A

Project Report

On

Project Title

Events Decoration

Submitted in partial fulfillment of their requirements for the award of the Three-Year Diploma in

Computer Science

Under the supervision of

Er. Akash Datt Pathak

Submitted By:-

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Submitted To:-

Government Leather Institute Agra, Uttar Pradesh

Preface

"Necessity is Mother of All Inventions"

Online training is an important part of the engineering curriculum. The Diploma course Online training helps a student in getting acquainted with the manner in which his/her knowledge is being practically used outside his/her institute and this is normally different from what he/she has learnt from books. Hence, when the student switches from the process of learning to that of implementing his/her knowledge, he/she finds an abrupt change. This is exactly why online training session during the B.E curriculum becomes all the more important. Online training is prescribed for the student of Technical College as a part of the four-year degree course of engineering by the AICET. We are required to undergo online training for a period of 28days after the completion of the 2nd year.

This training report describes in detail the training after the 3rd year session, which I completed .This report also gives the information about the organization and it's working along with the project undertaken in the training period.

The fundamental step used in **SDLC** process is based on the ISO 9001 guidelines. My aim was to follow the ISO guidelines and develop a perfect system.

The system development was organized into 5 major parts:

1. Requirement Gathering
2. Documentation/Design
3. Development
4. Coding
5. Testing

CANDIDATE'S DECLARATION

I hereby declare that the work, which is being presented in the training report, entitled

"INDUSTRIAL TRAINING" in partial fulfillment for the Diploma in Department of Computer Science & Engineering and submitted to the Department of Computer Science & Engineering, Government Leather Institute, Agra is a record of my own investigations carried under the Guidance of Mr. Akash Datt Pathak Department of Computer Science & Engineering, Government Leather institute, Agra. I have not submitted the matter presented in this. report anywhere for the award of any other Degree or Diploma.

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He/she had attended all classes regularly.

I wish him the best for future endeavors.

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Every Industrial Training big or small is successful largely due to the effort of a number of wonderful people who have always given their valuable advice or lent a helping hand. I sincerely appreciate the inspiration; support and guidance of all those people who have been instrumental in making this project a success.

I, Ankit kumar, the student of Government Leather Institute, Agra (Computer Science & Engineering), extremely grateful to "Arcane programming infotech" for the confidence bestowed in me and entrusting my seminar entitled "INDUSTRIAL TRAINING ON JAVA" with special reference to Arcane . At this juncture | feel deeply honored in expressing my sincere thanks to Surender Singh for making the resources available at right time and providing valuable insights leading to the successful completion of my seminar.

I express my gratitude to Mr. R.K. Sharma (HOD, CSE) for arranging the Industrial training in good schedule. I also extend my gratitude to my seminar Guide

Mr. Akash Datt Pathak(Asst. Prof, CSE) who assisted me in completing the project. I would also like to thank all the Computer Science Department faculty members of Government Leather Institute, Agra for their critical advice and guidance without which this seminar would not have been possible. Last but not the least I place a deep sense of gratitude to my family members and my friends who have been constant source of inspiration during the preparation of this seminar report.

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ABSTRACT

In the 4 weeks' industrial training we are study about so many languages and then we are choosing to learn java in our summer training used because it is easy to manage, and it is object oriented and availability of debugging tools. And then we are start search best company who give us summer training java. Then we find that Arcane programming infotech is the best company who deal in the java. Then we start our 4 weeks' Industrial training from Arcane. First, we learn how to make web page in html with the help of CSS. Then we start java with jsp. Java is high level programming language then we want make server in our computer then we learn about Wampp. After 4 weeks training, we are able to develop website on java.

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CHAPTER: INTRODUCTION

Welcome to AVP'S Events.com , your ultimate destination for exceptional event decoration services that transform any occasion into a memorable experience. Whether you're planning a wedding, corporate event, birthday party, or any other celebration, we specialize in creating stunning environments tailored to your vision. Our team of experienced designers works closely with you to craft personalized decorations that reflect your style and theme, using high-quality materials and innovative designs.

