version of Online Student Record Management System but which could be incorporated into future versions. Some of these need advanced technologies and interface with other system. The SRMS could be designed in future to enhance the existing capabilities or add entirely new ones.

* 1. **OBJECTIVES**

Today’s world is computer world because most of work is doing with the help of computer. Dependency on computer is behind the few reasons. We cannot easily manage to store large number of data or information single handly. If we will be need some information or data in urgency then we cannot manage in manually these works are very difficult if we cannot use computer.

So the objective of this project is to overcome the limitation of the manual approach. This project is started towards systematically automating all the work that is done manually at present. Their aim is to focus following aspects:

* The main objective is to automate non computer environment
* To save manpower.
* It will speed the processing of data and transaction.
* It will provide all the error reporting and handling features, so that the user is warned and made aware of any foreseen errors. Thus it will reduce the error rate.
* It will provide various ways through which we generate various types of report.
* It will provide best security features such as provisions of passwords.

**1.3 PROBLEM DEFINATION**

System and their relationships within and outside of the system. Here the key question is- what all problems exist in the present system? What must be done to solve the problem? Analysis begins when a user or manager begins a study of the System Analysis is a detailed study of the various operations performed by a program using existing system.

During analysis, data collected on the various files, decision points and transactions handled by the present system. The success of the system depends largely on how clearly the problem is defined, thoroughly investigated and properly carried out through the choice of solution. A good analysis model should provide not only the mechanisms of problem understanding but also the frame work of the solution. Thus it should be studied thoroughly by collecting data about the system. Then the proposed system should be analyzed thoroughly in accordance with the needs

**1.4 PURPOSE**

The purpose of this web application is to provide & online support to the management as well as students. Now it would be very easy for the management to check the academic and fees status of the student just on a single click not searches out different pages of register.

**1.5 SCOPE**

The scope of this web application is very vast and can be further extended to add some more security features & online payment facility can also be provided. Some more features related to designing graphics can also be added and look and feel of the project can be further enhancing as the interface is very much important for the success of any web application.

**CHAPTER 2 :**

**Problem Formulation**

**Introduction**

Problem introduction or problem starting is the starting point of the software development activity. The objective of this statement is to answer: Exactly *what must the system do*? The software project is initiated by the client’s need. In the beginning, these needs are on the minds of various people in the client’s organization. The analyst has to identify the requirements by talking to the people and understanding to their needs. It goes without saying that an accurate and through understanding of software requirement are essentials to the success of software development effort. All further development like system analysis. System design and coding will depends on how accurate and well understood the requirements are poorly analyzed and specified software will disappoint the user and will bring brief to the developer. No matter how well designed and well appearances are often deceiving. Chances of misinterpretation are very high, ambiguity is probable and communication gap between customer and developer is bound to bring confusions. Requirements understanding begin with a clear and concise heading stating in sentence the task to be performed. Then requirements are describe in a technical manner precise statement.

**2.1 Feasibility study**

All projects are feasible given unlimited resources and infinite time! Unfortunately, the development of computer based system is more likely to be plagued by a scarcity of resources and difficult delivery dates. It is both necessary and prudent to evaluate the feasibility of the project at the earliest possible time. Months or years of effort, Money loss and untold professional embarrassment can be averted I few better understand the project at its study time.

This type of study determines if an application can and should be developed. Once it has been determining that, application is feasible. After that analyst can go ahead and prepares the project specification, which finalizes project requirements. Feasibility studies are undertaken within tight time constraints.

1. **Technical Feasibility**
2. **Operational Feasibility**
3. **Economic Feasibility**
4. **Legal Feasibility**

**2.2 Technical Feasibility**

As we know the technical feasibility is concerned with specifying equipment and software that will successfully satisfy the user requirement. The technical needs of the system may vary considerably, but might include:

* The facility to produce outputs of advertisements, shopping and mailing in a given time for ease of use.
* Response time under certain condition is minimal.
* Ability to process a certain volume of transaction at a particular speed.
* Facility to communicate data to distinct location.

In examining the technical feasibility, configuration of the system is given more importance than the actual make of hardware. The configuration should give the complete picture about the system’s requirements- how many workstations are required, how these units are interconnected so that they could operate and communicate smoothly.

**2.3 Operational Feasibility**

Proposed projects are beneficial only if they can be turned into information system that will meet the financial management requirements of the business/organization. This test of feasibility asks if the system will work when it developed and installed. Are there major barriers to implementation?

Some of the important questions that are useful to test the operational feasibility of a project are given below:

* + Is there sufficient support for the project from the implementation? From user? If the present system is well liked and used to the extent that persons will not be able to see reasons for change, there may be resistance.
  + Are current business methods acceptable to the user? If they are not, user may welcome a change that will bring about a more operational and useful system
  + Have the user been involved in the planning and development of the Project? If they are involved at the earliest stage of project development, the chances of resistance can be possibly reduced.
  + Will the proposed system cause harm? Will it produce poorer result in any case or area?
  + Will the performance of staff member fall down after implementation? Issue that
  + Appears to be quite minor at the early stage can grow into major problem after Implementation.

1. **4 Economical Feasibility**

Economic analysis is the most frequently used technique for evaluating the effectiveness of the proposed system. More commonly known as cost/benefits analysis, the procedure is to determine the benefits and savings that are expected from the purposed system and compared with costs.

If benefits outweigh cost, a decision is taken to design and implement the system. Otherwise, further justification or alternative of the proposed system will have to be made if it has a chance of being approved. This is an ongoing effort that improves in accuracy at each phase of the system life cycle. The analysis part also clears the doubt of economic problems which could be possible in developing the system. As already mentioned that the company has to just pay the developed software cost and not other investment is needed at the time of implementation of the new system as the preliminary requirements already exist in the company.

**2.5 Legal Feasibility**

In the legal feasibility is necessary to check that the software we are going to develop is legally correct which means that the ideas which we have taken for the proposed system will be legally implemented or not so , it is also an important step in feasibility study.

**2.6 PROBLEM SPECIFICATION**

The definition of our problem lies in manual system and a fully automated system.

**2.6.1 Manual System**

The system is very time consuming and lazy. This system is more prone to error and sometimes the approach to various problems is unstructured.

**2.6.2 Technical System**

With the advent of latest technology if we do not update our system then our business result in losses gradually with time. The technical system contains the tools of latest trend i.e. computers, printers, FAX, Internet etc the system with the technology are very fast, accurate, user friendly and reliable.

**2.6.3 Need of Student Record Management System**

In the background of this web application was all the manual work which was done to maintain the records of student, attendance and fees details of student. Now by introducing & using a web based application would reduce a lot of paper work which was done that would be done by the computer system and status report regarding various aspects would be instantly got. Now the user would enjoy the web technology Advancement and the management would be so easy as far as different process related to student record management is concern.

**2.7 The Proposed System**

There are mainly three modules in the project-

(i). Admin Module

(ii). Staff Module

(iii). Student Module

**Admin Features:**

* 1. Can add and delete notifications.
  2. Can view student fees status.
  3. Can view student attendance status.
  4. Can view student result status.
  5. Can generate all the reports regarding student & staff.

**STAFF Features:**

a) Can add personal information of student.

b) Can add student daily attendance.

c) Can add student result information.

d) Can add student fees status.

**sTUDENT Features:**

a) Can view his profile.

b) Can view information regarding their fees, attendance and result etc.

**2.8 Existing System**

The Existing system comprises of a system in which details are to be manually handled this is not use friend.

**CHAPTER 3**

**System Architecture and Design**

**3.1 DEFINENG A SYSTEM**

Collection of component, which are interconnected, and work together to realize some objective, from a system. There are three components in every system, namely input, processing and output

Processing

Input Output

**3.1.1 SYSTEM DEVELOPMENT LIFE CYCLE**

The **Systems development life cycle (SDLC)**, or **Software development process** in [systems engineering](http://en.wikipedia.org/wiki/Systems_engineering), [information systems](http://en.wikipedia.org/wiki/Information_systems) and [software engineering](http://en.wikipedia.org/wiki/Software_engineering), is a process of creating or altering information systems, and the models and [methodologies](http://en.wikipedia.org/wiki/Methodologies) that people use to develop these systems. In software engineering, the SDLC concept underpins many kinds of [software development methodologies](http://en.wikipedia.org/wiki/Software_development_methodologies). These methodologies form the framework for planning and controlling the creation of an information systemthe [software development process](http://en.wikipedia.org/wiki/Software_development_process).

Broadly, following are the different activities to be considered while defining the system development life cycle for the said project:

* Problem Definition
* System Analysis
* Study of existing system
* Drawback of the existing system
* Proposed system
* System Requirement study
* Data flow analysis
* Feasibility study
* System design
* Input Design (Database & Forms)
* Updating
* Query /Report design
* Administration
* Testing
* Implementation
* Maintenance

**3.1.2 SYSTEM ANALYSIS**

**Systems analysis** is the study of sets of [interacting](http://en.wikipedia.org/wiki/Interaction) [entities](http://en.wikipedia.org/wiki/Entity), including computer systems analysis. This field is closely related to [requirements analysis](http://en.wikipedia.org/wiki/Requirement_analysis) or [operations research](http://en.wikipedia.org/wiki/Operations_research). It is also "an explicit formal inquiry carried out to help someone (referred to as the decision maker) identify a better course of action and make a better decision than he might otherwise have made.

System development can generally be thought of having two major components: systems analysis and systems design. In System Analysis more emphasis is given to understanding the details of an existing system or a proposed one and then deciding whether the proposed system is desirable or not and whether the existing system needs improvements. Thus, system analysis is the process of investigating a system, identifying problems, and using the information to recommend improvements to the system.

**3.1.3 SYSTEM DESIGN**

Systems design is the process of defining the architecture, components, modules, interfaces, and [data](http://en.wikipedia.org/wiki/Data) for a [system](http://en.wikipedia.org/wiki/System) to satisfy specified [requirements](http://en.wikipedia.org/wiki/Requirement). One could see it as the application of [systems theory](http://en.wikipedia.org/wiki/Systems_theory) to [product development](http://en.wikipedia.org/wiki/Product_development). There is some overlap with the disciplines of [systems analysis](http://en.wikipedia.org/wiki/Systems_analysis), [systems architecture](http://en.wikipedia.org/wiki/Systems_architecture) and [systems engineering](http://en.wikipedia.org/wiki/Systems_engineering). If the broader topic of [product development](http://en.wikipedia.org/wiki/Product_development) "blends the perspective of marketing, design, and manufacturing into a single approach to product development," then design is the act of taking the marketing information and creating the design of the product to be manufactured. Systems design is therefore the process of defining and developing [systems](http://en.wikipedia.org/wiki/System) to satisfy specified [requirements](http://en.wikipedia.org/wiki/Requirement) of the user. Until the 1990s systems design had a crucial and respected role in the [data processing](http://en.wikipedia.org/wiki/Data_processing) industry. In the 1990s [standardization](http://en.wikipedia.org/wiki/Standardization) of hardware and software resulted in the ability to build [modular](http://en.wikipedia.org/wiki/Modularity_(programming)) systems. The increasing importance of software running on generic platforms has enhanced the discipline of [software engineering](http://en.wikipedia.org/wiki/Software_engineering).

[Object-oriented analysis and design](http://en.wikipedia.org/wiki/Object-oriented_analysis_and_design) methods are becoming the most widely used methods for computer systems design. The [UML](http://en.wikipedia.org/wiki/Unified_Modeling_Language) has become the standard language in object-oriented analysis and design. It is widely used for modeling software systems and is increasingly used for high designing non-software systems and organizations

**ER DIAGRAM**

Entity-relationship model:-

The entity-relationship model or entity-relationship diagram (ERD) is a data model or diagram for high-level descriptions of conceptual data model, and it provides a graphical notation for representing such data models in the form of entity-relationship diagrams. Such models are typically used in the first stage of information-system design; they are used, for example, to describe information needs and/or the type of information that is to be stored in the database during the requirement analysis. The datamodelling technique, however, can be used to describe any ontology (i.e. an overview and classifications of used terms and their relationships) for a certain universe of discourse (i.e. area of interest).

In the case of the design of an information system that is based on a database, the conceptual data model is, at a later stage (usually called logical design), mapped to a logical data model, such as the relational model; this in turn is mapped to a physical model during physical design.

There are a number of conventions for entity-relationship diagrams (ERDs). The classical notation is described in the remainder of this article, and mainly relates to conceptual modeling. There are a range of notations more typically employed in logical and physical database design.

**ER Diagram :-**

Online Student Record Mgmt System

Staff

Has

Admin

Student

Has

**Data Flow Diagram**

The data flow diagram shows the flow of data within any system. It is an important tool for designing phase of software engineering. Larry Constantine first developed it. It represents graphical view of flow of data. It’s also known as BUBBLE CHART. The purpose of DFD is major transformation that will become in system design symbols used in DFD:-

In the DFD, four symbols are used and they are as follows.

1. A square defines a source (originator) or destination of system data.

1. An arrow identifies data flow-data in motion. It is 2a pipeline through which information flows.

1. A circle or a “bubble “(Some people use an oval bubble) represents a process that transfers informing data flows into outgoing data flows.

1. An open rectangle is a data store-data at rest, or a temporary

repository of data.

i-) Context Level Diagram

This level shows the overall context of the system and its operating environment and shows the whole system as just one process. Online book store is shown as one process in the context diagram; which is also known as zero level DFD, shown below. The context diagram plays important role in understanding the system and determining the boundaries. The main process can be broken into sub-processes and system can be studied with more detail; this is where 1st level DFD comes into play.

