1. **Visitor Management System**

The main aim of developing this **VMS** .Net project is to provide all details to building a system for Visitors to College/Company. This project includes

**Ø  Capturing the Visitor details**

§  All the predefined details in the provided form needs to be filled

§  Capturing the photo.

§  Sending mails to per whom he/she wants to meet.

**Ø  Creating visitor card**

§  All captured details are stored in the system.

§  A visitor card will be created with the help of printing machine.

Ø  **Managing History**

§  Generating Visiting card unique id like email/mobile no  If parson already visited using once.

1. **College Hearts**

The Main aim of this project is to provide a solution for student/staffs inside college. If any staff/student needs emergency blood a broadcast will be sent to all staffs and student. This project includes.

Ø  Creating record

§  Storing details of each staff and student

§  Capturing photo

Ø  Mail Template management

§  Creating dynamic mail templates

Ø  Mail broadcasting

1. **Content Rating System**

Content Rating System is a web application which provides a facility to the users to search and download best articles on the system. The article can be any text content which can describe a product, a book, an institution, an application, a company or anything. This system consists of two set of users, one is the normal user and another is the administrator. The users have to register and login to the system first, in order to use the system. The users have the following privileges.

oWrite Article and Upload Relevant Files

o Post Related URL to each article for other users reference

oSearch and Read Article posted by other users

o Rate the articles posted by other users

The articles which are written by any user are sent to the Administrator for Approval. After approval of the articles by the administrator, they are available for the users to search and download.  
Based on the Description provided in an article, it can be searched by any registered user on the system. The user can see the article, download a file if available and the user can rate the article based on the article. Rating can be given in terms of 1 Star to 5 Star

The users can search the article. The list of articles displayed can be sorted based on following parameters  
o Rating

o Popularity (Number of Clicks on the Article)

o Relevance (Based on number of matching keywords provided)

o All Articles uploaded by a specific user.

1. **Professional learning in education (Advanced E-Learning)**

Advanced E-Learning Portal Consists of 3 Set of Users

1. Staff

* Staff Registration, Login
* Staff Clear Student doubts
* Staff Upload Articles
* Staff Add Tests

Student

* Student Registration, Login
* Student Ask Doubts
* Student Download Articles
* Student Rate Staffs based on Doubt Solutions Given
* Student Take Examinations

Admin

* View Student Details
* Approve Staffs
* View Uploads
* View Downloads
* View Doubts
* View Report (Best Staff, Best Student, etc)

1. **Advanced Intranet Mail**

Mail Client is similar to our e-mail services that we are using today. In this project there are two types of users. They are user and Admin. User is any normal person who can register an account and then login to the account. The user is allowed to perform the following actions.

1. Receive Mail from any other user

2. Send Mail to any other user with attachment facility

3. Add other user information to the list of contacts

4. Save the Mail as draft

5. Delete mails to Trash Folder and if needed delete the mails permanently

6. Group mails to separate folders

7. Check the sent mails in Sent Mail link

8. Send feedback to the Admin an additional service is to be added, which does not exist in current system is Scheduled Mail.

The user can set the Date and Time for the mails to be sent. This is very much useful in some situations like Birthday Wishes, Anniversary Wishes., etc. Admin is a fully authorized person who is allowed to perform some special operations such as.

1. View all the Login and Logout History of every user (Time of Login and Logout)

2. Read the feedbacks sent by any user

3. Take a report of all registered users on the system categorized by Date.

1. **Audio Steganography**

This Project Titled “Data Hiding in Audio files” is the software developed for hiding information which uses the technology called as Stenography which is the art of hiding information in ways that prevent its detection.. A message in cipher text may arouse suspicion while an invisible message is not. The conventional way of protecting information was to use a standard symmetric or asymmetric key system in encryption. Stenography can also be used to place a hidden “trademark” in images, music, and software, a technique referred to as watermarking.

Stenography, if however used along with cryptography then the message will become quite secure as far as cryptanalytic attacks are concerned. Now, if this cipher text is embedded in an image, video, voice, etc., it is even more secure. If an encrypted message is intercepted, the interceptor knows the text is an encrypted message. With Stenography, the interceptor may know the object contains a message.

When performing data hiding on audio, one must exploit the weakness of the Human Auditory System (HAS), while at the same time being aware of the extreme sensitivity of the human auditory system. First the audio file which behaves as carrier file is selected. Then a message or a text file to be embedded in audio is selected. Then a key file is selected. The key file contains characters whose ASCII values are taken for encryption. Then the file is embedded in audio using low bit encoding mechanism and extraction of embedded message is being done vice-versa.

1. **Bus Ticket Reservation**

In bus reservation system there has been a collection of buses, agent who are booking tickets for customer’s journey which give bus number and departure time of the bus. According to its name it manages the details of all agent, tickets, rental details, and timing details and so on. It also manages the updating of the objects.

In the tour detail there is information about bus, who has been taking customers at their destination, it also contain the detailed information about the customer, who has been taken from which bus and at what are the number of members he or she is taking his/her journey.