From elegant floral arrangements and creative lighting setups to unique table settings and custom backdrops, we offer a wide range of decoration options to suit any event. We pride ourselves on attention to detail and a commitment to turning every event into a visual masterpiece. With years of experience and a passion for design, we ensure that your event space is transformed into a breathtaking setting that leaves a lasting impression on your guests.

At AVP'S Events.com , we understand the importance of making every moment count, and we are dedicated to providing seamless service from planning to execution. Explore our portfolio, browse our services, and let us help bring your event dreams to life with perfect, tailor-made decorations.

OBJECTIVES

The objectives of an event decoration website are :-

1. **Showcase Services and Expertise:** To display the variety of decoration services offered, including themes, floral arrangements, lighting, table settings, and custom designs, helping potential clients understand the range of options available for their events.
2. **Provide Inspiration and Ideas:** To offer a visual portfolio of past events and designs, allowing visitors to explore creative ideas and spark inspiration for their own celebrations.
3. **Easy Booking and Inquiries:** To enable users to easily inquire about services, request quotes, or schedule consultations, simplifying the process of booking event decoration services.
4. **Offer Customization Options:** To provide personalized solutions and cater to unique customer needs by showcasing customizable decoration packages or themes, ensuring that every client's vision can be realized.
5. **Highlight Client Testimonials and Reviews:** To build trust and credibility by showcasing positive feedback from previous clients, which can help future customers feel confident in choosing the service.

6. **Promote Seamless Communication and Customer Support:** To offer clear communication channels, ensuring that customers can easily reach the team for questions, guidance, or support throughout the planning process.
7. **Generate Leads and Increase Sales:** To attract potential customers through engaging content, search engine optimization (SEO), and user-friendly navigation, ultimately driving business growth and increasing sales.

PROBLEM DEFINITION

In this section we shall discuss the limitation and drawback of the existing system that forced us to take up this project. Really that work was very typical to manage the daily errors free records and adding or removing any node from server. This problem produces a need to change the existing system. Some of these shortcomings are being discussed below: -

- **Low Functionality**

  With the existing system, the biggest problem was the low functionality. The problem faced hampered the work. For small task like adding any new node to server or deleting a node or keeping daily record we have to appoint minimum two or three employee.

- **Erroneous Input and Output**

  In the existing system, humans performed all the tasks. As in the human tendency, error is also a possibility. Therefore, the inputs entered by the People who Customer in events decorators is , in the registers may not be absolutely foolproof and may be erroneous. As a result of wrong input, the output reports etc. Will also be wrong which would in turn affect the performance.

- **Portability Problem**

  System that existed previously was manual. As a result, the system was less portable. One has to carry the loads of many registers to take the data from one place to another. A big problem was that the system was less flexible and if we wanted to calculate yearly or monthly maintenance report or efficiency report, then it was a big headache.

- **Security-**

Security concern were also one of the motive of the college for the need of software. The data is not secure as anybody can temper with the data written in the registers, while in this software, just a password makes it absolutely secure from the reach of unauthorized persons.

- **Data Redundancy**

  In the case of manual system, the registers are maintained in which, a lot of data is written.

- **Processing Speed**

  In manual system maintaining a register and performing the necessary calculation has proved to be troublesome Information, which takes a lot of time and may affect the performance of the Website. But with this software we can have all the tasks performed in a fraction of second by a single click thus making the troublesome job much easier.

- **Manual Errors**

  When a number of tough tasks are prepared by the humans like preparation of reports, performing long calculation then some human error are obvious due to a number of factors like mental strain, tiredness etc. But as we all know that computer never get tired irrespective of the amount of work it has to do. So this software can nullify the probability of manual error that improve the performance.

- **Complexity in Work**

  In manual system whenever a record is to be updated or to be deleted a lot of cutting and overwriting needs to be done on the registers that are concerned that are deleted or updated record, which makes the work very complex.

EXISTING SYSTEM DESCRIPTION

The existing system of AVP'S Events.com is to manage the relationship with Customer members by storing the Customer data in registers. The existing system has following drawbacks:

- Time Consuming
- Manual Errors
- Complexity

Low Security

- Data Redundancy
- Portability
- No more helpful to improve business.