Administrator

Administrator

Staff

Student

Student\_details

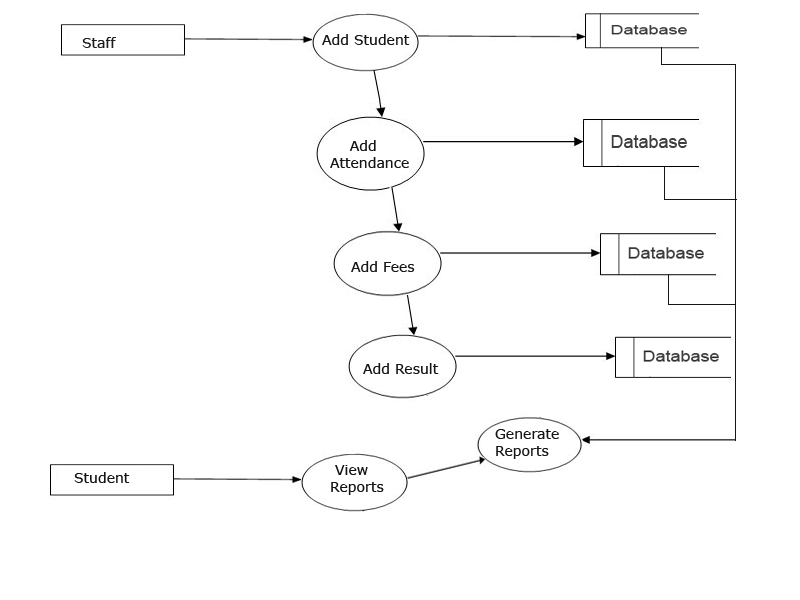
Fee\_details,Result\_details, Attendance\_details

Reports

Add\_notifications

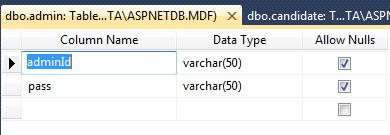
**0-Level DFD**

**First Level Data Flow Diagram**

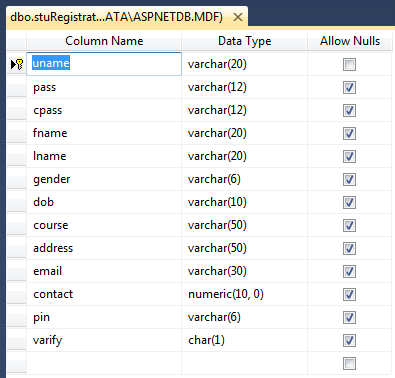
****

**LIST OF TABLES USED IN PROJECT**

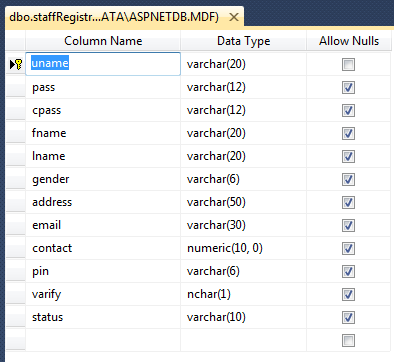
Admin Table



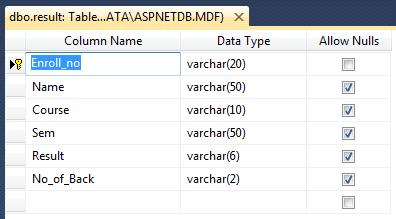
Student Registration Table



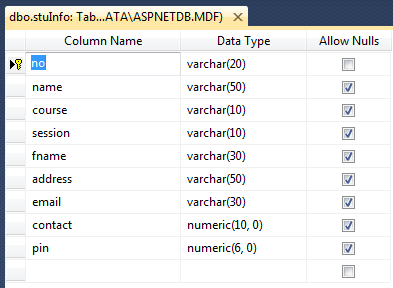
Staff Table



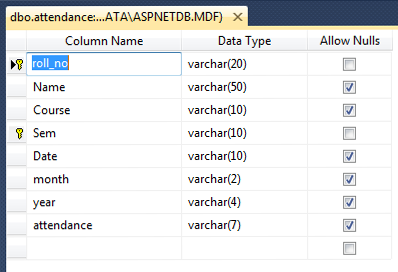
Result Table



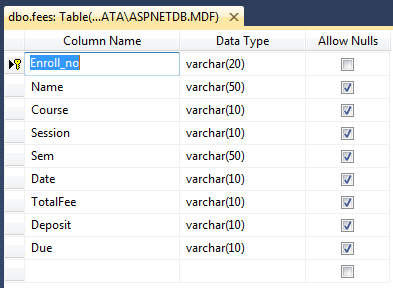
Add Student Information Table



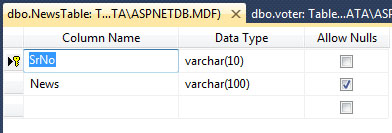
Attendance Table



Fees Table



News Table



**3.2 Reports Generated By the System**

1. List of staffs details.
2. List of Students details.
3. List of fee details.
4. List of student attendance details.
5. List of student result details.

**3.3 Choice of Tools and Technology**

**Introduction**

After the release of [Internet Information Services](http://en.wikipedia.org/wiki/Internet_Information_Services) 4.0 in 1997, Microsoft began researching possibilities for a new Web application model that would solve common complaints about ASP, especially with regard to [separation of presentation and content](http://en.wikipedia.org/wiki/Separation_of_presentation_and_content) and being able to write "clean" code. Mark Anders, a manager on the IIS team, and [Scott Guthrie](http://en.wikipedia.org/wiki/Scott_Guthrie), who had joined Microsoft in 1997 after graduating from [Duke University](http://en.wikipedia.org/wiki/Duke_University), were tasked with determining what that model would look like. The initial design was developed over the course of two months by Anders and Guthrie, and Guthrie coded the initial prototypes during the Fall of 1997.

The initial prototype was called "XSP"; Guthrie explained in a 2007 interview that, "People would always ask what the X stood for. At the time it really didn't stand for anything. XML started with that; [XSLT](http://en.wikipedia.org/wiki/XSLT) started with that. Everything cool seemed to start with an X, so that's what we originally named it." The initial prototype of XSP was done using [Java](http://en.wikipedia.org/wiki/Java_%28programming_language%29), but it was soon decided to build the new platform on top of the [Common Language Runtime](http://en.wikipedia.org/wiki/Common_Language_Runtime) (CLR), as it offered an [object-oriented programming](http://en.wikipedia.org/wiki/Object-oriented_programming) environment, [garbage collection](http://en.wikipedia.org/wiki/Garbage_collection_%28computer_science%29) and other features that were seen as desirable features that Microsoft's [Component Object Model](http://en.wikipedia.org/wiki/Component_Object_Model) platform did not support. Guthrie described this decision as a "huge risk", as the success of their new Web development platform would be tied to the success of the CLR, which, like XSP, was still in the early stages of development, so much so that the XSP team was the first team at Microsoft to target the CLR.

**3.3.1 ASP**

**Active Server Pages** (**ASP**), also known as *Classic ASP* or *ASP Classic*, was [Microsoft](http://en.wikipedia.org/wiki/Microsoft)'s first [server-side](http://en.wikipedia.org/wiki/Server-side_scripting) [script engine](http://en.wikipedia.org/wiki/Active_Scripting) for [dynamically generated web pages](http://en.wikipedia.org/wiki/Dynamic_web_page). Initially released as an add-on to [Internet Information Services](http://en.wikipedia.org/wiki/Internet_Information_Services) (IIS) via the [Windows NT 4.0 Option Pack](http://en.wikipedia.org/wiki/Windows_NT_4.0#Option_Pack) (ca. 1998), it was subsequently included as a free component of Windows Server (since the initial release of [Windows 2000 Server](http://en.wikipedia.org/wiki/Windows_2000_Server)). [ASP.NET](http://en.wikipedia.org/wiki/ASP.NET) has superseded ASP.

ASP 2.0 provided six [built-in](http://en.wiktionary.org/wiki/built-in) [objects](http://en.wikipedia.org/wiki/Object_(computer_science)): Application, ASP Error, Request, Response, Server, and Session. Session, for example, represents a [session](http://en.wikipedia.org/wiki/Session_(computer_science)) that maintains the state of [variables](http://en.wikipedia.org/wiki/Variable_(programming)) from page to pageThe [Active Scripting](http://en.wikipedia.org/wiki/Active_Scripting) engine's support of the [Component Object Model](http://en.wikipedia.org/wiki/Component_Object_Model) (COM) enables ASP [websites](http://en.wikipedia.org/wiki/Website) to access functionality in compiled [libraries](http://en.wikipedia.org/wiki/Library_(computing)) such as [DLLs](http://en.wikipedia.org/wiki/Dynamic-link_library). There are only a few alternative implementations, and most of them are implemented in Java. Unlike the Mono ASP.NET implementation, these versions tend to be quite different to the Microsoft interpreter, so not all scripts written for the Microsoft platform may be supported, much more so because non-trivial ASP web applications often rely on external components (mostly [COM-based](http://en.wikipedia.org/wiki/Component_Object_Model) ones).

Web pages with the *.asp* [file extension](http://en.wikipedia.org/wiki/File_extension) use ASP, although some web sites disguise their choice of scripting language for security purposes (e.g. still using the more common *.htm* or *.html* extension). Pages with the *.aspx* extension use compiled [ASP.NET](http://en.wikipedia.org/wiki/ASP.NET) (based on Microsoft's [.NET Framework](http://en.wikipedia.org/wiki/.NET_Framework)), which makes them faster and more robust than [server-side scripting](http://en.wikipedia.org/wiki/Server-side_scripting) in ASP, which is interpreted at run-time; however, ASP.NET pages may still include some ASP scripting. The introduction of ASP.NET led to use of the term *Classic ASP* for the original technology.

Programmers write most ASP pages using [VBScript](http://en.wikipedia.org/wiki/VBScript), but any other Active Scripting engine can be selected instead with the @Language directive or the <script language="manu" runat="server"> syntax. [JScript](http://en.wikipedia.org/wiki/JScript) (Microsoft's implementation of [ECMAScript](http://en.wikipedia.org/wiki/ECMAScript)) is the other language that is usually available. [PerlScript](http://en.wikipedia.org/wiki/PerlScript) (a derivative of [Perl](http://en.wikipedia.org/wiki/Perl)) and others are available as third-party installable Active Scripting engines.

The .NET Framework (pronounced *dot net*) is a [software framework](http://en.wikipedia.org/wiki/Software_framework) that runs primarily on [Microsoft Windows](http://en.wikipedia.org/wiki/Microsoft_Windows). It includes a large [library](http://en.wikipedia.org/wiki/Base_Class_Library) and supports several [programming languages](http://en.wikipedia.org/wiki/Programming_language) which allows language interoperability (each language can use code written in other languages). Programs written for the .NET Framework execute in a [software](http://en.wikipedia.org/wiki/Software) environment (as contrasted to [hardware](http://en.wikipedia.org/wiki/Hardware) environment), known as the [Common Language Runtime](http://en.wikipedia.org/wiki/Common_Language_Runtime) (CLR), an [application virtual machine](http://en.wikipedia.org/wiki/Virtual_machine#Process_virtual_machines) that provides important services such as security, [memory management](http://en.wikipedia.org/wiki/Memory_management), and [exception handling](http://en.wikipedia.org/wiki/Exception_handling). The class library and the CLR together constitute the .NET Framework.

The . NET Framework's [Base Class Library](http://en.wikipedia.org/wiki/Base_Class_Library) provides [user interface](http://en.wikipedia.org/wiki/User_interface), [data access](http://en.wikipedia.org/wiki/Data_access), [database connectivity](http://en.wikipedia.org/wiki/Database_connection), [cryptography](http://en.wikipedia.org/wiki/Cryptography), [web application](http://en.wikipedia.org/wiki/Web_application) development, numeric [algorithms](http://en.wikipedia.org/wiki/Algorithm), and [network communications](http://en.wikipedia.org/wiki/Computer_networking). Programmers produce software by combining their own [source code](http://en.wikipedia.org/wiki/Source_code) with the .NET Framework and other libraries. The .NET Framework is intended to be used by most new applications created for the Windows platform. Microsoft also produces a popular [integrated development environment](http://en.wikipedia.org/wiki/Integrated_development_environment) largely for .NET software called [Visual Studio](http://en.wikipedia.org/wiki/Microsoft_Visual_Studio).

Microsoft started the development on the .NET Framework in the late 1990s originally under the name of Next Generation Windows Services (NGWS). By late 2000 the first beta versions of .NET 1.0 were released.

Version 3.0 of the .NET Framework is included with [Windows Server 2008](http://en.wikipedia.org/wiki/Windows_Server_2008) and [Windows Vista](http://en.wikipedia.org/wiki/Windows_Vista). Version 3.5 is included with [Windows 7](http://en.wikipedia.org/wiki/Windows_7), and can also be installed on [Windows XP](http://en.wikipedia.org/wiki/Windows_XP) and the [Windows Server 2003](http://en.wikipedia.org/wiki/Windows_Server_2003) family of operating systems.[[3]](http://en.wikipedia.org/wiki/.NET_Framework#cite_note-2) On 12 April 2010, .NET Framework 4 was released alongside [Visual Studio 2010](http://en.wikipedia.org/wiki/Visual_Studio_2010).

The .NET Framework family also includes two versions for [mobile](http://en.wikipedia.org/wiki/Mobile_computing) or [embedded](http://en.wikipedia.org/wiki/Embedded_system) device use. A reduced version of the framework, the [.NET Compact Framework](http://en.wikipedia.org/wiki/.NET_Compact_Framework), is available on [Windows CE](http://en.wikipedia.org/wiki/Microsoft_Windows_CE) platforms, including [Windows Mobile](http://en.wikipedia.org/wiki/Windows_Mobile) devices such as [smart phones](http://en.wikipedia.org/wiki/Smartphones). Additionally, the [.NET Micro Framework](http://en.wikipedia.org/wiki/.NET_Micro_Framework) is targeted at severely resource-constrained devices

**3.3.1 ASP .Net Programming**

**Active Server Pages** (**ASP**), programming is writing code to facility ASP functionality on websites. Such functionality Include the delivery of dynamic, database–driven content to website viewers without taxing the server-side system, ASP the HTML pages, enclosed in special tags. When you need to make changes in the ASP programming code, you need change only the ASP files; the HTML files, which do nothing but go and get the ASP files coding, need not be changed.

ASP files have a file extension of .asp much like HTML files have extension of either .html . the HTML files that contain the ASP instructions enclose those instruction within tags that look like this: <%=.

ASP Programming involves scripting in VBScript, Jscript, Perl, Python or other language. Certain modification are necessary, but the programmer who has written code in these other language will find ASP programming to be familiar indeed. The two language that work the best for ASP Programming are VBScript, Jscript,.

ASP.NET was developed in direct response to the problems that developers had with classic ASP. Since ASP is in such wide use, however, Microsoft ensured that ASP scripts execute without modification on a machine with the .NET Framework (the ASP engine, ASP.DLL, is not modified when installing the .NET Framework). Thus, IIS can house both ASP and ASP.NET scripts on the same machine.

**3.3.2 SQL Server 2008**

SQL Server 2008 (formerly codenamed "Katmai") was released on August 6, 2008 and aims to make data management [self-tuning](http://en.wikipedia.org/wiki/Self-tuning), self organizing, and self maintaining with the development of *SQL Server Always On* technologies, to provide near-zero downtime. SQL Server 2008 also includes support for [structured](http://en.wikipedia.org/wiki/Structured_data) and semi-structured data, including digital media formats for pictures, audio, video and other multimedia data. In current versions, such multimedia data can be stored as [BLOBs](http://en.wikipedia.org/wiki/Binary_large_object) (binary large objects), but they are generic bitstreams. Intrinsic awareness of multimedia data will allow specialized functions to be performed on them. According to [Paul Flessner](http://en.wikipedia.org/w/index.php?title=Paul_Flessner&action=edit&redlink=1), senior Vice President, Server Applications, [Microsoft Corp.](http://en.wikipedia.org/wiki/Microsoft), SQL Server 2008 can be a data storage backend for *different varieties of data: XML, email, time/calendar, file, document, spatial, etc* as well as perform *search, query, analysis, sharing, and synchronization* across all data types.

Other new data types include specialized date and time types and a *Spatial* data type for location-dependent data. Better support for unstructured and semi-structured data is provided using the new *FILESTREAM* data type, which can be used to reference any file stored on the file system. Structured data and metadata about the file is stored in SQL Server database, whereas the unstructured component is stored in the file system. Such files can be accessed both via [Win32](http://en.wikipedia.org/wiki/Win32) file handling [APIs](http://en.wikipedia.org/wiki/API) as well as via SQL Server using [T-SQL](http://en.wikipedia.org/wiki/T-SQL); doing the latter accesses the file data as a BLOB. Backing up and restoring the database backs up or restores the referenced files as well. SQL Server 2008 also natively supports hierarchical data, and includes [T-SQL](http://en.wikipedia.org/wiki/T-SQL) constructs to directly deal with them, without using recursive queries.

The [Full-text search](http://en.wikipedia.org/wiki/Full_text_search) functionality has been integrated with the database engine. According to a Microsoft technical article, this simplifies management and improves performance.