This section also contain the details of booking time of the seat(s) or collecting time of the tickets, this section also contain the booking date and the name of agent which is optional, by which the customer can reserve the seats for his journey

In Bus no category it contains the details of buses which are old/new. New buses are added with the details with bus no, from city to the city, type of the bus, rent of a single seat, if the bus has sleeper than the cost of sleeper, if the cabin has the facility for sitting than the cost of cabin seats, tour timings of the new bus has also been stored. How many buses are currently given and available in office?In seats specification it gives the list of given issued and currently available seats and contain the information about seats like sleeper, cabin etc.

The main objective of this project to provide the better work efficiency, security, accuracy, reliability, feasibility. The error occurred could be reduced to nil and working conditions can be improved.

1. **Cab Registration Service**

When it comes to cab rental services, Cool Service is the most trusted and reliable name in the travel business. The most advanced travel agents offering cab rental and car hire in India, making full use of information technology to improve the level of our efficiency. However, this is only one aspect of services. And this project continually strive to offer the best of services - both in terms of man and machine, to our clientsMoreover, this project has a fleet of cars ranging from luxury to budget cabs. While, it offers online cab hire service for corporate houses. And this project claim to offer the best of rates, which are tailor-made depending upon the facilities, availed and offer both intercity and intra-city cab facilities. All cabs have proper permits and documentation so that the clients couldn't be hassled for the lack of documents. However, this project has strategic backup system for any eventuality. Cab drivers are educated, polite, and reliable and are trained to handle acute breakdowns. The cab service includes all categories of cars from luxury to budget.

Further, this project’s utmost priority is quality. To achieve this, vehicles are well maintained and tested for delivering optimum and uninterrupted performance. Team of professionals in the travel business enables this system to design trips that suits to all budgets and preferences of the travelers. In addition, workforce including drivers and administrative staff are well trained to discharge their duties with a lot of efficiency.

1. **Campus Recruitment System**

**Student**can create an account which will be approved by the Administrator. Student can login to the system, to check his marks. Student could see the list of companies that would come for recruitment for the current year. Student can check his/her eligibility to attend each company and can apply for each and every company. Eligibility Criteria is a student already placed in one company cannot apply/attend for other companies.

**Recruiter** can create an account which will be approved by the Administrator. While creating an account, the recruiter must specify the basic details of the company. The recruiter can login to the system and can post for Job Opportunities. Job factors such as Job Title, Salary, Skills needed will be added for each and every job opportunity by the recruiter. A Company can post as many job opportunities, but the lastly added job will be active for the student. These job offers are sent to the students as Job Offers.

Once student applies for a job, the requests will be sent to the Recruiter Queue. The recruiter could be able to see each students profile and the marks of each student. After interview, the recruiter could select / reject a candidate.

**Administrator** can login to the system and could approve / reject a student or a company. Admin has the privilege to add/update marks of each student. Admin could see the report of placed students, company details, department-wise placement details, etc. Admin can also post this information to the website. The information posted by the admin will be sent to the homepage of the website, and any one without login could see the details.

1. **Crime Record Management System**

The proposed system applies to all Police stations across the country and specifically looks into the subject of Crime Records Management. It is well understood that Crime Prevention, Detection and Conviction of criminals depend on a highly responsive backbone of Information Management. The efficiency of the police function and the effectiveness with which it tackles crime depend on what quality of information it can derive from its existing records and how fast it can have access to it.

It is proposed to centralize Information Management in Crime for the purposes of fast and efficient sharing of critical information across all Police Stations across the territory. Initially, the system will be implemented across Cities and Towns and later on, be interlinked so that a Police detective can access information across all records in the state thus helping speedy and successful completion to cases. The System would also be used to generate information for pro-active and preventive measures for fighting crime.

The project has been planned to be having the view of distributed architecture, with centralized storage of the database. The application for the storage of the data has been planned. Using the constructs of SQL server and all the user interfaces have been designed using the DOT Net technologies. The standards of security and data protective mechanism have been given a big choice for proper usage. The application takes care of different modules and their associated reports, which are produced as per the applicable strategies and standards that are put forwarded by the administrative staff.

1. **Customer Query Tracker**

This project is mainly used to track the queries of the customers in the organization and resolve the queries. This Project also sends the services to the customer to find out the customer satisfaction and employee performance. The system has a major problem in finding the product support and service activities that are undertaken by the employees. Once the products have installed at the client’s site, the cycle of warranty maintenance starts. To keep the customers in a proper chain of satisfaction the system needs the data to be organized in a proper relational way. The project is to maintain the relational communication among the project is to maintain this relational communication among the data, such that consistency, reliability and integrity can be achieved. The major technicality within the system lies in managing the coordination among the sales and service departments, which is the major hold upon the system to gain or achieve profits. This project is been divided into two modules. These are:

1. Customer’s Module

2. Employee’s Module

**Customer’s Module:**

The Customer’s Module is designed to provide the following services.

a) Posting a Query:

Customers should be free to post their queries to the concern department. The system must identify each query with an automatically generated Query Id, for future references. Survey Details: Customers should be able to post the survey details on a department by simply selecting the department and post the survey details to the organization. In survey details service the system provides the rate of satisfaction of the customer on a particular employee.