PROPOSED SYSTEM

The proposed system for an event decoration website is designed to provide an efficient, user-friendly experience for both customers and service providers. The system would encompass a variety of features aimed at streamlining the decoration planning and booking process while ensuring personalization, ease of use, and flexibility for the clients.

1. Homepage

- **User-Friendly Interface**: Clean, attractive design with easy navigation.
- **Service Overview**: Brief introduction to the services offered (e.g., wedding, corporate events, parties).
- **Call-to-Action (CTA)**: Clear CTAs for booking consultations or exploring packages.
- **Search and Filter Options**: Allow users to search for decoration styles or themes, filter by event type, or budget.

2. Service Catalog

- **Service Details**: List and detailed descriptions of decoration services offered, including pricing, themes, and customization options.
- **Visual Gallery**: A portfolio of previous work to showcase examples of different event decorations (weddings, corporate events, parties, etc.).
- **Theme Customization**: Options for users to select and customize themes, color schemes, floral arrangements, etc.

3. Event Planning Tools

- **Budget Calculator**: A tool to help users estimate costs based on decoration choices and the size of the event.
- **Interactive Design Tool**: A feature that allows clients to visualize decoration ideas in real-time, adjusting the space and elements to see how their choices will look.

4. Booking and Consultation System

- **Online Booking**: Simple forms to request quotes or book consultations.
- **Calendar Integration**: Availability checking for specific dates and event times.
- **Consultation Scheduling**: Allows customers to schedule in-person or virtual consultations with decoration specialists.

5. Customer Reviews and Testimonials

- **Review Section**: Showcase customer feedback and ratings to build trust and encourage new customers.
- **Case Studies**: Detailed stories of past events, with before-and-after images and client experiences.

6. Client Dashboard

- **Personalized Dashboard**: Customers can track their event progress, review booked services, and make payments.
- **Communication Platform**: Direct messaging with the event planner for updates, questions, and requests.

7. Online Payment and Invoicing

- **Secure Payment Gateway**: Integrated payment options (credit/debit cards, bank transfers, etc.).
- **Invoicing**: Automated generation of invoices after booking, with the option for installments or full payments.

8. Blog and Inspiration Section

- **Event Planning Tips**: Regularly updated blog posts to help customers plan their events with practical advice, trends, and decoration tips.
- **Seasonal Inspiration**: Recommendations based on seasonal trends, popular color schemes, or holiday-specific designs.

9. SEO and Marketing

- **SEO Optimization**: To ensure the website ranks highly on search engines for relevant keywords (e.g., "event decoration services").
- **Social Media Integration**: Display feeds or allow sharing to social media platforms to enhance brand visibility and customer engagement.

10. Backend Admin Panel

- **Order Management**: Admins can track customer orders, schedules, and event details.
- **Inventory Tracking**: Manage the stock of materials, floral arrangements, and other decoration items.
- **Reporting**: Analyze customer trends, website traffic, and sales performance to optimize services.

11. Mobile Compatibility

- **Responsive Design**: Ensure the website is fully responsive, offering an optimized experience for mobile and tablet users, enabling customers to browse and book on the go.

SYSTEM ANALYSIS

OBJECTIVE:

➢ The main objective of website is to make easy for Customer to get all the information about the Evnets.. It acts as a mediator between the Customer and Organiser.

➢ Customer/Organiser can communicate with each other. The objective of the application is to develop a system using which Customer and Organiser.

➢ Username and password is given for each user/customer so that the messaging servlet recognizes them as user. Multiple logins with same identity is not allowed.

➢ User can search Information by the help of this website any time anywhere and also apply.

➢ If user complaint is reasonable, we will attempt to secure a satisfactory resolution for user.

➢ Easily accessible from any corner of the world if you have internet connection.

Phases:

System Development Life Cycle (SDLC) mainly consists of the following 7 phases which can be detailed:-

Preliminary Investigation: -

This is the first phase of the system development life cycle. In this phase we tend to find out the needs of the client –what exactly does the client want? Before the development of any system the important point is to know the needs, objectives and scope of the system.