Spatial data will be stored in two types. A "Flat Earth" (GEOMETRY or planar) data type represents geospatial data which has been projected from its native, spherical, coordinate system into a plane. A "Round Earth" data type (GEOGRAPHY) uses an ellipsoidal model in which the Earth is defined as a single continuous entity which does not suffer from the singularities such as the international dateline, poles, or map projection zone "edges". Approximately 70 methods are available to represent spatial operations for the Open Geospatial Consortium [Simple Features for SQL](http://en.wikipedia.org/wiki/Simple_Features_for_SQL), Version 1.1

SQL Server includes better compression features, which also helps in improving scalability. It enhanced the indexing algorithms and introduced the notion of filtered indexes. It also includes *Resource Governor* that allows reserving resources for certain users or workflows. It also includes capabilities for [transparent encryption of data](http://en.wikipedia.org/wiki/Transparent_Data_Encryption) (TDE) as well as compression of backups. SQL Server 2008 supports the [ADO.NET Entity Framework](http://en.wikipedia.org/wiki/ADO.NET_Entity_Framework) and the reporting tools, replication, and data definition will be built around the [Entity Data Model](http://en.wikipedia.org/wiki/Entity_Data_Model). [SQL Server Reporting Services](http://en.wikipedia.org/wiki/SQL_Server_Reporting_Services) will gain charting capabilities from the integration of the data visualization products from [Dundas Data Visualization, Inc.](http://en.wikipedia.org/wiki/Dundas_Data_Visualization,_Inc.), which was acquired by Microsoft. On the management side, SQL Server 2008 includes the *Declarative Management Framework* which allows configuring policies and constraints, on the entire database or certain tables, declaratively. The version of [SQL Server Management Studio](http://en.wikipedia.org/wiki/SQL_Server_Management_Studio) included with SQL Server 2008 supports [IntelliSense](http://en.wikipedia.org/wiki/IntelliSense) for SQL queries against a SQL Server 2008 Database Engine. SQL Server 2008 also makes the databases available via [Windows PowerShell](http://en.wikipedia.org/wiki/Windows_PowerShell) providers and management functionality available as [Cmdlets](http://en.wikipedia.org/wiki/Cmdlets), so that the server and all the running instances can be managed from [Windows PowerShell](http://en.wikipedia.org/wiki/Windows_PowerShell).

**Advantage of SQL Server 2008**

* Transparent Data Encryption. The ability to encrypt an entire database.
* Backup Encryption. Executed at backup time to prevent tampering.
* External Key Management. Storing Keys separate from the data.
* Auditing. Monitoring of data access.
* Data Compression. Fact Table size reduction and improved performance.
* Resource Governor. Restrict users or groups from consuming high levels or resources.
* Hot Plug CPU. Add CPUs on the fly.
* Performance Studio. Collection of performance monitoring tools.
* *Installation improvements. Disk images and service pack uninstall options.*
* Dynamic Development. New ADO and Visual Studio options as well as Dot Net 3.
* Entity Data Services. Line Of Business (LOB) framework and Entity Query Language (eSQL)
* LINQ. Development query language for access multiple types of data such as SQL and XML.
* Data Synchronizing. Development of frequently disconnected applications.
* Large UDT. No size restriction on UDT.
* Dates and Times. New data types: Date, Time, Date Time Offset.
* File Stream. New data type VarBinary(Max) FileStream for managing binary data.
* Table Value Parameters. The ability to pass an entire table to a stored procedure.
* Spatial Data. Data type for storing Latitude, Longitude, and GPS entries.
* Full Text Search. Native Indexes, thesaurus as metadata, and backup ability.
* SQL Server Integration Service. Improved multiprocessor support and faster lookups.
* MERGE. TSQL command combining Insert, Update, and Delete.
* SQL Server Analysis Server. Stack improvements, faster block computations.
* SQL Server Reporting Server. Improved memory management and better rendering.
* Microsoft Office 2007. Use OFFICE as an SSRS template. SSRS to WORD.
* SQL 2000 Support Ends. Mainstream Support for SQL 2000 is coming to an end.

**CHAPTER 4**

**Testing and Implementation**

**Objective of Testing**

**Software testing** is an investigation conducted to provide stakeholders with information about the quality of the product or service under test. Software testing can also provide an objective, independent view of the software to allow the business to appreciate and understand the risks of software implementation. Test techniques include, but are not limited to, the process of executing a program or application with the intent of finding [software bugs](http://en.wikipedia.org/wiki/Software_bug) (errors or other defects).

Software testing can be stated as the process of validating and verifying that a software program/application/product:

1. meets the requirements that guided its design and development;
2. works as expected; and
3. can be implemented with the same characteristics.

Software testing, depending on the testing method employed, can be implemented at any time in the development process. However, most of the test effort traditionally occurs after the requirements have been defined and the coding process has been completed having been shown that fixing a bug is less expensive when found earlier in the development process. Although in the Agile approaches most of the test effort is, conversely, on-going. As such, the methodology of the test is governed by the software development methodology adopted.

Different software development models will focus the test effort at different points in the development process. Newer development models, such as [Agile](http://en.wikipedia.org/wiki/Agile_software_development), often employ [test driven development](http://en.wikipedia.org/wiki/Test_driven_development) and place an increased portion of the testing in the hands of the developer, before it reaches a formal team of testers. In a more traditional model, most of the test execution occurs after the requirements have been defined and the coding process has been completed. Testing can never completely identify all the defects within software. Instead, it furnishes a *criticism* or *comparison* that compares the state and behavior of the product against [oracles](http://en.wikipedia.org/wiki/Oracle_(software_testing))—principles or mechanisms by which someone might recognize a problem. These oracles may include (but are not limited to) specifications, [contracts](http://en.wikipedia.org/wiki/Design_by_Contract),[[3]](http://en.wikipedia.org/wiki/Software_testing#cite_note-2) comparable products, past versions of the same product, inferences about intended or expected purpose, user or customer expectations, relevant standards, applicable laws, or other criteria.

Every software product has a target audience. For example, the audience for video game software is completely different from banking software. Therefore, when an organization develops or otherwise invests in a software product, it can assess whether the software product will be acceptable to its end users, its target audience, its purchasers, and other stakeholders. **Software testing** is the process of attempting to make this assessment.

**4.2 Types of Testing**

**4.2.1 Black Box Testing**

**Black-box testing** treats the software as a "black box"—without any knowledge of internal implementation. Black-box testing methods include: [equivalence partitioning](http://en.wikipedia.org/wiki/Equivalence_partitioning), [boundary value analysis](http://en.wikipedia.org/wiki/Boundary_value_analysis), [all-pairs testing](http://en.wikipedia.org/wiki/All-pairs_testing), [fuzz testing](http://en.wikipedia.org/wiki/Fuzz_testing), [model-based testing](http://en.wikipedia.org/wiki/Model-based_testing), [exploratory testing](http://en.wikipedia.org/wiki/Exploratory_testing) and specification-based testing.

* **Specification-based testing**: Specification-based testing aims to test the functionality of software according to the applicable requirements. Thus, the tester inputs data into, and only sees the output from, the test object. This level of testing usually requires thorough test cases to be provided to the tester, who then can simply verify that for a given input, the output value (or behavior), either "is" or "is not" the same as the expected value specified in the test case.

Specification-based testing is necessary, but it is insufficient to guard against certain risks.

* **Advantages and disadvantages**: The black-box tester has no "bonds" with the code, and a tester's perception is very simple: a code *must* have bugs. Using the principle, "Ask and you shall receive," black-box testers find bugs where programmers do not. On the other hand, black-box testing has been said to be "like a walk in a dark labyrinth without a flashlight," because the tester doesn't know how the software being tested was actually constructed. As a result, there are situations when (1) a tester writes many test cases to check something that could have been tested by only one test case, and/or (2) some parts of the back-end are not tested at all.

Therefore, black-box testing has the advantage of "an unaffiliated opinion", on the one hand, and the disadvantage of "blind exploring", on the other

**4.2.2 White Box Testing**

**White-box testing** is when the tester has access to the internal data structures and algorithms including the code that implements these.

Types of white-box testing

The following types of white-box testing exist:

* [API](http://en.wikipedia.org/wiki/Application_programming_interface) testing (application programming interface) - testing of the application using public and private APIs
* [Code coverage](http://en.wikipedia.org/wiki/Code_coverage) - creating tests to satisfy some criteria of code coverage (e.g., the test designer can create tests to cause all statements in the program to be executed at least once)
* [Fault injection](http://en.wikipedia.org/wiki/Fault_injection) methods - improving the coverage of a test by introducing faults to test code paths
* [Mutation testing](http://en.wikipedia.org/wiki/Mutation_testing) methods
* [Static testing](http://en.wikipedia.org/wiki/Static_testing) - All types

Test coverage

White-box testing methods can also be used to evaluate the completeness of a test suite that was created with black-box testing methods. This allows the software team to examine parts of a system that are rarely tested and ensures that the most important [function points](http://en.wikipedia.org/wiki/Function_points) have been tested.[[21]](http://en.wikipedia.org/wiki/Software_testing#cite_note-20)

Two common forms of code coverage are:

* *Function coverage*, which reports on functions executed
* *Statement coverage*, which reports on the number of lines executed to complete the test

They both return a [code coverage](http://en.wikipedia.org/wiki/Code_coverage) [metric](http://en.wikipedia.org/wiki/Software_metric), measured as a [percentage](http://en.wikipedia.org/wiki/Percentage).

**4.2.3 Functional Testing**

Functional testing refers to activities that verify a specific action or function of the code. These are usually found in the code requirements documentation, although some development methodologies work from use cases or user stories. Functional tests tend to answer the question of "can the user do this" or "does this particular feature work."

Non-functional testing refers to aspects of the software that may not be related to a specific function or user action, such as [scalability](http://en.wikipedia.org/wiki/Scalability) or other [performance](http://en.wikipedia.org/wiki/Performance), behavior under certain [constraints](http://en.wikipedia.org/wiki/Constraints), or [security](http://en.wikipedia.org/wiki/Computer_security). Testing will determine the [flake point](http://en.wikipedia.org/w/index.php?title=Flake_point&action=edit&redlink=1), the point at which extremes of scalability or performance leads to unstable execution. Non-functional requirements tend to be those that reflect the quality of the product, particularly in the context of the suitability perspective of its users.

**4.2.4 System Testing**

**System testing** of software or hardware is testing conducted on a complete, integrated system to evaluate the system's compliance with its specified [requirements](http://en.wikipedia.org/wiki/Requirements). System testing falls within the scope of [black box testing](http://en.wikipedia.org/wiki/Black_box_testing), and as such, should require no knowledge of the inner design of the code or logic.

As a rule, system testing takes, as its input, all of the "integrated" software components that have successfully passed [integration testing](http://en.wikipedia.org/wiki/Integration_testing) and also the software system itself integrated with any applicable hardware system(s). The purpose of integration testing is to detect any inconsistencies between the software units that are integrated together (called *assemblages*) or between any of the *assemblages* and the hardware. System testing is a more limited type of testing; it seeks to detect defects both within the "inter-assemblages" and also within the system as a whole.

**4.3Various level Of Testing**

Before implementation the system is tested at two levels:

Level 1

Level 2

**4.3.1 Level 1 Testing (Alpha Testing)**

Alpha testing is simulated or actual operational testing by potential users/customers or an independent test team at the developers' site. Alpha testing is often employed for off-the-shelf software as a form of internal acceptance testing, before the software goes to beta testing.

**4.3.2 Level 2 Testing (Beta testing)**

Beta testing comes after alpha testing and can be considered a form of external [user acceptance testing](http://en.wikipedia.org/wiki/User_acceptance_testing). Versions of the software, known as [beta versions](http://en.wikipedia.org/wiki/Beta_version), are released to a limited audience outside of the programming team. The software is released to groups of people so that further testing can ensure the product has few faults or [bugs](http://en.wikipedia.org/wiki/Computer_bug). Sometimes, beta versions are made available to the open public to increase the [feedback](http://en.wikipedia.org/wiki/Feedback#In_organizations) field to a maximal number of future users.

**4.3.3 Recovery and Security**

A forced system failure is induced to test a backup recovery procedure for file integrity. Inaccurate data are entered to see how the system responds in terms of error detection and protection. Related to file integrity is a test to demonstrate that data and programs are secure from unauthorized access.

**4.3.4 Usability Documentation and Procedure:**

The usability test verifies the user-friendly nature of the system. This relates to normal operating and error-handling procedures.

**4.4 Quality Assurance**

Though controversial, software testing is a part of the [software quality assurance](http://en.wikipedia.org/wiki/Software_quality_assurance) (SQA) process. In SQA, software process specialists and auditors are concerned for the software development process rather than just the artifacts such as documentation, code and systems. They examine and change the software engineering process itself to reduce the number of faults that end up in the delivered software: the so-called defect rate*.*

What constitutes an "acceptable defect rate" depends on the nature of the software; A flight simulator video game would have much higher defect tolerance than software for an actual airplane.

Although there are close links with SQA, testing departments often exist independently, and there may be no SQA function in some companies.

Software testing is a task intended to detect defects in software by contrasting a computer program's expected results with its actual results for a given set of inputs. By contrast, QA (quality assurance) is the implementation of policies and procedures intended to prevent defects from occurring in the first place.

**4.5 System Implementation**

During the implementation stage the system in physically created. Necessary programs are coded, debugged and documented. A new hardware is selected, ordered and installed.

**4.6 System Specification**

Every computer system consists of three major elements.

1. The Hardware
2. Application software such as visual studio
3. Operating system

For successful operation of the package following must be kept in mind:

Too many packages should not be used, as very few system may have all those packages installed due to memory problem. Thus, the compatibility of the system development will get reduced.

**4.6.1 Hardware Requirements**

* Pentium IV Processor
* 512 MB RAM
* 40 GB HDD
* Color Monitor
* Keyboard, Mouse

**4.6.2 Software Requirements**

**1**. Visual Studio 2010

**2.** Sql Server 2008

**3.** AJAX

**4.** Filezilla

**5.** Microsoft Office 2007

**4.7 Installation**

The application installation script have to be generated from the current server where the application source code saved and installed in the main server from where the application is to be run. This was done using a special code, which generates all SQL-Statements to insert preliminary data (like menu entries, code in code directories etc) at server and the operational modules of the application made available to the end user successfully.

**4.8 Implementation**

The system is still under construction few report are yet to me made after that this system will be implanted at client side. Users will be given a training to use the package and special work shop is conducted by the courier for the purpose and according to their feedback the change implanted in the software.