The rate of satisfaction can be known by giving ratings to the employee. Status   
Customers should be allowed to check the status of their query, by using the unique Query Id provided by the system. The system must display the answers along with the Query to the customer, after posting the query. Employee’s Module: In this Employee’s Module we have two services, which are

* 1. Posted Queries:

The employees should be able to see the posted queries, which are posted by the customers.   
An employee can visit the queries posted to that department only. The employee should post back the solution to the queries he has received. An employee cannot only see his rating but also rating of other employees who are working in other departments. Survey: The employees should be able to see the survey details posted by the customers. He can able to see the survey details of all the departments. This system should also provide registration of new customers for the organization.The customers should be able to see the frequently asked question asked by the customers. A password protection with secure mode option is provided to guard from un-authorized access to database.

1. **Defect Tracking System (Bug Tracker)**

This project is aimed at developing an online defect tracking system useful for applications developed in an organization. The Defect Tracking System (DTS) is a web based application that can be accessed throughout the organization. This system can be used for logging defects against an application/module, assigning defects to individuals and tracking the defects to resolution. There are features like email notifications, user maintenance, user access control, report generators etc in this system.

1. **Digital Image Tracing By Sequential Water Mark**

The possibility of adding several watermarks to the same image would enable many interesting applications such as multimedia document tracing, data usage monitoring, and multiple property management. In this paper, we present a novel watermarking scheme, which allows inserting and reliably detecting multiple watermarks sequentially embedded into a digital image. The proposed method, based on elementary linear algebra, is asymmetric, secure under projection attack and robust against distortion due to basic operations such as storage, transmission, and format conversion.

Digital watermarking is a process for modifying physical or electronic media to embed a machine-readable code into the media. The media may be modified such that the embedded code is imperceptible or nearly imperceptible to the user, yet may be detected through an automated detection process. Most commonly, digital watermarking is applied to media signals such as images, audio signals, and video signals. However, it may also be applied to other types of media objects, including documents (e.g., through line, word or character shifting), software, multi-dimensional graphics models, and surface textures of objects.

Digital watermarking systems typically have two primary components: an encoder that embeds the watermark in a host media signal, and a decoder that detects and reads the embedded watermark from a signal suspected of containing a watermark (a suspect signal). The encoder embeds a watermark by altering the host media signal. The reading component analyzes a suspect signal to detect whether a watermark is present. In applications where the watermark encodes information, the reader extracts this information from the detected watermark.

1. **E-Dictionary**

This project Data Mining and Data Warehousing Dictionary is an electronic form of the dictionary containing only Data Mining and Data Warehousing terms with a lot of exciting features. Users of the website are given a lot of easy ways to access the terms in the Database easily. It provides a level of security that the users cannot modify the definitions in the website. This project is developed as a website where the user can get all the terms related to Data Mining and Data Warehousing. This project is developed in a user friendly manner where the user can interact directly with the administrator in requesting the newer terms which are not already added to the dictionary. In this project, the users can get the detailed definitions of Data Mining and Data Warehousing terms in an ease manner. Authorized persons named administrators can only add terms and definitions to this website, thereby providing an additional level of security to the website. Related URL is also added as an optional field for the terms, where the administrators can add the website which consists of details about the term.

1. **E-Mail Client**

Mail Client is similar to our e-mail services that we are using today. In this project there are two types of users. They are user and Admin. User is any normal person who can register an account and then login to the account.

The user is allowed to perform the following actions.

* Receive Mail from any other user
* Send Mail to any other user with attachment facility
* Add other user information to the list of contacts
* Save the Mail as draft
* Delete mails to Trash Folder and if needed delete the mails permanently
* Group mails to separate folders
* Check the sent mails in Sent Mail link
* Send feedback to the Admin

An additional service is to be added, which does not exist in current system is Scheduled Mail. The user can set the Date and Time for the mails to be sent. This is very much useful in some situations like Birthday Wishes, Anniversary Wishes., etc.

Admin is a fully authorized person who is allowed to perform some special operations such as.

* View all the Login and Logout History of every user (Time of Login and Logout)
* Read the feedbacks sent by any user
* Take a report of all registered users on the system categorized by Date.

1. **Evaluating Student Performance using K-Means**

In India ranking of students is mainly done on basis of marks obtained in exams. Most of the Indian universities follow the common pattern of grouping the students in the category of pass with distinction for students scoring 75% and above, first division for students scoring from 60% to 74.9%, second division for students scoring from 50% to 59.9%, third division having the range from 40% to 49.9%.Many Universities set a minimum set of marks that should be maintained in order to continue in the degree program. In some University, the minimum requirement set for the students is 40% while in other cases it may be 33%. Therefore, marks obtained in examination is still remains the most common factor used by the academic planners to evaluate progression in an academic environment. With traditional approach of grouping students based on their average scores, it is difficult to obtain a comprehensive view of the state of the students’ performance and simultaneously discover important details from their time to time performance

In this paper, a simple methodology based on k-means clustering algorithm and deterministic model is being used to evaluate the performance of students in higher institutions. This methodology will assist the academic planners to monitor student’s performance during each semester. Hence this model will play important role for academic planners to determine the reasons for decline in performance of students during particular semester and steps that need to be taken to improve performance from next academic session

1. **Face Recognition System**

Automatic face identification of characters in movies has drawn significant research interests and led to many interesting applications. It is a challenging problem due to the huge variation in the appearance of each character. Although existing methods demonstrate promising results in clean environment, the performances are limited in complex movie scenes due to the noises generated during the face tracking and face clustering process. In this paper we present two schemes of global face-name matching based framework for robust character identification. The contributions of this work include: Complex character changes are handled by simultaneously graph partition and graph matching. Beyond existing character identification approaches, we further perform an in-depth sensitivity analysis by introducing two types of simulated noises. The proposed schemes demonstrate state-of-the-art performance on movie character identification in various genres of movies.