Feasibility Study:-

Feasibility study is the second step of the system development life cycle. Things are always easy at the beginning in any software process. In fact nothing is in feasible with unlimited time and resources. But it is not the fact. So, practically we have to do in limited resources in a restricted time margin. So for the system to be feasible, following points we have to consider.

The feasibility study is conducted to check whether the candidate system is feasible. The system which is selected to be the best against the criteria is there after designed and developed. The feasibility study takes in to consideration, the risks involved in the project development beforehand. Therefore in this phase we have to do feasibility study which is the test of the website according to its work ability, impact on the organization, ability to meet user need and effective use of resources. We do the feasibility study for website to analyze the risks, costs and benefits relating to economics, technology and user organization. There are several types of feasibility depending on the aspect they cover. Import of these includes:

Technical Feasibility: -

This is an important outcome of preliminary investigation. it comprise of the following

- Can the work of project bed one with the current equipment, existing software and available man power resource?
- If Technology is required what are the possibilities that it can be developed?

Economic Feasibility:

It deals with question related to the economy. It comprise of the following questions:- • Are there sufficient benefits in creating the system to make the cost acceptable?

- Are the costs of not creating the system so great that the project must be undertaken?

Legal Feasibility:

It deals with the question related to the legal issues. It comprise of the following questions: -

- Contract Signing
- Software License agreement
- Issues related to cyber laws.
- Legal issues relating to the man power contract.

Operational Feasibility:

The operational feasibility consists of the following activity: -

- Will the system be useful if it is developed &implemented?
- Will there be resistance from employee?

Social & Behavioral Feasibility:

It deals with the various issues related to the human behavior like: -

- Whether the user be able to adapt a new change or not?
- Whether the ambiance we are providing suits the user or not?

Request Approval: -

Request approval is the third phase of system development lifecycle. Request approval is the phase in which all the requirements which would be provide in the system are stated. The request approval is a sort of agreement between the client and the company which is building this software. Both the parties should be mutually agreed on the stated requirements.

System Analysis:-

System analysis is the phase following the phase of the request approval. In this phase we tend to analyze the overall system which we have to build. System analysis is the crucial part in SDLC.

System Design:-

System design means the designing of the system. The System can be done in either of the following two ways:-

- Logical System Design
- Physical System Design

Coding:-

Coding is the phase in which a developer codes using any programming languages. Coding constitutes only20 % of the whole project and which is easier to write. The coding work is also done in the teams; development of the system is usually done under the modular programming style, which can be either top-down approach or bottom-up approach.

Testing:-

Testing is the phase in which the system that has been developed is tested. Testing comprises of the 60%ofthe overall development of the system. Testing of the system is important because testing aims to uncover the different errors in the system. There are various different testing techniques that can be used for the testing of the system.