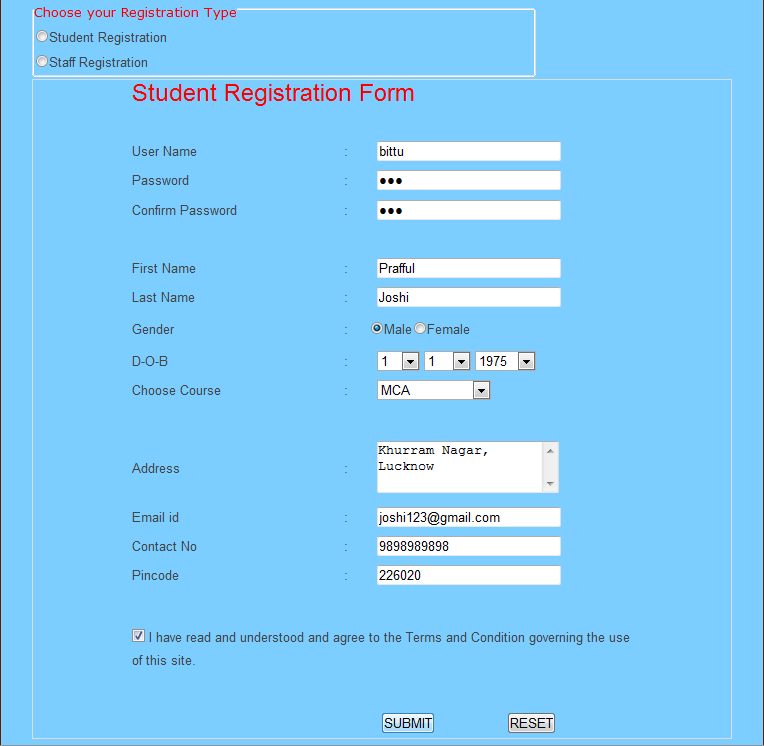
**Annexure**

**Simple Forms**

Student Login Page:



Student Registration :



Student Home :



Student Attendance Details:



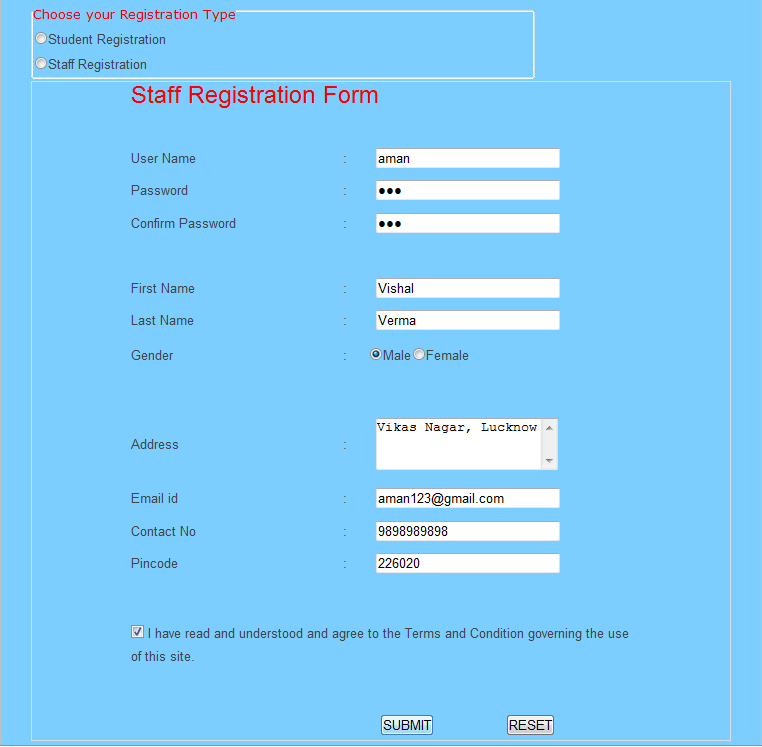
Student Fees Details :



Student Result Details :



Staff Registration:



Staff Login Page :



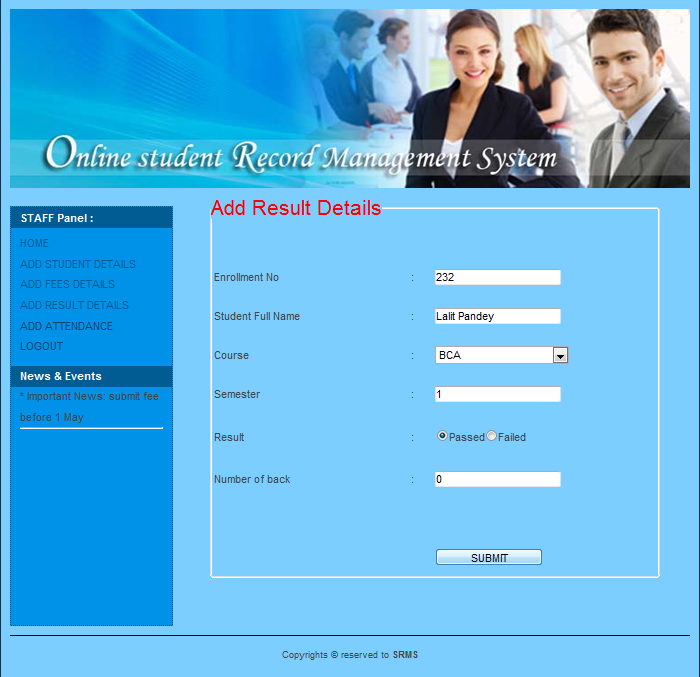
Add Student Information Page :



Add Attendance Page:



Add Result Page:



Add Fee Page:



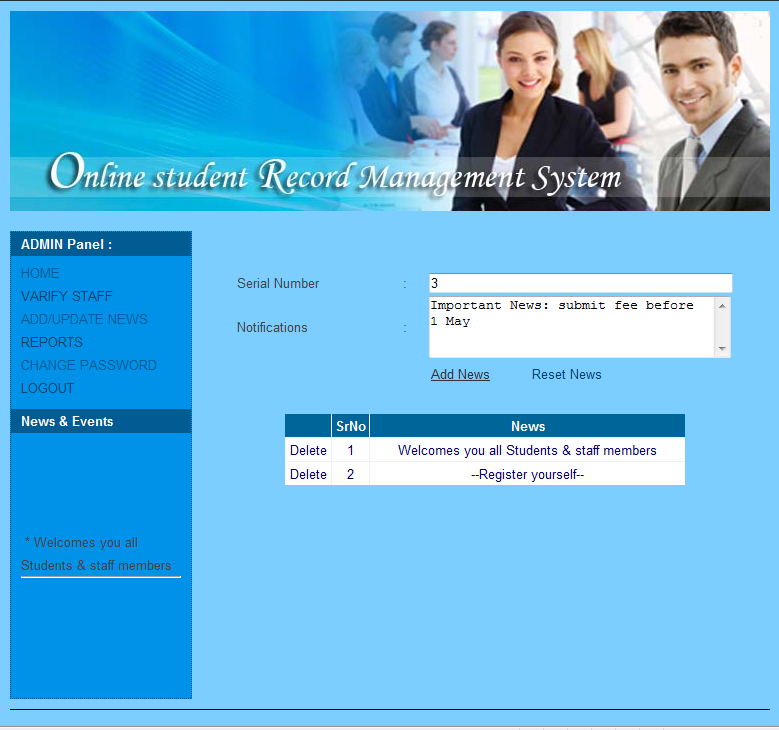
Admin Login Page:



Admin Home Page:



Add/Delete News Page:



Verify Faculty Page :



Index.aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="index.aspx.cs" Inherits="inidex" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<link rel="stylesheet" type="text/css" href="style.css" media="screen" />

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div id="wrap">

<div id="header">

</div>

<div id="right">

<h2>Welcome to Student record mgmt system</h2>

<div class="articles">

<p>

The Student Record Management System is a web based application which would be used to provide online support to the college management and also to the students. The web application would be much more helpful to get the information about the fees status of student, attendance and results etc.

</p>

<p> The management would fell that their good will has increased by providing such an online application in market.<br />

<br />

<img src="images/pic.jpg" alt="Example pic" style="border: 3px solid #ccc;" />

<br />

<br />

This proposed application will manage all the needs from both ends from students end as well as from management end. By using this application any organization can manage its all on going processes and also can generate reports that are very much important and fruitful in the growth of organization.

</p>

</div>

</div>

<div id="left">

<h3>Login Panel :</h3>

<ul>

<li> <asp:Label ID="Label1" runat="server" ForeColor="White" Text="Choose Login type :"></asp:Label>&nbsp;</li>

<li>

<asp:DropDownList ID="DropDownList1" runat="server" Width="130px">

<asp:ListItem>Select Login Type</asp:ListItem>

<asp:ListItem>Student</asp:ListItem>

<asp:ListItem>Staff</asp:ListItem>

<asp:ListItem>Admin</asp:ListItem>

</asp:DropDownList>

</li>

<li> <asp:Label ID="Label2" runat="server" ForeColor="White" Text="User Name :"></asp:Label>&nbsp;</li>

<li>

<asp:TextBox ID="TextBox1" runat="server" Width="160px"></asp:TextBox></li>

<li> <asp:Label ID="Label3" runat="server" ForeColor="White" Text="Password :"></asp:Label>&nbsp;</li>

<li> <asp:TextBox ID="TextBox2" runat="server" TextMode="Password" Width="160px"></asp:TextBox> </li>

<li>

<br /><asp:Button ID="Button1" runat="server" Text="SUBMIT" Width="100px"

onclick="Button1\_Click" style="height: 26px" /> </li>

<li> <asp:Label ID="msg" runat="server" ForeColor="Red" Text=""/> </li>

</ul>

<h3>News &amp; Events</h3>

<ul style="height:250px;">

<li style="height:250px;">

<marquee direction="up" scrollamount="4" OnMouseOver="this.stop()" OnMouseOut="this.start()">&nbsp;<asp:Label ID="news" runat="server" Text=""></asp:Label>&nbsp;</marquee>

</li>

</ul>

</div>

<div style="clear: both;">

<table style="width: 760px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width: 20px;">

&nbsp;</td>

<td style="width: 245px;text-align:center;">

<h2>STUDENT PANEL</h2></td>

<td style="width: 250px;text-align:center;">

<h2>STAFF PANEL</h2></td>

<td style="width: 245px;text-align:center;">

<h2>ADMIN PANEL</h2></td>

<td style="width: 20px;">

&nbsp;</td>

</tr>

<tr>

<td style="width: 20px;">

&nbsp;</td>

<td style="width: 245px;text-align:center;">

<asp:Image ID="Image1" runat="server" Height="160px"

ImageUrl="~/images/2.png" Width="240px" />

</td>

<td style="width: 250px;text-align:center;">

<asp:Image ID="Image2" runat="server" Height="160px"

ImageUrl="~/images/3.png" Width="240px" />

</td>

<td style="width: 245px;text-align:center;">

<asp:Image ID="Image3" runat="server" Height="160px"

ImageUrl="~/images/1.png" Width="240px" />

</td>

<td style="width: 20px;">

&nbsp;</td>

</tr>

<tr>

<td style="width: 20px;">

&nbsp;</td>

<td style="width: 245px;text-align:center;">

<asp:LinkButton ID="LinkButton1" runat="server"

PostBackUrl="~/studentRegistration.aspx">new student registration</asp:LinkButton>

</td>

<td style="width: 250px;text-align:center;">

<asp:LinkButton ID="LinkButton2" runat="server"

PostBackUrl="~/staffRegistration.aspx">new staff registration</asp:LinkButton>

</td>

<td style="width: 245px;text-align:center;">

&nbsp;</td>

<td style="width: 20px;">

&nbsp;</td>

</tr>

</table>

</div>

<div id="footer">

Copyrights &copy; reserved to <b>SRMS</b>

</div>

</div>

</form>

</body>

</html>

public partial class inidex : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlCommand cmd = new SqlCommand();

string str1, str2, str3, str4, str,str5;

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = DatabaseConnectivity.get\_connection();

cmd.Connection = con;

con.Open();

string str = "";

string str1 = "select \* from NewsTable";

SqlDataAdapter da = new SqlDataAdapter(str1, con);

DataSet ds = new DataSet();

da.Fill(ds, "NewsTable");

int i = 1;

foreach (DataRow dr in ds.Tables["NewsTable"].Rows)

{

str += "\* " + dr[1] + "</br><hr/></br>";

i++;

}

news.Text = str.ToString();

con.Close();

}

protected void Button1\_Click(object sender, EventArgs e)

{

try

{

con.Open();

str1 = TextBox1.Text;

str2 = TextBox2.Text;

SqlDataReader dr = null;

if (DropDownList1.SelectedIndex == 0)

{

msg.Text = "Please Select any type";

}

else if (DropDownList1.SelectedIndex == 1)

{

cmd.CommandText = "SELECT \* FROM stuRegistration";

dr = cmd.ExecuteReader();

while (dr.Read())

{

str3 = dr["uname"].ToString();

str4 = dr["pass"].ToString();

str5 = dr["enroll\_no"].ToString();

if (str1 == str3 && str2 == str4)

{

dr.Close();

Session["stuSession"] = str1;

Session["enroll\_no"] = str5;

Response.Redirect("~/Student/stuIndex.aspx");

}

}

msg.Text = "Unauthorised Access";

}

else if (DropDownList1.SelectedIndex == 2)

{

string str5 = str1;

string str6 = null;

string str7 = "allowed";

cmd.CommandText = "SELECT status FROM staffRegistration WHERE uname=@uname";

cmd.Parameters.AddWithValue(@"uname", str5);

dr = cmd.ExecuteReader();

while (dr.Read())

{

str6 = dr["status"].ToString();

}

dr.Close();

cmd.Parameters.Clear();

if (str6 == str7)

{

cmd.CommandText = "SELECT \* FROM staffRegistration";

dr = cmd.ExecuteReader();

while (dr.Read())

{

str3 = dr["uname"].ToString();

str4 = dr["pass"].ToString();

if (str1 == str3 && str2 == str4)

{

dr.Close();

Session["staffSession"] = str1;

Response.Redirect("~/staff/staffIndex.aspx");

}

}

msg.Text = "Unauthorised Access";

}

else

{

msg.Text = "Unauthorised by Admin";

}

}

else

{

cmd.CommandText = "SELECT \* FROM admin";

dr = cmd.ExecuteReader();

while (dr.Read())

{

str3 = dr["admin\_id"].ToString();

str4 = dr["pass"].ToString();

if (str1 == str3 && str2 == str4)

{

dr.Close();

Session["adminSession"] = str1;

Response.Redirect("~/admin/adminIndex.aspx");

}

}

msg.Text = "Unauthorised Access";

}

}

catch (Exception ex)

{

msg.Text = "Your login attemped failed";

}

finally

{

con.Close();

}

}

}

Staff Registration:

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="staffRegistration.aspx.cs" Inherits="staffRegistration" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

<link rel="stylesheet" type="text/css" href="style.css" media="screen" />

</head>

<body>

<form id="form1" runat="server">

<center>

<div class="style1" style="width: 760px;background-color:#7bceff; border-color: #C0C0C0; border-width: 0px 1px 0px 1px; border-style: solid;">

<table style="width: 760px;">

<tr>

<td style="width: 30px">

&nbsp;</td>

<td style="width: 700px">

&nbsp;

<fieldset style="width: 500px;text-align:left;">

<legend>

<asp:Label ID="Label9" runat="server" Font-Names="Verdana" ForeColor="Red"

Text="Choose your Registration Type"></asp:Label>

</legend>

<asp:RadioButtonList ID="RadioButtonList1" runat="server" AutoPostBack="True">

<asp:ListItem>Student Registration</asp:ListItem>

<asp:ListItem>Staff Registration</asp:ListItem>

</asp:RadioButtonList>

</fieldset>

</td>

<td style="width: 30px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 30px">

&nbsp;</td>

<td style="width: 700px">

<table style="border: 1px solid #DDDDDD; width: 700px;">

<tr>

<td style="width: 100px">

&nbsp;</td>

<td style="width: 500px; text-align: left;">

<asp:Label ID="Label20" runat="server" Text="Staff Registration Form"

Font-Size="X-Large" ForeColor="Red"></asp:Label>

</td>

<td style="width: 100px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 100px">

&nbsp;</td>

<td style="width: 500px">

<table style="width: 500px; background-color:#7bceff; height: 600px;" cellpadding="0" cellspacing="0">

<tr>

<td style="width: 200px; text-align: left;">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label3" runat="server" Text="User Name"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox1" runat="server" Width="180px"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"

ControlToValidate="TextBox1" ErrorMessage="\*" ForeColor="Red"></asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label4" runat="server" Text="Password"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox2" runat="server" TextMode="Password" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label5" runat="server" Text="Confirm Password"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox3" runat="server" TextMode="Password" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label7" runat="server" Text="First Name"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox4" runat="server" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label8" runat="server" Text="Last Name"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox5" runat="server" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label21" runat="server" Text="Gender"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