1. **Graphical Password Authentication System**

In this project, a graphical password system with a supportive sound signature to increase the remembrance of the password is discussed. In proposed work a click-based graphical password scheme called Cued Click Points (CCP) is presented. In this system a password consists of sequence of some images in which user can select one click-point per image. In addition user is asked to select a sound signature corresponding to each click point this sound signature will be used to help the user in recalling the click point on an image. System showed very good Performance in terms of speed, accuracy, and ease of use. Users preferred CCP to Pass Points, saying that selecting and remembering only one point per image was easier and sound signature helps considerably in recalling the click points.

1. **Grievance Handling System**

Employees can raise a new Grievance or can view the list of Grievances already raised by him/her. He can raise grievance by finding the name of employee by various options provided I the application and can confirm the employee details before raising a grievance against him/her.  
Grievance could be raised against three types of employees such as Hospitality, Management, and General Employee. Among the possible Grievances Available, a grievance can be chosen and before raising a grievance, the punishment for the grievance can also be verified.  
If any Grievance is raised against him/her, he can see them in this section. An employee can get to know the status of the Grievance or Complaints rose. A grievance can be closed or rejected. Employee can also provide a feedback to the admin. Employee can change his password.  
Admin is allowed to perform a few operations such as viewing the Grievances raised. He can filter the list by Open / Closed / Rejected Grievances. Admin can Close a grievance or Reject a Grievance. If the status of Grievance is changed, the concerned employees will get a notification in their mail.

1. **Life Saver**

Life saver system is a web application developed for blood donations. This consists of two set of users, Administrators and Blood Donors. Administrator login is created for chief doctors in major hospitals which run this web application. Blood Donors who are willing to donate blood have to register in the system. While registering the donors are requested to give the details such as Blood Group, Available days when the user can donate blood, Location, etc.

When blood is needed for a person, then the corresponding administrator should add the details of the patient such as, Patient name, Blood group, Location of the hospital, etc. The system will automatically analyze the list of donors who can donate blood for a particular patient. Then the system compares the location of the person and the hospital where the patient is admitted. Then the system compares the day of blood needed and the day’s availability of the donor. Finally for the qualified donors E-MAIL will be sent to the Mail and a mail will be dispatched to the donor login page of the system. If the donor is interested in donating blood then he can login to the system to see the full details.

Several donors may be interested in donating blood and it may create confusions. So, once a donor reaches a hospital for blood donation. It should be updated in the system. Then the system will automatically send E-MAIL to all the remaining donors that their need is fulfilled.

1. **Multi Bank Management System**

The Multi Banking System Interface is targeted to the future banking solution for the users who is having multiple bank accounts in multiple banks. This interface integrates all existing banks and provides business solutions for both retail and corporate.

Multi-bank system is an innovative ASP.Net web application. The main focus of the application is maintaining multiple bank accounts an user has. A person can have bank account in any number of banks. But it’s hard to remember every bank logins. So we have developed a web application where a person can handle all his bank accounts in a secure manner.

We have three set of users for this application. They are Customer, Branch Manager and Admin.

**1)Admin can login to the system and perform the following operations.**

**Add Banks**

**Add Branches**

**Map Bank and Branches**

**Approve Branch Managers**

After a bank and branch are added, Branch Managers could register themselves according to the mapping table and the admin can approve those registrations.

**Approve Customers**

After a branch manager is approved, customers are allowed to register for that bank. Such registrations could be approved by the corresponding branch manager or the administrator. After approval, customers can add any number of bank accounts. These accounts could be approved by corresponding branch managers or the administrator.

**Approve Fund Transfers**

Customers can transfer funds within their accounts or other accounts in any other bank. Such fund transfers must be approved by their base branch manager or the administrator.

**2)Branch Managers could login to the system and perform the following operations**

**View Profile**

Branch Managers could see their profile upon logging into the system.

**Approve Customers:**

Branch Managers must approve customers registering for their banks. If a customer adds a bank account, for a particular branch, then the manager must approve the account. Admin can also approve the customers.

**Approve Fund Transfer:**

Branch Managers must approve each and every fund transfer sent from their base branch. This can also be approved by the Administrator.

**Reports:**  
Branch Manager could see the list of all funds transferred from his base branch.

**3)Customers could login to the system and perform the following operations**

**View Profile:**

Customers could see their profile information once logged in to the system.  
**Add Bank Accounts:**

Customers could see the list of approved bank accounts and can add any new bank account. This will be sent to the branch manager and the admin for approval.

**Transfer Funds:**

Customers could transfer funds within their accounts or to another customer account. Such transfers should be approved by the Branch Manager of the sender account or the Administrator

1. **Online Auction(E-Bidding)**

Online auction is web based auction software designed for the auction business (ex. ubid.com). Only the administrator can add products. Registered users are allowed only to bid on the products. Customers will have to register themselves and will get a permanent user id and password, by using this user id and password he can login and they can bid for a product. This system can also handle multiple categories and products at one time i.e. the user can access various products which are for sale. Apart from this the user can see the details of the products related information provided with the auction product.