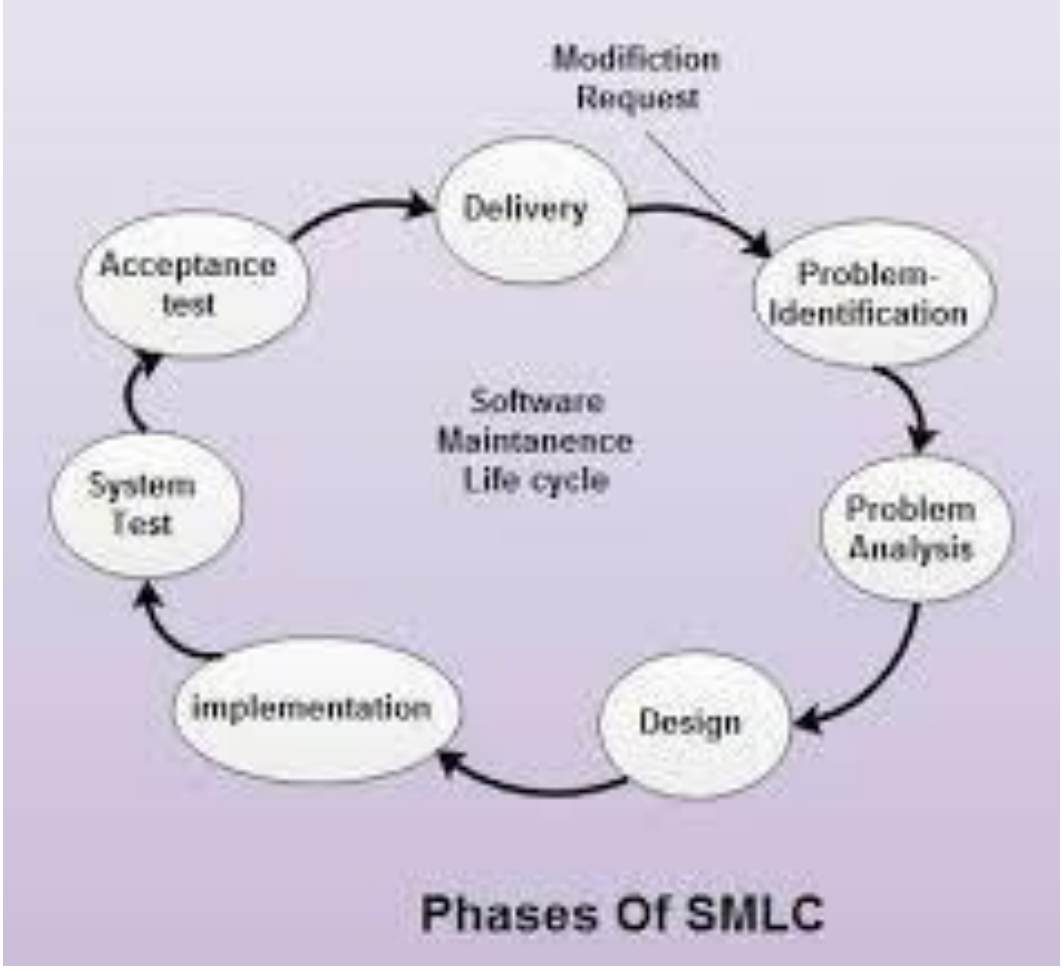
Implementation:-

Implementation process involved the installation of software on user's side. Implementation process actually depends on type of a system & various. Opting for suitable conversion approach is a step implementation. The conversion processes are as follows:-

- Parallel Conversion
- Direct Conversion Approach
- Pilot Conversion Approach
- Phase In Conversion Approach

Maintenance: -

Merely developing the system is not important but also maintenance is important. The company that has built the system provides for some time free of cost maintenance to the client and after that period it is usually a paid service.



Process Description

Gantt charts mainly used to allocate resources to activities. The resources allocated to activities include staff, hardware, and software. Gantt charts (named after its developer Henry Gantt) are useful for resource planning. A Gantt chart is special type of bar chart where each bar represents an activity. The bars are drawn along a timeline. The length of each bar is proportional to the duration of the time planned for the corresponding activity.

Gantt chart is a project scheduling technique. Progress can be represented easily in a Gantt chart, by coloring each milestone when completed. The project will start in the month of January and end after 4 months at the beginning of April.

PROJECT MODEL USED

Iterative Enhancement Model

- This model has the same phases as the waterfall model, but with fewer restrictions. Generally the phases occur in the same order as in the waterfall model, but they may be conducted in several cycles.

- Useable product is released at the end of the each cycle, with each release providing addtional functionality. Customers and developers specify as many requirements as possible and prepare a SRS document. Developers and customers then prioritize these requirements. Developers implement the specified requirements in one or more cycles of design, implementation and test based on the defined priorities.
- The procedure itself consists of the initialization step, the iteration step, and the Project Control List. The initialization step creates a base version of the system. The goal for this initial implementation is to create a product to which the user can react. It should offer a sampling of the key aspects of the problem and provide a solution that is simple enough to understand and implement easily. To guide the iteration process, a project control list is created that contains a record of all tasks that need to be performed. It includes such items as new features to be implemented and areas of redesign of the existing solution. The control list is constantly being revised as a result of the analysis phase.

The iteration involves the redesign and implementation of iteration is to be simple, straightforward, and modular, supporting redesign at that stage or as a task added to the project control list. The level of design detail is not dictated by the iterative approach. In a light-weight iterative project the code may represent the major source of documentation of the system; however, in a critical iterative project a formal Software Design Document may be used. The analysis of an iteration is based upon user feedback, and the program analysis facilities available. It involves analysis of the structure, modularity, usability, reliability, efficiency, & achievement of goals. The project control list is modified in light of the analysis results.