<asp:RadioButtonList ID="RadioButtonList2" runat="server"

RepeatDirection="Horizontal">

<asp:ListItem>Male</asp:ListItem>

<asp:ListItem>Female</asp:ListItem>

</asp:RadioButtonList>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label14" runat="server" Text="Address"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox7" runat="server" TextMode="MultiLine" Height="50px"

Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label15" runat="server" Text="Email id"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox8" runat="server" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label16" runat="server" Text="Contact No"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox9" runat="server"

MaxLength="10" Width="180px"></asp:TextBox>

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label17" runat="server" Text="Pincode"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp; <asp:TextBox ID="TextBox10" runat="server" MaxLength="6" Width="180px"></asp:TextBox>

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<td style="text-align: left;" colspan="3">

<asp:CheckBox

ID="CheckBox1" runat="server"

Text=" I have read and understood and agree to the Terms and Condition governing the use of this site." />

</td>

</tr>

<tr>

<td style="text-align: center;" colspan="3">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<asp:Label

ID="msg" runat="server" Font-Size="Large" ForeColor="Red"></asp:Label>

</td>

</tr>

</table>

</td>

<td style="width: 100px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 100px">

&nbsp;</td>

<td style="width: 500px">

<table style="width: 500px;">

<tr>

<td style="width: 250px">

&nbsp;</td>

<td style="width: 125px; text-align: left;">

<asp:Button ID="Button1" runat="server" Text="SUBMIT" onclick="Button1\_Click" />

</td>

<td style="width: 125px; text-align: left;">

<asp:Button ID="Button2" runat="server"

Text="RESET"

onclick="Button2\_Click" />

</td>

</tr>

</table>

</td>

<td style="width: 100px">

&nbsp;</td>

</tr>

</table>

</td>

<td style="width: 30px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 30px">

&nbsp;</td>

<td style="width: 700px; text-align: right;">

<asp:HyperLink ID="HyperLink1" runat="server" NavigateUrl="~/index.aspx">Back to home</asp:HyperLink>

</td>

<td style="width: 30px">

&nbsp;</td>

</tr>

</table>

</div>

</center>

</form>

</body>

</html>

public partial class staffRegistration : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlCommand cmd = new SqlCommand();

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = DatabaseConnectivity.get\_connection();

cmd.Connection = con;

if (IsPostBack == true)

{

if (RadioButtonList1.SelectedIndex == 0)

{

Response.Redirect("~/studentRegistration.aspx");

}

else if (RadioButtonList1.SelectedIndex == 1)

{

Response.Redirect("~/staffRegistration.aspx");

}

}

}

protected void Button1\_Click(object sender, EventArgs e)

{

try

{

string s1;

if (CheckBox1.Checked == true)

{

s1 = "y";

con.Open();

cmd.CommandText = "INSERT INTO staffRegistration(uname,pass,cpass,fname,lname,gender,address,email,contact,pin,varify,status) values(@uname,@pass,@cpass,@fname,@lname,@gender,@address,@email,@contact,@pin,@varify,@status)";

cmd.Parameters.AddWithValue(@"uname", TextBox1.Text);

cmd.Parameters.AddWithValue(@"pass", TextBox2.Text);

cmd.Parameters.AddWithValue(@"cpass", TextBox3.Text);

cmd.Parameters.AddWithValue(@"fname", TextBox4.Text);

cmd.Parameters.AddWithValue(@"lname", TextBox5.Text);

cmd.Parameters.AddWithValue(@"gender", RadioButtonList2.SelectedValue);

cmd.Parameters.AddWithValue(@"address", TextBox7.Text);

cmd.Parameters.AddWithValue(@"email", TextBox8.Text);

cmd.Parameters.AddWithValue(@"contact", TextBox9.Text);

cmd.Parameters.AddWithValue(@"pin", TextBox10.Text);

cmd.Parameters.AddWithValue(@"status", "disallowed");

cmd.Parameters.AddWithValue(@"varify", s1);

cmd.ExecuteNonQuery();

msg.Text = "You have been successfully Registered";

}

}

catch (Exception ex)

{

msg.Text = "Your Registration was not Successful";

}

finally

{

con.Close();

}

}

protected void Button2\_Click(object sender, EventArgs e)

{

TextBox1.Text = "";

TextBox2.Text = "";

TextBox3.Text = "";

TextBox4.Text = "";

TextBox5.Text = "";

TextBox7.Text = "";

TextBox8.Text = "";

TextBox9.Text = "";

TextBox10.Text = "";

msg.Text = "";

RadioButtonList2.SelectedValue = null;

CheckBox1.Checked = false;

}

}

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="studentRegistration.aspx.cs" Inherits="studentRegistration" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<link rel="stylesheet" type="text/css" href="style.css" media="screen" />

<title></title>

</head>

<body>

<form id="form1" runat="server">

<center>

<div style="width: 760px;border-color: #C0C0C0;background-color:#7bceff; border-width: 0px 1px 0px 1px; border-style: solid;">

<table style="width: 760px;">

<tr>

<td style="width: 30px">

&nbsp;</td>

<td style="width: 700px">

&nbsp;

<fieldset style="width: 500px;text-align:left;">

<legend>

<asp:Label ID="Label9" runat="server" Font-Names="Verdana" ForeColor="Red"

Text="Choose your Registration Type"></asp:Label>

</legend>

<asp:RadioButtonList ID="RadioButtonList1" runat="server" AutoPostBack="True">

<asp:ListItem>Student Registration</asp:ListItem>

<asp:ListItem>Staff Registration</asp:ListItem>

</asp:RadioButtonList>

</fieldset>

</td>

<td style="width: 30px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 30px">

&nbsp;</td>

<td style="width: 700px">

<table style="border: 1px solid #DDDDDD;width: 700px;">

<tr>

<td style="width: 100px">

&nbsp;</td>

<td style="width: 500px; text-align: left;">

<asp:Label ID="Label20" runat="server" Text="Student Registration Form"

Font-Size="X-Large" ForeColor="Red"></asp:Label>

</td>

<td style="width: 100px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 100px">

&nbsp;</td>

<td style="width: 500px">

<table style="width: 500px; background-color:#7bceff; height: 600px;" cellpadding="0" cellspacing="0">

<tr>

<td style="width: 200px; text-align: left;">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label3" runat="server" Text="User Name"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox1" runat="server" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label4" runat="server" Text="Password"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox2" runat="server" TextMode="Password" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label5" runat="server" Text="Confirm Password"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox3" runat="server" TextMode="Password" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

Enrollment No.</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;&nbsp;<asp:TextBox ID="TextBox11" runat="server" Height="17px" Width="177px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label7" runat="server" Text="First Name"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox4" runat="server" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label8" runat="server" Text="Last Name"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox5" runat="server" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label19" runat="server" Text="Gender"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

<asp:RadioButtonList ID="RadioButtonList2" runat="server"

RepeatDirection="Horizontal">

<asp:ListItem>Male</asp:ListItem>

<asp:ListItem>Female</asp:ListItem>

</asp:RadioButtonList>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label10" runat="server" Text="D-O-B"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:DropDownList ID="DropDownList1" runat="server">

<asp:ListItem>DD</asp:ListItem>

<asp:ListItem>1</asp:ListItem>

<asp:ListItem>2</asp:ListItem>

<asp:ListItem>3</asp:ListItem>

<asp:ListItem>4</asp:ListItem>

<asp:ListItem>5</asp:ListItem>

<asp:ListItem>6</asp:ListItem>

<asp:ListItem>7</asp:ListItem>

<asp:ListItem>8</asp:ListItem>

<asp:ListItem>9</asp:ListItem>

<asp:ListItem>10</asp:ListItem>

<asp:ListItem>11</asp:ListItem>

<asp:ListItem>12</asp:ListItem>

<asp:ListItem>13</asp:ListItem>

<asp:ListItem>14</asp:ListItem>

<asp:ListItem>15</asp:ListItem>

<asp:ListItem>16</asp:ListItem>

<asp:ListItem>17</asp:ListItem>

<asp:ListItem>18</asp:ListItem>

<asp:ListItem>19</asp:ListItem>

<asp:ListItem>20</asp:ListItem>

<asp:ListItem>21</asp:ListItem>

<asp:ListItem>22</asp:ListItem>

<asp:ListItem>23</asp:ListItem>

<asp:ListItem>24</asp:ListItem>

<asp:ListItem>25</asp:ListItem>

<asp:ListItem>26</asp:ListItem>

<asp:ListItem>27</asp:ListItem>

<asp:ListItem>28</asp:ListItem>

<asp:ListItem>29</asp:ListItem>

<asp:ListItem>30 </asp:ListItem>

<asp:ListItem>31</asp:ListItem>

</asp:DropDownList>

<asp:DropDownList ID="DropDownList2" runat="server">

<asp:ListItem>MM</asp:ListItem>

<asp:ListItem>1</asp:ListItem>

<asp:ListItem>2</asp:ListItem>

<asp:ListItem>3</asp:ListItem>

<asp:ListItem>4</asp:ListItem>

<asp:ListItem>5</asp:ListItem>

<asp:ListItem>6</asp:ListItem>

<asp:ListItem>7</asp:ListItem>

<asp:ListItem>8</asp:ListItem>

<asp:ListItem>9</asp:ListItem>

<asp:ListItem>10</asp:ListItem>

<asp:ListItem>11</asp:ListItem>

<asp:ListItem>12</asp:ListItem>

</asp:DropDownList>

<asp:DropDownList ID="DropDownList3" runat="server">

<asp:ListItem>YYYY</asp:ListItem>

<asp:ListItem>1975</asp:ListItem>

<asp:ListItem>1976</asp:ListItem>

<asp:ListItem>1977</asp:ListItem>

<asp:ListItem>1978</asp:ListItem>

<asp:ListItem>1979</asp:ListItem>

<asp:ListItem>1980</asp:ListItem>

</asp:DropDownList>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label11" runat="server" Text="Choose Course"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;&nbsp;<asp:DropDownList ID="DropDownList4" runat="server">

<asp:ListItem>Choose Course</asp:ListItem>

<asp:ListItem>BCA</asp:ListItem>

<asp:ListItem>BBA</asp:ListItem>

<asp:ListItem>MCA</asp:ListItem>

<asp:ListItem>MBA</asp:ListItem>

</asp:DropDownList>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label14" runat="server" Text="Address"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox7" runat="server" TextMode="MultiLine" Height="50px"

Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label15" runat="server" Text="Email id"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp;

<asp:TextBox ID="TextBox8" runat="server" Width="180px"></asp:TextBox>

</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label16" runat="server" Text="Contact No"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp; <asp:TextBox ID="TextBox9" runat="server"

MaxLength="10" Width="180px"></asp:TextBox>

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

<asp:Label

ID="Label17" runat="server" Text="Pincode"></asp:Label>

</td>

<td style="width: 50px; text-align: center;">

:</td>

<td style="width: 250px; text-align: left;">

&nbsp; <asp:TextBox ID="TextBox10" runat="server" MaxLength="6" Width="180px"></asp:TextBox>

&nbsp;</td>

</tr>

<tr>

<td style="width: 200px; text-align: left;">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

<td style="width: 50px; text-align: center;">

&nbsp;</td>

<td style="width: 250px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<td style="text-align: left;" colspan="3">

<asp:CheckBox

ID="CheckBox1" runat="server"

Text=" I have read and understood and agree to the Terms and Condition governing the use of this site." />

</td>

</tr>

<tr>

<td style="text-align: center;" colspan="3">

<asp:Label ID="msg" runat="server" Font-Size="Large" ForeColor="Red"></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>

</tr>

</table>

</td>

<td style="width: 100px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 100px">

&nbsp;</td>

<td style="width: 500px">

<table style="width: 500px;">

<tr>

<td style="width: 250px">

&nbsp;</td>

<td style="width: 125px; text-align: left;">

<asp:Button ID="Button1" runat="server" Text="SUBMIT" onclick="Button1\_Click" />

</td>

<td style="width: 125px; text-align: left;">

<asp:Button ID="Button2" runat="server"

Text="RESET" onclick="Button2\_Click" />

</td>

</tr>

</table>

</td>

<td style="width: 100px">

&nbsp;</td>

</tr>

</table>

</td>

<td style="width: 30px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 30px">

&nbsp;</td>

<td style="width: 700px; text-align: right;">

<asp:HyperLink ID="HyperLink1" runat="server" NavigateUrl="~/index.aspx">Back to home</asp:HyperLink>

</td>

<td style="width: 30px">

&nbsp;</td>

</tr>

</table>

</div>

</center>

</form>

</body>

</html>

ublic partial class studentRegistration : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlCommand cmd = new SqlCommand();

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = DatabaseConnectivity.get\_connection();

cmd.Connection = con;

if (IsPostBack == true)

{

if (RadioButtonList1.SelectedIndex == 0)

{

Response.Redirect("~/studentRegistration.aspx");

}

else if (RadioButtonList1.SelectedIndex == 1)

{

Response.Redirect("~/staffRegistration.aspx");

}

}

}

protected void Button1\_Click(object sender, EventArgs e)

{

try

{

string s1;

if (CheckBox1.Checked == true)

{

s1 = "y";

con.Open();

cmd.CommandText = "INSERT INTO stuRegistration(uname,pass,cpass,enroll\_no,fname,lname,gender,dob,course,address,email,contact,pin,varify) values(@uname,@pass,@cpass,@enroll\_no,@fname,@lname,@gender,@dob,@course,@address,@email,@contact,@pin,@varify)";

cmd.Parameters.AddWithValue(@"uname", TextBox1.Text);

cmd.Parameters.AddWithValue(@"pass", TextBox2.Text);

cmd.Parameters.AddWithValue(@"cpass", TextBox3.Text);

cmd.Parameters.AddWithValue(@"enroll\_no", TextBox11.Text);

cmd.Parameters.AddWithValue(@"fname", TextBox4.Text);

cmd.Parameters.AddWithValue(@"lname", TextBox5.Text);

cmd.Parameters.AddWithValue(@"gender", RadioButtonList2.SelectedValue);

cmd.Parameters.AddWithValue(@"dob", DropDownList1.SelectedValue + "-" + DropDownList2.SelectedValue + "-" + DropDownList3.SelectedValue);

cmd.Parameters.AddWithValue(@"course", DropDownList4.SelectedValue);

cmd.Parameters.AddWithValue(@"address", TextBox7.Text);

cmd.Parameters.AddWithValue(@"email", TextBox8.Text);

cmd.Parameters.AddWithValue(@"contact", TextBox9.Text);

cmd.Parameters.AddWithValue(@"pin", TextBox10.Text);

cmd.Parameters.AddWithValue(@"varify", s1);

cmd.ExecuteNonQuery();

msg.Text = "You have been successfully Registered";

}

}

catch (Exception ex)

{

msg.Text = "Your Registration was not Successful";

}

finally

{

con.Close();

}

}

protected void Button2\_Click(object sender, EventArgs e)

{

TextBox1.Text = "";

TextBox2.Text = "";

TextBox3.Text = "";

TextBox4.Text = "";

TextBox5.Text = "";

TextBox7.Text = "";

TextBox8.Text = "";

TextBox9.Text = "";

TextBox10.Text = "";

TextBox11.Text = "";

msg.Text = "";

RadioButtonList2.SelectedValue = null;

DropDownList1.SelectedIndex = 0;

DropDownList2.SelectedIndex = 0;

DropDownList3.SelectedIndex = 0;

DropDownList4.SelectedIndex = 0;