1. **Online Book Sales**

Book Sales Project Consists of two set of users  
1. User

* User can browse books categorizied as Science, Cooking, Fiction, Computer etc.
* Before purchase the user will be prompted to create an account
* User can order any number of books based on the availability
* System will alert if the number of books are not available.
* System will prompt for card number for purchase

2. Admin

* Admin can add new books
* Update cost of a book
* Add/Update No. Of Copies of books Available
* View the users who have submitted request for books purchase

1. **Online Shopping**

The Online Shopping Centre (OSC) application enables vendors to set up online shops, customers to browse through the shops, and a system administrator to approve and reject requests for new shops and maintain lists of shop categories.

Also on the agenda is designing an online shopping site to manage the items in the shop and also help customers purchase them online without having to visit the shop physically.  
Our online shopping center will use the internet as the sole method for selling goods to its consumers. The consumer will be in complete control of his/her shopping experience by using the “unique storefront” concept. Shopping will be highly personalized and the shopping center will provide lower prices than most competitors. This, in brief, is a description of our product which will showcase a complete shopping experience in a small package.

Today the internet and its boom have created a new economic scenario that not only stresses on the classical concept of the “product” but also on the modern concept of “service”. It is this level of service that dictates whether a commercial venture will succeed or not in the market. To provide a high accessibility of service we will design the online shopping website, so that potential customers need not go to a physical shop to buy products or services. They just need to be online to complete their purchases. Unlike the prevailing “brick and mortar” shops which have physical existence, we will operate solely from cyberspace.

Most current systems have a physical foundation that is the root cause to quite a number of problems. By maintaining multiple store fronts, itself being an expensive proposition, store prices are forced to rise. Thus, by using our product, our clients’ competitors are at a disadvantage because their costs are significantly higher than our costs, allowing our clients to sell the same goods at a lower price. As people become more accustomed to using the internet, they view ordering products and services online as a time-saving and cost-saving experience, which is the very essence of our online shopping system.

This project envisages bridging the gap between the seller, the retailer and the customer. A very high flexibility is being maintained in the design process so that this project can take the following path:-

A multiple merchant venue with each merchant having his/her own window which the customer can visit to browse and subsequently buy the products fromMaintaining the deliverable goods as well as services through single or multiple windows is also on the agenda.

1. **Publishing Search Logs A comparative Study of Privacy Guarantees**

Search engine companies collect the “database of intentions,” the histories of their users’ search queries. These search logs are a gold mine for researchers. Search engine companies, however, are wary of publishing search logs in order not to disclose sensitive information. In this paper we analyze algorithms for publishing frequent keywords, queries and clicks of a search log. We first show how methods that achieve variants of k-anonymity are vulnerable to active attacks. We then demonstrate that the stronger guarantee ensured by epsilon-differential privacy unfortunately does not provide any utility for this problem. We then propose a novel algorithm ZEALOUS and show how to set its parameters to achieve (epsilon, delta)-probabilistic privacy. We also contrast our analysis of ZEALOUS with an analysis by Korolova et al. that achieves (epsilon’, delta’)-in distinguishability. Our paper concludes with a large experimental study using real applications where we compare ZEALOUS and previous work that achieves k-anonymity in search log publishing. Our results show that ZEALOUS yields comparable utility to k-anonymity while at the same time achieving much stronger privacy guarantees.

1. **Student Intimation System**

This Project “Student Intimation System” deals with development of education services based on EMail. Here the student is intimated about any information /notification through Mail. He can also know his test scores, enrollment information etc. by this service.

The School or College or any educational organization has a lot of valuable information which can be provided to the students, such as release of results/Test-Scores, Enrollment information, University notifications, Internship opportunity and Parent alerts etc. by sending an SMS. This reduces the manual work to much extent. Here Mail can be sent to a group of students or a single student. The system is capable of choosing either Student or Parent for receiving the SMS. Administrator is only allowed to use the service.

In this project, the system is constrained to be useful for the following services:

* + - * + Campus Interview Notification
        + Attendance Notification
        + Blood Donation Notification
        + Class Order Details Notification
        + NCC Offers

This system can be extended in future to include other related services also.

1. **Video Zone**

In the proposed system, we are developing a website known as video zone, for hosting different videos and also to provide interface between the users of the website, that is between the artists and listener. The only authenticated and authorized users are allowed to access and use our website, and the videos that are accepted by admin can only be available in our website and the videos that are not accepted by admin will not be available in our application once they are rejected by admin.

Another important advantage of using or developing the proposed system is that use of file stream concept in our application. That is in the existing system if we want to play videos , it should be first converted from bits and bytes to video format than will be played which takes considerably more time when bandwidth is low or internet speed is low. This has been overcome in our application, wherein will use file stream which reads the data directly that is bits and bytes as in the form of video. That means no need of converting bits and bytes to video format as file stream will read bits and bytes directly as videos so no buffering is required and time will be used less to read the video.

**Modules:**

This application consists of three modules namely admin, listener and artists. Admin will control our application and can accept or rejects the videos which have been added by the artists. If admin accepts the videos added by the artists than this videos will be added to the zone otherwise those videos which have been rejected by admin won’t be available in our video zone. On the other hand artist will add the videos in this application, along with the song name, if his/her videos been accepted, than it will be included in our video zone website otherwise not. The third module of our project is user or listener or viewer module, which registered and will use the facilities of our website. User can view the videos, can create his own playlist.