CheckBox1.Checked = false;

}

}

**Allow.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/admin/adminMasterPage.master" AutoEventWireup="true" CodeFile="allowStaff.aspx.cs" Inherits="admin\_allowStaff" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;">&nbsp;</td>

<td style="width:500px;">&nbsp;</td>

<td style="width:25px;">&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">&nbsp;</td>

<td style="width:500px;">

<table style="width:500px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label1" runat="server" Text="Choose Staff"></asp:Label>

</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="True"

DataSourceID="SqlDataSource1" DataTextField="uname" DataValueField="uname">

</asp:DropDownList>

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

SelectCommand="SELECT [uname] FROM [staffRegistration]"></asp:SqlDataSource>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">&nbsp;</td>

<td style="width:50px;text-align:center;">&nbsp;</td>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="text-align:right;" colspan="4">

<asp:FormView ID="FormView1" runat="server" DataKeyNames="uname"

DataSourceID="SqlDataSource2" BackColor="White" BorderColor="White"

BorderStyle="Ridge" BorderWidth="2px" CellPadding="3" CellSpacing="1">

<EditItemTemplate>

uname:

<asp:Label ID="unameLabel1" runat="server" Text='<%# Eval("uname") %>' />

<br />

pass:

<asp:TextBox ID="passTextBox" runat="server" Text='<%# Bind("pass") %>' />

<br />

fname:

<asp:TextBox ID="fnameTextBox" runat="server" Text='<%# Bind("fname") %>' />

<br />

lname:

<asp:TextBox ID="lnameTextBox" runat="server" Text='<%# Bind("lname") %>' />

<br />

gender:

<asp:TextBox ID="genderTextBox" runat="server" Text='<%# Bind("gender") %>' />

<br />

address:

<asp:TextBox ID="addressTextBox" runat="server" Text='<%# Bind("address") %>' />

<br />

email:

<asp:TextBox ID="emailTextBox" runat="server" Text='<%# Bind("email") %>' />

<br />

contact:

<asp:TextBox ID="contactTextBox" runat="server" Text='<%# Bind("contact") %>' />

<br />

pin:

<asp:TextBox ID="pinTextBox" runat="server" Text='<%# Bind("pin") %>' />

<br />

status:

<asp:TextBox ID="statusTextBox" runat="server" Text='<%# Bind("status") %>' />

<br />

<asp:LinkButton ID="UpdateButton" runat="server" CausesValidation="True"

CommandName="Update" Text="Update" />

&nbsp;<asp:LinkButton ID="UpdateCancelButton" runat="server"

CausesValidation="False" CommandName="Cancel" Text="Cancel" />

</EditItemTemplate>

<EditRowStyle BackColor="#9471DE" Font-Bold="True" ForeColor="White" />

<FooterStyle BackColor="#C6C3C6" ForeColor="Black" />

<HeaderStyle BackColor="#4A3C8C" Font-Bold="True" ForeColor="#E7E7FF" />

<InsertItemTemplate>

uname:

<asp:TextBox ID="unameTextBox" runat="server" Text='<%# Bind("uname") %>' />

<br />

pass:

<asp:TextBox ID="passTextBox" runat="server" Text='<%# Bind("pass") %>' />

<br />

fname:

<asp:TextBox ID="fnameTextBox" runat="server" Text='<%# Bind("fname") %>' />

<br />

lname:

<asp:TextBox ID="lnameTextBox" runat="server" Text='<%# Bind("lname") %>' />

<br />

gender:

<asp:TextBox ID="genderTextBox" runat="server" Text='<%# Bind("gender") %>' />

<br />

address:

<asp:TextBox ID="addressTextBox" runat="server" Text='<%# Bind("address") %>' />

<br />

email:

<asp:TextBox ID="emailTextBox" runat="server" Text='<%# Bind("email") %>' />

<br />

contact:

<asp:TextBox ID="contactTextBox" runat="server" Text='<%# Bind("contact") %>' />

<br />

pin:

<asp:TextBox ID="pinTextBox" runat="server" Text='<%# Bind("pin") %>' />

<br />

status:

<asp:TextBox ID="statusTextBox" runat="server" Text='<%# Bind("status") %>' />

<br />

<asp:LinkButton ID="InsertButton" runat="server" CausesValidation="True"

CommandName="Insert" Text="Insert" />

&nbsp;<asp:LinkButton ID="InsertCancelButton" runat="server"

CausesValidation="False" CommandName="Cancel" Text="Cancel" />

</InsertItemTemplate>

<ItemTemplate>

<table style="width: 500px;">

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

User Name</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="unameLabel" runat="server" Text='<%# Eval("uname") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

Password</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="passLabel" runat="server" Text='<%# Bind("pass") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

First Name</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="fnameLabel" runat="server" Text='<%# Bind("fname") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

Last Name</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="lnameLabel" runat="server" Text='<%# Bind("lname") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

Gender</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="genderLabel" runat="server" Text='<%# Bind("gender") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

Address</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="addressLabel" runat="server" Text='<%# Bind("address") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

Email</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="emailLabel" runat="server" Text='<%# Bind("email") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

Contact</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="contactLabel" runat="server" Text='<%# Bind("contact") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

Pincode</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="pinLabel" runat="server" Text='<%# Bind("pin") %>' />

</td>

</tr>

<tr>

<td style="width: 50px">

&nbsp;</td>

<td style="width: 200px; text-align: left;">

Status</td>

<td style="width: 50px; text-align: center">

&nbsp;</td>

<td style="width: 200px; text-align: left">

<asp:Label ID="statusLabel" runat="server" Text='<%# Bind("status") %>' />

</td>

</tr>

</table>

</ItemTemplate>

<PagerStyle BackColor="#C6C3C6" ForeColor="Black" HorizontalAlign="Right" />

<RowStyle BackColor="#DEDFDE" ForeColor="Black" />

</asp:FormView>

<asp:SqlDataSource ID="SqlDataSource2" runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

SelectCommand="SELECT [uname], [pass], [fname], [lname], [gender], [address], [email], [contact], [pin], [status] FROM [staffRegistration] WHERE ([uname] = @uname)">

<SelectParameters>

<asp:ControlParameter ControlID="DropDownList1" Name="uname"

PropertyName="SelectedValue" Type="String" />

</SelectParameters>

</asp:SqlDataSource>

</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label2" runat="server" Text="Allowed/Disallowed Staff "></asp:Label>

</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:RadioButtonList ID="RadioButtonList1" runat="server"

RepeatDirection="Horizontal">

<asp:ListItem Value="allowed">Allowed</asp:ListItem>

<asp:ListItem Value="disallowed">Disallowed</asp:ListItem>

</asp:RadioButtonList>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">&nbsp;</td>

<td style="width:50px;text-align:center;">&nbsp;</td>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">&nbsp;</td>

<td style="width:50px;text-align:center;">&nbsp;</td>

<td style="width:200px;text-align:left;">&nbsp;<asp:Button ID="Button1" runat="server"

onclick="Button1\_Click" Text="Change Status" Width="150px" />

&nbsp;</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

</table>

</td>

<td style="width:25px;">&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">&nbsp;</td>

<td style="width:500px; text-align: center;">

<asp:Label ID="msg" runat="server" Font-Size="Large" ForeColor="Red"></asp:Label>

</td>

<td style="width:25px;">&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">&nbsp;</td>

<td style="width:500px;">&nbsp;</td>

<td style="width:25px;">&nbsp;</td>

</tr>

</table>

</div>

</asp:Content>

public partial class admin\_allowStaff : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlCommand cmd = new SqlCommand();

string str1, str2, str3, str4, str;

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = DatabaseConnectivity.get\_connection();

cmd.Connection = con;

}

protected void Button1\_Click(object sender, EventArgs e)

{

try

{

str1 = DropDownList1.SelectedValue;

if (RadioButtonList1.SelectedIndex == 0)

{

str = RadioButtonList1.SelectedValue;

}

else if (RadioButtonList1.SelectedIndex == 1)

{

str = RadioButtonList1.SelectedValue;

}

con.Open();

cmd.CommandText = "UPDATE staffRegistration SET status=@status WHERE uname=@uname";

cmd.Parameters.AddWithValue(@"uname",str1);

cmd.Parameters.AddWithValue(@"status", str);

cmd.ExecuteNonQuery();

msg.Text = "Status Changed";

FormView1.DataBind();

}

catch(Exception ex)

{

}

finally

{

con.Close();

}

}

}

Attendance.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/admin/adminMasterPage.master" AutoEventWireup="true" CodeFile="attendanceReport.aspx.cs" Inherits="admin\_attendanceReport" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<h2>

&nbsp;ATTENDANCE Details</h2>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

&nbsp;</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<table style="width:500px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label2" runat="server" Text="Select Month &amp; Year"></asp:Label>

</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

&nbsp;

<asp:DropDownList ID="DropDownList5" runat="server">

<asp:ListItem>MM</asp:ListItem>

<asp:ListItem>1</asp:ListItem>

<asp:ListItem>2</asp:ListItem>

<asp:ListItem>3</asp:ListItem>

<asp:ListItem>4</asp:ListItem>

<asp:ListItem>5</asp:ListItem>

<asp:ListItem>6</asp:ListItem>

<asp:ListItem>7</asp:ListItem>

<asp:ListItem>8</asp:ListItem>

<asp:ListItem>9</asp:ListItem>

<asp:ListItem>10</asp:ListItem>

<asp:ListItem>11</asp:ListItem>

<asp:ListItem>12</asp:ListItem>

</asp:DropDownList>

&nbsp;<asp:DropDownList ID="DropDownList6" runat="server">

<asp:ListItem>YYYY</asp:ListItem>

<asp:ListItem>1975</asp:ListItem>

<asp:ListItem>1976</asp:ListItem>

<asp:ListItem>1977</asp:ListItem>

<asp:ListItem>1978</asp:ListItem>

<asp:ListItem>1979</asp:ListItem>

<asp:ListItem>1980</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">&nbsp; Choose Course</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

&nbsp;&nbsp;<asp:DropDownList ID="DropDownList1" runat="server" Width="116px">

<asp:ListItem>Choose Course</asp:ListItem>

<asp:ListItem>BCA</asp:ListItem>

<asp:ListItem>BBA</asp:ListItem>

<asp:ListItem>MCA</asp:ListItem>

<asp:ListItem>MBA</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">&nbsp; Semester</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

&nbsp;&nbsp;<asp:TextBox ID="TextBox2" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

&nbsp;</td>

<td style="width:50px;text-align:center;">

&nbsp;</td>

<td style="width:200px;text-align:left;">

&nbsp;&nbsp;<asp:Button ID="Button1" runat="server" onclick="Button1\_Click" Text="Button" />

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

</table>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<asp:GridView ID="GridView1" runat="server" DataSourceID="SqlDataSource1"

AutoGenerateColumns="False" DataKeyNames="roll\_no" BackColor="White"

BorderColor="#3366CC" BorderStyle="None" BorderWidth="1px" CellPadding="4"

Width="500px">

<Columns>

<asp:BoundField DataField="roll\_no" HeaderText="Roll no" ReadOnly="True"

SortExpression="roll\_no" />

<asp:BoundField DataField="Name" HeaderText="Name" SortExpression="Name" />

<asp:BoundField DataField="Course" HeaderText="Course"

SortExpression="Course" />

<asp:BoundField DataField="Sem" HeaderText="Sem" SortExpression="Sem" />

<asp:BoundField DataField="Date" HeaderText="Date" SortExpression="Date" />

<asp:BoundField DataField="month" HeaderText="Month" SortExpression="month" />

<asp:BoundField DataField="year" HeaderText="Year" SortExpression="year" />

<asp:BoundField DataField="attendance" HeaderText="Attendance"

SortExpression="attendance" />

</Columns>

<FooterStyle BackColor="#99CCCC" ForeColor="#003399" />

<HeaderStyle BackColor="#003399" Font-Bold="True" ForeColor="#CCCCFF" />

<PagerStyle BackColor="#99CCCC" ForeColor="#003399" HorizontalAlign="Left" />

<RowStyle BackColor="White" ForeColor="#003399" />

<SelectedRowStyle BackColor="#009999" Font-Bold="True" ForeColor="#CCFF99" />

<SortedAscendingCellStyle BackColor="#EDF6F6" />

<SortedAscendingHeaderStyle BackColor="#0D4AC4" />

<SortedDescendingCellStyle BackColor="#D6DFDF" />

<SortedDescendingHeaderStyle BackColor="#002876" />

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

SelectCommand="SELECT \* FROM [attendance] WHERE (([Course] = @Course) AND ([month] = @month) AND ([year] = @year) AND ([Sem] = @Sem))">

<SelectParameters>

<asp:ControlParameter ControlID="DropDownList1" Name="Course"

PropertyName="SelectedValue" Type="String" />

<asp:ControlParameter ControlID="DropDownList5" Name="month"

PropertyName="SelectedValue" Type="String" />

<asp:ControlParameter ControlID="DropDownList6" Name="year"

PropertyName="SelectedValue" Type="String" />

<asp:ControlParameter ControlID="TextBox2" Name="Sem" PropertyName="Text"

Type="String" />

</SelectParameters>

</asp:SqlDataSource>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

&nbsp;</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

</table>

</div>

</asp:Content>

Fee Report.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/admin/adminMasterPage.master" AutoEventWireup="true" CodeFile="feeReport.aspx.cs" Inherits="admin\_feeReport" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<h2>

FEE Details</h2>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<asp:ListView ID="ListView1" runat="server" DataKeyNames="Enroll\_no"

DataSourceID="SqlDataSource1">

<AlternatingItemTemplate>

<tr style="background-color:#FFF8DC;">

<td>

<asp:Label ID="Enroll\_noLabel" runat="server" Text='<%# Eval("Enroll\_no") %>' />

</td>

<td>

<asp:Label ID="NameLabel" runat="server" Text='<%# Eval("Name") %>' />

</td>

<td>

<asp:Label ID="CourseLabel" runat="server" Text='<%# Eval("Course") %>' />

</td>

<td>

<asp:Label ID="SessionLabel" runat="server" Text='<%# Eval("Session") %>' />

</td>

<td>

<asp:Label ID="SemLabel" runat="server" Text='<%# Eval("Sem") %>' />

</td>

<td>

<asp:Label ID="DateLabel" runat="server" Text='<%# Eval("Date") %>' />

</td>

<td>

<asp:Label ID="TotalFeeLabel" runat="server" Text='<%# Eval("TotalFee") %>' />

</td>

<td>

<asp:Label ID="DepositLabel" runat="server"

Text='<%# Eval("Deposit") %>' />

</td>

<td>

<asp:Label ID="DueLabel" runat="server" Text='<%# Eval("Due") %>' />

</td>

</tr>

</AlternatingItemTemplate>

<EditItemTemplate>

<tr style="background-color:#008A8C;color: #FFFFFF;">

<td>

<asp:Button ID="UpdateButton" runat="server" CommandName="Update"

Text="Update" />

<asp:Button ID="CancelButton" runat="server" CommandName="Cancel"

Text="Cancel" />

</td>

<td>

<asp:Label ID="Enroll\_noLabel1" runat="server"

Text='<%# Eval("Enroll\_no") %>' />

</td>

<td>

<asp:TextBox ID="NameTextBox" runat="server" Text='<%# Bind("Name") %>' />

</td>

<td>

<asp:TextBox ID="CourseTextBox" runat="server" Text='<%# Bind("Course") %>' />

</td>

<td>

<asp:TextBox ID="SessionTextBox" runat="server" Text='<%# Bind("Session") %>' />

</td>

<td>

<asp:TextBox ID="SemTextBox" runat="server"