1. **Virtual Reality Desktop**

Most users often have many Windows open at once, and so often will use a Virtual Reality Desktop to help organize their Windows. This helps us **to create and switch between different desktops**. It even gives you an illusion of**switching the application from one desktop to another**. But, it's just an illusion. The application will be closed in the current desktop and will be launched on the specified desktop.

This Virtual Reality Desktop lets you organize applications over several virtual desktops (also called 'workspaces'). User is presented with options and menu for switching between desktops. This application is using hooks to display ‘Move To’ menu options in system tray.

**Modules / Functionalities:**

In this project we have 3 functionalities:

1. Configuration
2. Windows Hooks
3. Widows Recovery

***Configuration:*** In this we can configure the no.of virtual desktops need to display. And also can configure the buttons layout.

***Windows Hooks:*** Windows Hooks is a mechanism used to minimize any application to the system tray. Hooks is a mechanism provided by Microsoft with which one can intercept events before they reach an application. We can tray/ untray the selected application into the system tray using windows hooks.

***Windows Recovery:*** Using windows recovery, user can recover the windows when windows did not shut down correctly last time.

1. **Davangere University Indent Portal**

On execution at the front-end we are liable to access any of the following details College details, Examination Material details, Indent details. Our application also helps the college staff and students to search for examination details.

Different authentication levels are admin, college Staff and user. Here admin has given all the rights to access on the form. The college staff is selected to only details and indents of their college. User can collect the updated information of examination details such as time table.

1. **Online Library**

The project titled Online Library Management System is Library management software for monitoring and controlling the transactions in a library .The project “Online Library Management System” is developed in ASP.NET 2008, which mainly focuses on basic operations in a library like adding new member, new books, and updating new information, searching books and members and facility to borrow and return books.

This project is aimed at developing an online Library Management System for the college library. This is an Intranet based application that can be accessed throughout the campus.

1. **Online Movie Poprtal**

Online Movie Ticket Booking System is use full for both promoters and customers equally. Customers can buy the movie tickets online at any instance of 24 hours a day. And this is a web based application therefore they can buy the ticket from anywhere around the world. Customers can use this website to know about current movies, upcoming movies, show timings and locations. Customers can buy their tickets without wasting their time. Theater owners can inform to customers about new release.

1. **Online Jewellery Shop**

The Project entitled Online Jewellery Shopping for Jewellery Shopis a web application developed for a jewel shop to promote the traditional shopping into Internet shopping. Online Jewellery Shopping project is to automate all the details of the jewellery job. Online Jewellery Shopping is a web portal designed by keeping the needs of both jewellery shop owners and customers. Jewellery shop owner can push their shop information and their ornaments details through internet. Customers can select ornaments from list and can place online orders for purchasing.

1. **Online Pet Store**

 The main objective of the project is to create an online pet store that allows users to search and purchase pets and pet products on categories through online. The selected pets or pet products are displayed in a tabular format and the user can order their pets and pet products through online. Using this Website the user can purchase pets and pet products through online instead of going out to a pet store and wasting time. Online pet store is a web application where the customer can purchase pets and pet products through online. Online Pet Store project gives the user the ability to compare products and prices without the hassle of a traditional store. Everything you need is all on one screen.

1. **Advocate Web Site**

Online Advocate Case Management is affordable, intuitive and powerful advocate case management software designed for the modern advocate offices. Give your firm the advantage of a complete solution - get organized with client’s information, cases, time tracking, and billing. Online Advocate Case Management is the only software that also includes an integrated client portal so everyone stays informed and connected. It is about the advocates office maintenance like nature of the case, details of clients, date of case filing, applications and what the kind of applications are, provisions, order of the case, updating the next hearing dates, evidence, arguments, final judgment, details of opponents both the opponent and the opposite advocate.

1. **Project TimeTracking System**

Project and Time Tracking System (PTTS) is a web application that provides an automated and centralized method of tracking and monitoring work time for active projects by enabling supervisors to track employees work time, efforts spent while working on various projects performing tasks assigned to them. This system helps in completing projects on-time and on-budget by providing real-time project status. In addition, it optimizes resources utilization and measure the performance and productivity. One important advantage of the system over others is that each employee can log into his account to update their working period. Employees and Supervisors have different privileges according to their roles.

1. **Real Estate Portal(Property Listing Portal)**

Property Listing Portalis a unique virtual platform that allows any user to post a property related advertisement on the Internet without incurring costly advertisement fees. User-friendliness, reliable service together with maximum and continuous exposure is the qualities that Property Listing stands for. We believe that whether you are searching or selling your property online, a pleasant and hassle free experience is of utmost importance. Being available 24 hours a day, 7 days a week and equipped with a list of essential tools and information Property Listing Portal offers a one-stop property search for your ideal property. Searching for a property is made easier with our property search engine. In this project, we provide one stop property search for both residential and commercial properties. It saves your time by narrowing down your search for buyers, tenants or investors. Property Listing Portal offers a one-stop property search for interested buyers, tenants or investors. We are dedicated to make search fast and easy.