Text='<%# Bind("Sem") %>' />

</td>

<td>

<asp:TextBox ID="DateTextBox" runat="server" Text='<%# Bind("Date") %>' />

</td>

<td>

<asp:TextBox ID="TotalFeeTextBox" runat="server"

Text='<%# Bind("TotalFee") %>' />

</td>

<td>

<asp:TextBox ID="DepositTextBox" runat="server"

Text='<%# Bind("Deposit") %>' />

</td>

<td>

<asp:TextBox ID="DueTextBox" runat="server" Text='<%# Bind("Due") %>' />

</td>

</tr>

</EditItemTemplate>

<EmptyDataTemplate>

<table runat="server"

style="background-color: #FFFFFF;border-collapse: collapse;border-color: #999999;border-style:none;border-width:1px;">

<tr>

<td>

No data was returned.</td>

</tr>

</table>

</EmptyDataTemplate>

<InsertItemTemplate>

<tr style="">

<td>

<asp:Button ID="InsertButton" runat="server" CommandName="Insert"

Text="Insert" />

<asp:Button ID="CancelButton" runat="server" CommandName="Cancel"

Text="Clear" />

</td>

<td>

<asp:TextBox ID="Enroll\_noTextBox" runat="server"

Text='<%# Bind("Enroll\_no") %>' />

</td>

<td>

<asp:TextBox ID="NameTextBox" runat="server" Text='<%# Bind("Name") %>' />

</td>

<td>

<asp:TextBox ID="CourseTextBox" runat="server" Text='<%# Bind("Course") %>' />

</td>

<td>

<asp:TextBox ID="SessionTextBox" runat="server" Text='<%# Bind("Session") %>' />

</td>

<td>

<asp:TextBox ID="SemTextBox" runat="server"

Text='<%# Bind("Sem") %>' />

</td>

<td>

<asp:TextBox ID="DateTextBox" runat="server" Text='<%# Bind("Date") %>' />

</td>

<td>

<asp:TextBox ID="TotalFeeTextBox" runat="server"

Text='<%# Bind("TotalFee") %>' />

</td>

<td>

<asp:TextBox ID="DepositTextBox" runat="server"

Text='<%# Bind("Deposit") %>' />

</td>

<td>

<asp:TextBox ID="DueTextBox" runat="server" Text='<%# Bind("Due") %>' />

</td>

</tr>

</InsertItemTemplate>

<ItemTemplate>

<tr style="background-color:#DCDCDC;color: #000000;">

<td>

<asp:Label ID="Enroll\_noLabel" runat="server" Text='<%# Eval("Enroll\_no") %>' />

</td>

<td>

<asp:Label ID="NameLabel" runat="server" Text='<%# Eval("Name") %>' />

</td>

<td>

<asp:Label ID="CourseLabel" runat="server" Text='<%# Eval("Course") %>' />

</td>

<td>

<asp:Label ID="SessionLabel" runat="server" Text='<%# Eval("Session") %>' />

</td>

<td>

<asp:Label ID="SemLabel" runat="server" Text='<%# Eval("Sem") %>' />

</td>

<td>

<asp:Label ID="DateLabel" runat="server" Text='<%# Eval("Date") %>' />

</td>

<td>

<asp:Label ID="TotalFeeLabel" runat="server" Text='<%# Eval("TotalFee") %>' />

</td>

<td>

<asp:Label ID="DepositLabel" runat="server"

Text='<%# Eval("Deposit") %>' />

</td>

<td>

<asp:Label ID="DueLabel" runat="server" Text='<%# Eval("Due") %>' />

</td>

</tr>

</ItemTemplate>

<LayoutTemplate>

<table runat="server">

<tr runat="server">

<td runat="server">

<table ID="itemPlaceholderContainer" runat="server" border="1"

style="background-color: #FFFFFF;border-collapse: collapse;border-color: #999999;border-style:none;border-width:1px;font-family: Verdana, Arial, Helvetica, sans-serif;">

<tr runat="server" style="background-color:#DCDCDC;color: #000000;">

<th runat="server">

Enroll\_no</th>

<th runat="server">

Name</th>

<th runat="server">

Course</th>

<th runat="server">

Session</th>

<th runat="server">

Sem</th>

<th runat="server">

Date</th>

<th runat="server">

TotalFee</th>

<th runat="server">

Deposit</th>

<th runat="server">

Due</th>

</tr>

<tr ID="itemPlaceholder" runat="server">

</tr>

</table>

</td>

</tr>

<tr runat="server">

<td runat="server"

style="text-align: center;background-color: #CCCCCC;font-family: Verdana, Arial, Helvetica, sans-serif;color: #000000;">

<asp:DataPager ID="DataPager1" runat="server">

<Fields>

<asp:NextPreviousPagerField ButtonType="Button" ShowFirstPageButton="True"

ShowLastPageButton="True" />

</Fields>

</asp:DataPager>

</td>

</tr>

</table>

</LayoutTemplate>

<SelectedItemTemplate>

<tr style="background-color:#008A8C;font-weight: bold;color: #FFFFFF;">

<td>

<asp:Label ID="Enroll\_noLabel" runat="server" Text='<%# Eval("Enroll\_no") %>' />

</td>

<td>

<asp:Label ID="NameLabel" runat="server" Text='<%# Eval("Name") %>' />

</td>

<td>

<asp:Label ID="CourseLabel" runat="server" Text='<%# Eval("Course") %>' />

</td>

<td>

<asp:Label ID="SessionLabel" runat="server" Text='<%# Eval("Session") %>' />

</td>

<td>

<asp:Label ID="SemLabel" runat="server" Text='<%# Eval("Sem") %>' />

</td>

<td>

<asp:Label ID="DateLabel" runat="server" Text='<%# Eval("Date") %>' />

</td>

<td>

<asp:Label ID="TotalFeeLabel" runat="server" Text='<%# Eval("TotalFee") %>' />

</td>

<td>

<asp:Label ID="DepositLabel" runat="server"

Text='<%# Eval("Deposit") %>' />

</td>

<td>

<asp:Label ID="DueLabel" runat="server" Text='<%# Eval("Due") %>' />

</td>

</tr>

</SelectedItemTemplate>

</asp:ListView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

SelectCommand="SELECT \* FROM [fees]"></asp:SqlDataSource>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

&nbsp;</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

</table>

</div>

</asp:Content>

Staff Info

<%@ Page Title="" Language="C#" MasterPageFile="~/admin/adminMasterPage.master" AutoEventWireup="true" CodeFile="staffInfo.aspx.cs" Inherits="admin\_staffInfo" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<h2>

STAFF Details</h2>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<asp:GridView ID="GridView1" runat="server" AllowPaging="True"

AutoGenerateColumns="False" BackColor="White" BorderColor="#999999"

BorderStyle="Solid" BorderWidth="1px" CellPadding="3" DataKeyNames="uname"

DataSourceID="SqlDataSource1" ForeColor="Black" GridLines="Vertical"

Width="500px">

<AlternatingRowStyle BackColor="#CCCCCC" />

<Columns>

<asp:BoundField DataField="uname" HeaderText="User Name" ReadOnly="True"

SortExpression="uname" />

<asp:BoundField DataField="pass" HeaderText="Password" SortExpression="pass" />

<asp:BoundField DataField="fname" HeaderText="fname" SortExpression="fname" />

<asp:BoundField DataField="lname" HeaderText="lname" SortExpression="lname" />

<asp:BoundField DataField="gender" HeaderText="Gender"

SortExpression="gender" />

<asp:BoundField DataField="address" HeaderText="Address"

SortExpression="address" />

<asp:BoundField DataField="email" HeaderText="Email" SortExpression="email" />

<asp:BoundField DataField="contact" HeaderText="Contact"

SortExpression="contact" />

</Columns>

<FooterStyle BackColor="#CCCCCC" />

<HeaderStyle BackColor="Black" Font-Bold="True" ForeColor="White" />

<PagerStyle BackColor="#999999" ForeColor="Black" HorizontalAlign="Center" />

<SelectedRowStyle BackColor="#000099" Font-Bold="True" ForeColor="White" />

<SortedAscendingCellStyle BackColor="#F1F1F1" />

<SortedAscendingHeaderStyle BackColor="#808080" />

<SortedDescendingCellStyle BackColor="#CAC9C9" />

<SortedDescendingHeaderStyle BackColor="#383838" />

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

SelectCommand="SELECT \* FROM [staffRegistration]"></asp:SqlDataSource>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

&nbsp;</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

</table>

</div>

</asp:Content>

Add Attendance.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/staff/staffMasterPage.master" AutoEventWireup="true" CodeFile="addAttendance.aspx.cs" Inherits="staff\_addAttendance" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;">

</td>

<td style="width:500px;">

</td>

<td style="width:25px;">

</td>

</tr>

<tr>

<td style="width:25px;">

</td>

<td style="width:500px;">

<fieldset>

<legend>

<asp:Label ID="Label9" runat="server" Font-Size="X-Large" ForeColor="Red"

Text="Add Attendance"></asp:Label>

</legend>

<table style="width:500px; height: 400px;" border="0" cellpadding="0"

cellspacing="0">

<tr>

<td style="width:200px;text-align:left;">

&nbsp;</td>

<td style="width:50px;text-align:center;">

&nbsp;</td>

<td style="width:200px;text-align:left;">

&nbsp;</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">

&nbsp;

Roll Number</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox7" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">

&nbsp; Student Full Name</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox1" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">

&nbsp; Course</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:DropDownList ID="DropDownList1" runat="server" Width="150px">

<asp:ListItem>Choose Course</asp:ListItem>

<asp:ListItem>BCA</asp:ListItem>

<asp:ListItem>BBA</asp:ListItem>

<asp:ListItem>MCA</asp:ListItem>

<asp:ListItem>MBA</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">

&nbsp; Semester</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox2" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">

&nbsp; Date</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:DropDownList ID="DropDownList4" runat="server">

<asp:ListItem>DD</asp:ListItem>

<asp:ListItem>1</asp:ListItem>

<asp:ListItem>2</asp:ListItem>

<asp:ListItem>3</asp:ListItem>

<asp:ListItem>4</asp:ListItem>

<asp:ListItem>5</asp:ListItem>

<asp:ListItem>6</asp:ListItem>

<asp:ListItem>7</asp:ListItem>

<asp:ListItem>8</asp:ListItem>

<asp:ListItem>9</asp:ListItem>

<asp:ListItem>10</asp:ListItem>

<asp:ListItem>11</asp:ListItem>

<asp:ListItem>12</asp:ListItem>

<asp:ListItem>13</asp:ListItem>

<asp:ListItem>14</asp:ListItem>

<asp:ListItem>15</asp:ListItem>

<asp:ListItem>16</asp:ListItem>

<asp:ListItem>17</asp:ListItem>

<asp:ListItem>18</asp:ListItem>

<asp:ListItem>19</asp:ListItem>

<asp:ListItem>20</asp:ListItem>

<asp:ListItem>21</asp:ListItem>

<asp:ListItem>22</asp:ListItem>

<asp:ListItem>23</asp:ListItem>

<asp:ListItem>24</asp:ListItem>

<asp:ListItem>25</asp:ListItem>

<asp:ListItem>26</asp:ListItem>

<asp:ListItem>27</asp:ListItem>

<asp:ListItem>28</asp:ListItem>

<asp:ListItem>29</asp:ListItem>

<asp:ListItem>30 </asp:ListItem>

<asp:ListItem>31</asp:ListItem>

</asp:DropDownList>

<asp:DropDownList ID="DropDownList5" runat="server">

<asp:ListItem>MM</asp:ListItem>

<asp:ListItem>1</asp:ListItem>

<asp:ListItem>2</asp:ListItem>

<asp:ListItem>3</asp:ListItem>

<asp:ListItem>4</asp:ListItem>

<asp:ListItem>5</asp:ListItem>

<asp:ListItem>6</asp:ListItem>

<asp:ListItem>7</asp:ListItem>

<asp:ListItem>8</asp:ListItem>

<asp:ListItem>9</asp:ListItem>

<asp:ListItem>10</asp:ListItem>

<asp:ListItem>11</asp:ListItem>

<asp:ListItem>12</asp:ListItem>

</asp:DropDownList>

<asp:DropDownList ID="DropDownList6" runat="server">

<asp:ListItem>YYYY</asp:ListItem>

<asp:ListItem>1975</asp:ListItem>

<asp:ListItem>1976</asp:ListItem>

<asp:ListItem>1977</asp:ListItem>

<asp:ListItem>1978</asp:ListItem>

<asp:ListItem>1979</asp:ListItem>

<asp:ListItem>1980</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">

&nbsp; Mark Attendance</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:RadioButtonList ID="RadioButtonList1" runat="server"

RepeatDirection="Horizontal">

<asp:ListItem>Present</asp:ListItem>

<asp:ListItem>Absent</asp:ListItem>

</asp:RadioButtonList>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">

&nbsp;</td>

<td style="width:50px;text-align:center;">

&nbsp;</td>

<td style="width:200px;text-align:left;">

<asp:Button ID="Button1" runat="server" onclick="Button1\_Click" Text="SUBMIT"

Width="120px" />

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="text-align:center;" colspan="4">

<asp:Label ID="msg" runat="server" Font-Size="X-Large"

ForeColor="Red"></asp:Label>

</td>

</tr>

</table>

</fieldset>

</td>

<td style="width:25px;">

</td>

</tr>

<tr>

<td style="width:25px;">

</td>

<td style="width:500px;">

</td>

<td style="width:25px;">

</td>

</tr>

</table>

</div>

</asp:Content>

public partial class staff\_addAttendance : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlCommand cmd = new SqlCommand();

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = DatabaseConnectivity.get\_connection();

cmd.Connection = con;

}

protected void Button1\_Click(object sender, EventArgs e)

{

try

{

con.Open();

cmd.CommandText = "INSERT INTO attendance(roll\_no,Name,Course,Sem,Date,month,year,attendance) values(@roll\_no,@Name,@Course,@Sem,@Date,@month,@year,@attendance)";

cmd.Parameters.AddWithValue(@"roll\_no", TextBox7.Text);

cmd.Parameters.AddWithValue(@"Name", TextBox1.Text);

cmd.Parameters.AddWithValue(@"Course", DropDownList1.SelectedValue);

cmd.Parameters.AddWithValue(@"Sem", TextBox2.Text);

cmd.Parameters.AddWithValue(@"Date", DropDownList4.SelectedValue + "-" + DropDownList5.SelectedValue + "-" + DropDownList6.SelectedValue);

cmd.Parameters.AddWithValue(@"month", DropDownList5.SelectedValue);

cmd.Parameters.AddWithValue(@"year", DropDownList6.SelectedValue);

cmd.Parameters.AddWithValue(@"attendance", RadioButtonList1.SelectedValue);

cmd.ExecuteNonQuery();

msg.Text = "Information successfully inserted";

TextBox1.Text = "";

TextBox2.Text = "";

RadioButtonList1.SelectedValue = null;

DropDownList1.SelectedIndex = 0;

DropDownList4.SelectedIndex = 0;

DropDownList5.SelectedIndex = 0;

DropDownList6.SelectedIndex = 0;

}

catch (Exception ex)

{

msg.Text = "Data Could not be Inserted";

}

finally

{

con.Close();

}

}

}

Add Result.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/staff/staffMasterPage.master" AutoEventWireup="true" CodeFile="addResult.aspx.cs" Inherits="staff\_addResult" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;"></td>