1. **Tourism Guide**

The website has lot of information too for the convenience of the tourist, which shows the various cities and places along with the complete details, and images of the tourist places. The details also include the distance of the tourist place from major cities and the how to reach and places. The accommodation details and city guide details are also available in this online service. The administration has to manage the travels details, users and agents and its updation.

1. **Air Line Ticket Booking**

Online Air Ticket Booking System contains the details about flight schedules and its fare tariffs, passenger reservations and ticket records. An airline’s inventory contains all flights information. The inventory of an airline service is generally divided into three category of classes (e.g. First, Business or Economy class) and each category is having seats for bookings, along with prices and booking conditions.

The objective of the project is to design an Airline Ticket Booking System application which enables the customers to search and book flight.

1. **Placement Cell**

The main aim of the project is to develop the complete soft solution to provide the facility to automate and simplify the process of registration and list generation of eligible students for placement. The main aim of this project is to provide facility to Training and Placement Officers to do all their Work Regarding Placement like Collecting Student Records, Registering the Suitable Students, to check the number and percentage of placed & unplaced students, and important announcements to other departments. The whole work is automated as well as on internet.  By introducing this project to the end, user can work efficiently.The key feature of this project is that it is a onetime registration. Our project provides the facility of maintaining the details of the students. It also provides a requested list of candidates to recruit the students based on given query. Administrator logging in may also search any information put up by the students.

1. **Flower Decorator Shop**

Our project entitled “Flower DECORATOR WEBSITE” mainly deals with pushing Bloom flower Decoration shop information through online. In our project we have tried to give a complete Boom flower shop in online. So it avoids the user to visit the Bloom Flower Shop to collect the information such as Decoration types and its prices. Provided by the college. Our Website helps the user to save precious time. It also helps the Bloom Flower shop to improve their business

1. **Online Computer Shoppe**

Our project entitled as “Online Computer Shoppe” is a web application mainly deals with the activities which are carried out at the time of shopping of Computer Components from home. Online Computer shopping website is mainly developed to buying home Computer components such as desktop, laptops, printers, Furniture’s and Accessories.

1. **Tours and Travels Report**

Karnataka Tours and Travels Portal all the information of tour packages of Karnataka state. User getting all the information of vehicles for rent. User is also facilitates with enquiry page to interact with admin. Our project is developing in close co-ordination with experts. The goal of this project is to design a knowledge based information system that can be used by Tours and travels organizations, both, to manage their resources and to promote them on web portal. Our project helps the tourism business. It is easy for tourist to collect the information of packages. It is designed to fulfill all the needs of Karnataka tourist and travelers.

1. **Unicoded Ultra Snoozer**

Waking up on time in the morning should never be an issue again with the incredibly reliable, feature rich Unicoded Ultra Snoozer, the very best Alarm Clock onWindows 7 Operating System. Unicoded Ultra Snoozer is the best looking Alarm Clock available, an absolute feast for the eyes...but don't be fooled by the candy coated exterior, this alarm clock has serious functionality under the hood, as the alarm clock itself is only the beginning of many alarm setting options that the user has.

1. **Enqiury and Booking of Choultry**

**Enquiry and Booking of Choultry Portal** is a website**. Enquiry and Booking of Choultry Portal** is the carries process in which a customer can enquiry and book the choultries by using internet. **Enquiry and Booking of Choultry Portal** is measurable, cost effective ad has very good user interface.

1. **Online Bakery**

Through Online Bakery application customers can order bakery products at any point of the day. This has given the customers a larger time framework to work with and has helped the bakeries to increase their sales many times. This application is the ease of use. All you need to know is a one-website address and then you can search for bakery items. This saves them a lot of money in advertising, setting up and maintaining the web application.

1. **Academic Project tracker**

The software Project Status Tracker was developed to automate the project lab details of the Computer Lab. This includes information about all students and computer science Projects of the computer lab. This system gives a generalize, concise and accurate information regarding project details, project work status etc.. This system provides any type of enquiry such as project details and project status details. Many educational institutes use this type of software to manage the vast **information** of their previous and current computer projects.

This project has three authorized lecturers, admin and project group students. Admin has all the rights and he can maintain all the information of projects. But individual project batch can update only their project status. Lecturers can maintain the status of their assigned projects.

1. **Karnataka Blood Donors**

If any patient is in critical condition and they may need blood immediately to save the life of patient. When patient is in need of blood, the concerned people will search for blood banks or the blood donors of respective blood group. Our project “KARNATAKA BLOOD DONOR” provides a helping hand to save precious life. Our application helps the people who are searching for blood. Our application provides a user-friendly search engine to search the blood donors

1. **Bikars**

**BiKars.com** used to provide the customers with huge amount of information. This is a site to browse to get the latest updates of the used cars and bikes for sale. An easy way to collect the information of used bikes and cars just sitting in front of your computers by browsing our site.

1. **College Website**

The website has been developed for a college in an effort to make it as attractive and dynamic as possible. Compared to the existing website a database has been added to our project.

Here are some features that we see in our website:

* Details of the college.
* Faculty information.
* Offered Course Details.
* Extracurricular activities.
* Academic events.
* Placement Details.