<td style="width:500px;"></td>

<td style="width:25px;"></td>

</tr>

<tr>

<td style="width:25px;">&nbsp;</td>

<td style="width:500px;">

<fieldset>

<legend>

<asp:Label ID="Label9" runat="server" Font-Size="X-Large" ForeColor="Red"

Text="Add Result Details"></asp:Label>

</legend>

<table style="width:500px; height: 400px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:center;">&nbsp;</td>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;Enrollment No&nbsp;</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;Student Full Name&nbsp;</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;Course&nbsp;</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:DropDownList ID="DropDownList1" runat="server" Width="150px">

<asp:ListItem>Choose Course</asp:ListItem>

<asp:ListItem>BCA</asp:ListItem>

<asp:ListItem>BBA</asp:ListItem>

<asp:ListItem>MCA</asp:ListItem>

<asp:ListItem>MBA</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;Semester&nbsp;</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;Result&nbsp;</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:RadioButtonList ID="RadioButtonList1" runat="server"

RepeatDirection="Horizontal">

<asp:ListItem>Passed</asp:ListItem>

<asp:ListItem>Failed</asp:ListItem>

</asp:RadioButtonList>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;Number of back&nbsp;</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:center;">&nbsp;</td>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:center;">&nbsp;</td>

<td style="width:200px;text-align:left;">

<asp:Button ID="Button1" runat="server" onclick="Button1\_Click" Text="SUBMIT"

Width="120px" />

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="text-align:center;" colspan="4">

<asp:Label ID="msg" runat="server" Font-Size="X-Large"

ForeColor="Red"></asp:Label>

</td>

</tr>

</table>

</fieldset>

</td>

<td style="width:25px;">&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">&nbsp;</td>

<td style="width:500px;">&nbsp;</td>

<td style="width:25px;">&nbsp;</td>

</tr>

</table>

</div>

</asp:Content>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

public partial class staff\_addResult : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlCommand cmd = new SqlCommand();

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = DatabaseConnectivity.get\_connection();

cmd.Connection = con;

}

protected void Button1\_Click(object sender, EventArgs e)

{

try

{

con.Open();

cmd.CommandText = "INSERT INTO result(Enroll\_no,Name,Course,Sem,Result,No\_of\_Back) values(@Enroll\_no,@Name,@Course,@Sem,@Result,@No\_of\_Back)";

cmd.Parameters.AddWithValue(@"Enroll\_no", TextBox1.Text);

cmd.Parameters.AddWithValue(@"Name", TextBox2.Text);

cmd.Parameters.AddWithValue(@"Course", DropDownList1.SelectedValue);

cmd.Parameters.AddWithValue(@"Sem", TextBox3.Text);

cmd.Parameters.AddWithValue(@"Result", RadioButtonList1.SelectedValue);

cmd.Parameters.AddWithValue(@"No\_of\_Back", TextBox4.Text);

cmd.ExecuteNonQuery();

msg.Text = "Information successfully inserted";

TextBox1.Text = "";

TextBox2.Text = "";

TextBox3.Text = "";

TextBox4.Text = "";

RadioButtonList1.SelectedValue = null;

DropDownList1.SelectedIndex = 0;

}

catch (Exception ex)

{

msg.Text = "Data Could not be Inserted";

}

finally

{

con.Close();

}

}

}

**Add Student.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/staff/staffMasterPage.master" AutoEventWireup="true" CodeFile="addStudent.aspx.cs" Inherits="staff\_addStudent" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;"></td>

<td style="width:500px;"></td>

<td style="width:25px;"></td>

</tr>

<tr>

<td style="width:25px;"></td>

<td style="width:500px;">

<fieldset>

<legend>

<asp:Label ID="Label9" runat="server" Font-Size="X-Large" ForeColor="Red"

Text="Add Student Details"></asp:Label>

</legend>

<table style="width:500px; height: 400px;" border="0" cellpadding="0"

cellspacing="0">

<tr>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:center;">&nbsp;</td>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Enrollment No</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox7" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Student Full Name</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox1" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Course</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:DropDownList ID="DropDownList1" runat="server" Width="150px">

<asp:ListItem>Choose Course</asp:ListItem>

<asp:ListItem>BCA</asp:ListItem>

<asp:ListItem>BBA</asp:ListItem>

<asp:ListItem>MCA</asp:ListItem>

<asp:ListItem>MBA</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Session</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<table>

<tr>

<td style="width:80px;text-align:left;">

<asp:DropDownList ID="DropDownList2" runat="server" Width="80px">

<asp:ListItem>Start</asp:ListItem>

<asp:ListItem>2009</asp:ListItem>

<asp:ListItem>2010</asp:ListItem>

<asp:ListItem>2011</asp:ListItem>

<asp:ListItem>2012</asp:ListItem>

<asp:ListItem>2013</asp:ListItem>

<asp:ListItem>2014</asp:ListItem>

<asp:ListItem>2015</asp:ListItem>

<asp:ListItem>2016</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width:50px;text-align:center;">&nbsp;To&nbsp;</td>

<td style="width:80px;text-align:left;">

<asp:DropDownList ID="DropDownList3" runat="server" Width="80px">

<asp:ListItem>End</asp:ListItem>

<asp:ListItem>2012</asp:ListItem>

<asp:ListItem>2013</asp:ListItem>

<asp:ListItem>2014</asp:ListItem>

<asp:ListItem>2015</asp:ListItem>

</asp:DropDownList>

</td>

</tr>

</table>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Father Name</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox2" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Address</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox3" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Email id</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox4" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Contact No</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox5" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp; Pincode</td>

<td style="width:50px;text-align:center;">:</td>

<td style="width:200px;text-align:left;">

<asp:TextBox ID="TextBox6" runat="server" Width="150px"></asp:TextBox>

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:left;">&nbsp;</td>

<td style="width:50px;text-align:center;">&nbsp;</td>

<td style="width:200px;text-align:left;">

<asp:Button ID="Button1" runat="server" onclick="Button1\_Click" Text="SUBMIT"

Width="120px" />

</td>

<td style="width:50px;text-align:left;">&nbsp;</td>

</tr>

<tr>

<td style="text-align:center;" colspan="4">

<asp:Label ID="msg" runat="server" Font-Size="X-Large"

ForeColor="Red"></asp:Label>

</td>

</tr>

</table>

</fieldset>

</td>

<td style="width:25px;"></td>

</tr>

<tr>

<td style="width:25px;"></td>

<td style="width:500px;"></td>

<td style="width:25px;"></td>

</tr>

</table>

</div>

</asp:Content>

public partial class staff\_addStudent : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlCommand cmd = new SqlCommand();

protected void Page\_Load(object sender, EventArgs e)

{

con.ConnectionString = DatabaseConnectivity.get\_connection();

cmd.Connection = con;

}

protected void Button1\_Click(object sender, EventArgs e)

{

try

{

con.Open();

cmd.CommandText = "INSERT INTO stuInfo(no,name,course,session,fname,address,email,contact,pin) values(@no,@name,@course,@session,@fname,@address,@email,@contact,@pin)";

cmd.Parameters.AddWithValue(@"no", TextBox7.Text);

cmd.Parameters.AddWithValue(@"name", TextBox1.Text);

cmd.Parameters.AddWithValue(@"course", DropDownList1.SelectedValue);

cmd.Parameters.AddWithValue(@"session", DropDownList2.SelectedValue + "-" + DropDownList3.SelectedValue);

cmd.Parameters.AddWithValue(@"fname", TextBox2.Text);

cmd.Parameters.AddWithValue(@"address", TextBox3.Text);

cmd.Parameters.AddWithValue(@"email", TextBox4.Text);

cmd.Parameters.AddWithValue(@"contact", TextBox5.Text);

cmd.Parameters.AddWithValue(@"pin", TextBox6.Text);

cmd.ExecuteNonQuery();

msg.Text = "Information successfully inserted";

TextBox1.Text = "";

TextBox2.Text = "";

TextBox3.Text = "";

TextBox4.Text = "";

TextBox5.Text = "";

TextBox7.Text = "";

DropDownList1.SelectedIndex = 0;

DropDownList2.SelectedIndex = 0;

DropDownList3.SelectedIndex = 0;

}

catch (Exception ex)

{

msg.Text = "Your Registration was not Successful";

}

finally

{

con.Close();

}

}

}

**Student Attendance.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/Student/stuMasterPage.master" AutoEventWireup="true" CodeFile="attendanceDetails.aspx.cs" Inherits="Student\_attendanceDetails" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<h2>

&nbsp;ATTENDANCE Details</h2>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<br />

<asp:GridView ID="GridView2" runat="server" CellPadding="4" ForeColor="#333333" GridLines="None" Width="498px">

<AlternatingRowStyle BackColor="White" />

<EditRowStyle BackColor="#2461BF" />

<FooterStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />

<HeaderStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />

<PagerStyle BackColor="#2461BF" ForeColor="White" HorizontalAlign="Center" />

<RowStyle BackColor="#EFF3FB" />

<SelectedRowStyle BackColor="#D1DDF1" Font-Bold="True" ForeColor="#333333" />

<SortedAscendingCellStyle BackColor="#F5F7FB" />

<SortedAscendingHeaderStyle BackColor="#6D95E1" />

<SortedDescendingCellStyle BackColor="#E9EBEF" />

<SortedDescendingHeaderStyle BackColor="#4870BE" />

</asp:GridView>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

&nbsp;</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<%--<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

SelectCommand="SELECT \* FROM [attendance] WHERE (([Course] = @Course) AND ([month] = @month) AND ([year] = @year) AND ([Sem] = @Sem))">

<SelectParameters>

<asp:ControlParameter ControlID="DropDownList1" Name="Course"

PropertyName="SelectedValue" Type="String" />

<asp:ControlParameter ControlID="DropDownList5" Name="month"

PropertyName="SelectedValue" Type="String" />

<asp:ControlParameter ControlID="DropDownList6" Name="year"

PropertyName="SelectedValue" Type="String" />

<asp:ControlParameter ControlID="TextBox2" Name="Sem" PropertyName="Text"

Type="String" />

</SelectParameters>

</asp:SqlDataSource>--%>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

&nbsp;</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

</table>

</div>

</asp:Content>

public partial class Student\_attendanceDetails : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

string str=Session["enroll\_no"].ToString();

SqlConnection con = new SqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

con.Open();

SqlDataAdapter ad = new SqlDataAdapter("select \* from attendance where roll\_no='" + str +"' ", con);

DataSet ds = new DataSet();

ad.Fill(ds);

GridView2.DataSource = ds;

GridView2.DataBind();

}

ViewFee.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/Student/stuMasterPage.master" AutoEventWireup="true" CodeFile="viewFee.aspx.cs" Inherits="Student\_viewFee" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div style="width:550px;">

<table style="width:550px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<h2>

&nbsp;FEE Details</h2>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<asp:GridView ID="GridView1" runat="server" Height="72px" Width="497px">

</asp:GridView>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

<table style="width:500px;" border="0" cellpadding="0" cellspacing="0">

<tr>

<td style="width:200px;text-align:right;">

&nbsp;</td>

<td style="width:50px;text-align:center;">

&nbsp;</td>

<td style="width:200px;text-align:left;">

&nbsp;</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

&nbsp;</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

&nbsp;</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

&nbsp;</td>

<td style="width:50px;text-align:center;">

&nbsp;</td>

<td style="width:200px;text-align:left;">

&nbsp;</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

&nbsp;</td>

<td style="width:50px;text-align:center;">

&nbsp;</td>

<td style="width:200px;text-align:left;">

&nbsp;</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="text-align:center;" colspan="4">

<asp:Label ID="msg" runat="server" Font-Size="X-Large"

ForeColor="Red"></asp:Label>

</td>

</tr>

<tr>

<td style="text-align:center;" colspan="4">

<asp:Panel ID="Panel1" runat="server" Width="500px">

<table style="width:500px; background-color: #999999;" border="0"

cellpadding="0" cellspacing="0">

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label3" runat="server" Text="Enrollment Number"></asp:Label>

</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:Label ID="no" runat="server" Text=""></asp:Label>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label4" runat="server" Text="Student Name"></asp:Label>

</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:Label ID="no0" runat="server" Text=""></asp:Label>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label5" runat="server" Text="Course"></asp:Label>

</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:Label ID="no1" runat="server" Text=""></asp:Label>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label9" runat="server" Text="Semester"></asp:Label>

</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:Label ID="no5" runat="server" Text=""></asp:Label>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label6" runat="server" Text="Total Fees"></asp:Label>

</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:Label ID="no2" runat="server" Text=""></asp:Label>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label7" runat="server" Text="Deposited Fees"></asp:Label>

</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:Label ID="no3" runat="server" Text=""></asp:Label>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

<asp:Label ID="Label8" runat="server" Text="Due Fees"></asp:Label>

</td>

<td style="width:50px;text-align:center;">

:</td>

<td style="width:200px;text-align:left;">

<asp:Label ID="no4" runat="server" Text=""></asp:Label>

</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

<tr>

<td style="width:200px;text-align:right;">

&nbsp;</td>

<td style="width:50px;text-align:center;">

&nbsp;</td>

<td style="width:200px;text-align:left;">

&nbsp;</td>

<td style="width:50px;text-align:left;">

&nbsp;</td>

</tr>

</table>

</asp:Panel>

</td>

</tr>

</table>

</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

<tr>

<td style="width:25px;">

&nbsp;</td>

<td style="width:500px;">

&nbsp;</td>

<td style="width:25px;">

&nbsp;</td>

</tr>

</table>

</div>

</asp:Content>

public partial class Student\_viewFee : System.Web.UI.Page

{

SqlConnection con = new SqlConnection();

SqlCommand cmd = new SqlCommand();

DataTable dt = new DataTable();

int c = 0;

protected void Page\_Load(object sender, EventArgs e)

{

string str = Session["enroll\_no"].ToString();

SqlConnection con = new SqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

con.Open();

SqlDataAdapter ad = new SqlDataAdapter("select \* from fees where Enroll\_no='" + str + "' ", con);

DataSet ds = new DataSet();

ad.Fill(ds);

GridView1.DataSource = ds;

GridView1.DataBind();

}

**CHAPTER 5**

**RESULT AND CONCLUSION**

This section discuses the result of work done in this project and also mentions the future scope improvement

**Conclusion**

The software will be developed by implementing the concept of modularity which in turn reduces the complexity involved in maintaining it. The administrator should have a sound technical knowledge about maintaining the software and further enhancements will be undertaken by the developer.

The application is portable which ensure its adaptability for use on different computer terminals with different operating system and standards.

The factors guarantee the software’s availability includes proper termination and correct input details. Also the resources used for the project development are Microsoft certified which speaks of its high quality standards.

Hence we may conclude that the application system being developed helps a great deal in modifying the computerized Online Student Record Management System.

**Future Scope of Improvement**

"Nothing is perfect"-and so it is with the project also. There is always room for improving in any software, howsoever efficient it may be. But the important thing is that the system should be flexible enough to allow future modification/alteration whenever and by whomsoever. It may be. Keeping this important factor in consideration, the system is designed in such a way so as to allow easy understanding and change by anybody.

**REFERENCES**

**BIBLOGRAPHY:-**

Designing and implementation phase: -

1. Software engineering: a practitioners approach by roger s pressman.
2. System analysis and design by Elias m. Ewad.
3. DBMS : Bipin C Desai

**Coding phase: -**

1. Asp.Net6.0 programming Black Book by Steven Holzner
2. Mastering Asp.Net6.0 by Evangelos Petroutsos

Referenced Sites:

[www.msdn.microsoft.com](http://www.msdn.microsoft.com)

[www.microsoft.com](http://www.microsoft.com)