1. **Eye Hospital Portal**

An Eye care portal is a fairly inexpensive business tool that serves a purpose for both Eye care owners and Eye care patients. Eye care portal makes strong impact on the image of eye care. Our Website helps eye care owners to explore their business worldwide. Through this application eye care owners can give 24 hours service to patients without hiring employee. Through this application eye care owners can easily add and update the doctor details. Doctors or admin can answer for the patient queries. They also can process the appointment details. By using Eye care portal eye hospital patients can take appointments at any point of the day. This application is the ease of use.

1. **Food Web Portal**

The software is designed for maintaining and accessing “Food Web application” i.e., online application called “FoodWeb.com” a customizable product equipped with easy to understand add-ins and plug-ins. The application makes the orders for the food without visiting the Hotel.

Online Food Ordering empowers Hotels to increase sales and expand business by giving customers the ability to order dishes by online and by providing hotel with a powerful/effective professionally designed hotel e-commerce website.

1. **Online Pizza hut**

Through Online Pizza hut application customers can order pizza products at any point of the day. This has given the customers a larger time framework to work with and has helped the pizza hut to increase their sales many times. This application is the ease of use. All you need to know is a one-website address and then you can search for bakery items. This saves them a lot of money in advertising, setting up and maintaining the web application

1. **Place Locator Using Google Maps**

Place Locator is a kind of project which can keep track of the information about the places around the world. This Project fulfills the requirements of the persons who want to know the Details of a particular place.  All the places are shown in the form of a map, we need to select the desired location then details will be displayed. Users can find the famous places, shopping malls, theatres, restaurants etc.

1. **Cooking Recipes Portal**

This project display recipes in a wide variety of categories, also allow your visitors to post their favorite recipes, rate recipe and add comment. You can edit/delete recipes or comments in a password protected admin recipe manager area. Cooking Article/Blog with RichText HTML Editor is provided.

1. **Question Paper Generator**

This project used to post internal question papers from lecturers. Admin can add lecturers. To type question papers Rich Text HTML Editor is provided. Also provided security for question papers by encrypting. Admin can take print out of Question papers.

1. **Faculty Feed Back System**

This project is used to get feedback of faculties from students. This project helps to principal to read the heart of the students. Admin can post the lecturer information with photos. Admin can add the questions to get feedback. Lecturer can view his feedback details. Students can login and post his feedback about faculties.

1. **Online Tourist Bus and Car Booking Portal**

This project is used to book the tourist bus and cars. Admin can post the bus and car information through images. Admin can also process the customer booked details. Customer can check the availability of buses and cars for booking and he book the desired buses and cars of his desired date.

1. **Online Social Networking**

 Social networking-community site provides communication to various employees of the company and also employees can get also the features as current community site.   
**Registration** :- When Employees want to add in this application it easily to registration in this application.   
**Manage profile** :- Employees easily edit profile to desire change.

**Search Employees** :- Employees easily search other employees by employee information.

**Request for employees** :- Employees can find another employees then send a request for join

and add inn own account.

**Scrap** :- Send and receiver scrap by employees.

**Photo Gallery** :- Employees can easily upload photos own employees account easily.

**Chat** :- It is easily communicating with online employees.

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

1. **Leave Management System**

This project is aimed at developing a web based Leave Management Tool, which is of importance to either an organization or a college.

The Easy Leave is an Intranet based application that can be accessed throughout the organization or a specified group/Dept. This system can be used to automate the workflow of leave applications and their approvals. The periodic crediting of leave is also automated. There are features like notifications, cancellation of leave, automatic approval of leave, report generators etc in this Tool.

**The modules involved are:**

Administration

Employee

Search

Report

Authentication

**Administrator:-**  
In this module the Administrator has the privileges to add all the Employees and register them in the organization and check the information of the Employee and check the status of the leave when they have taken and what type of leave they have taken and search is done based on the employee and report is generated based on employee.

**Search:-**  
This module contain complete search like Leave search, Type of Leave, Employee based on the leave and starting and ending day of leave.

**Employee:-**  
In this module employee has the privileges to use his username and password for login and he can see the request given by the customer and he can pass the process to the Business Manager and maintain the record of the customers.

**Reports:-**  
This module contains all the information about the reports generated by the Employees based on the Performance and by the leave status.

**Authentication:-**  
This module contains all the information about the authenticated user. User without his username and password can’t enter into the login if he is only the authenticated user then he can enter to his login.

1. **Online Training Portal**

The project titled “**Development of a feature-rich, TRAINING PORTAL Application**” is designed using Active Server Pages .NET with Microsoft Visual Studio.Net 2005 as front end and Microsoft SQL Server 2000 as back end  which works in .Net framework version 2.0. The coding language used is C# .Net.

The Application has the System Administrator, Employee, Student (Trainee), Chat, Forum modules. The System Administrator can add a Course, add a schedule, modify a course, add a feedback, modify a feedback, Register a New Employee to the Concern, and view the profiles for both employee and student Profile. The Employee can view Schedule allotted by Admin, Forum Messages and he can chat with others to clarify the online doubt that afforded by the student. In Chat Module Whoever it may be entering into chat with others (Except Unregistered Users). The students can clarify the doubt through the Forum messages. The Students can post the question to the forum. If anybody knows the answer to those questions then they can reply the answer through the Forum. In chat everyone enter into chat (except unregistered user) with others. They can also create a separate room for chatting Like Entertainment, Jokes. Depending  upon the user wish they can enter into chat with others. He/She can also possible to create a new room for chatting.