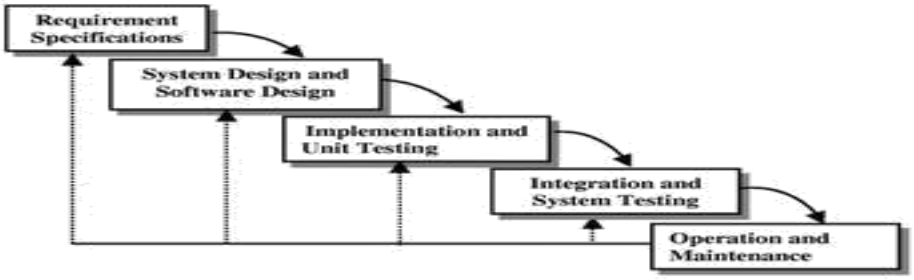
PHASES:

Incremental development slices the system functionality into increments (portions). In each increment, a slice of functionality is delivered through cross-discipline work, from the requirements to the deployment. The unified process groups increments/iterations into phases: inception, elaboration, construction, and transition.

- Inception identifies project scope, requirements (functional and non-functional) and risks at a high level but in enough detail that work can be estimated.

- Elaboration delivers a working architecture that mitigates the top risks and fulfills the nonfunctional requirements.

- Construction incrementally fills-in the architecture with production-ready code produced from analysis,



- design, implementation, and testing of the functional requirements.

- Transition delivers the system into the production operating environment.

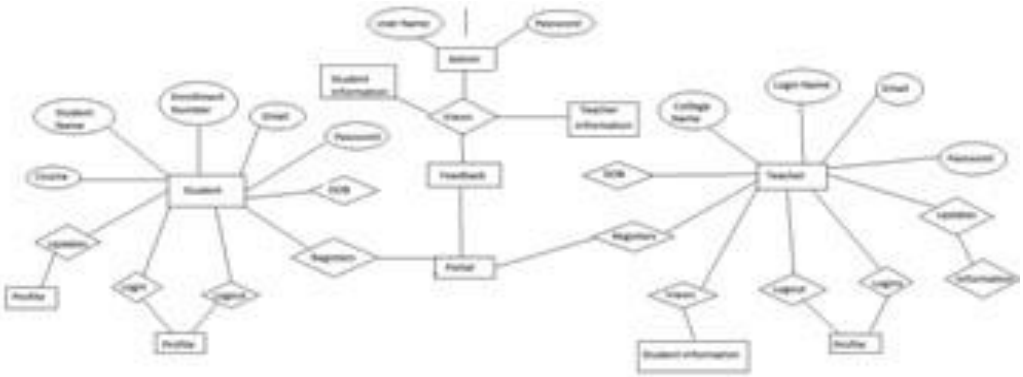
ER-Diagram Introduction: -

In software engineering, an entity-relationship model (ERM) is an abstract and conceptual representation of data. Entity-relationship modeling is a database modeling method, used to produce a type of conceptual schema or semantic data model of a system, often a relational database, and its requirements in a top-down fashion. Diagrams created by this process are called entity-relationship diagrams, ER diagrams, or ERDs. ER Diagrams depicts relationship between data objects. The attribute of each data objects noted in the entity-relationship diagram can be described using a data object description. Entity relationship diagram is very basic, conceptual model of data and it is fundamental to the physical database design. This analysis is then used to organize data as relations, normalizing relations, and obtaining a Relational database.

The entity-relationship model for data uses three features to describe data. These are:

1. Entities which specify distinct real-world items in an application.
2. Relationship, which connect entities and represent meaningful dependencies between them.
3. Attributes which specify properties of entities & relationships.

E-R Diagram :



Data Flow Diagram

Introduction: -

DFD is an acronym for the word Data Flow Diagram. DFD is pictorial representation of the system. DFD is a graphical representation of the ―flow of data through the information system. DFD are also used for the visualization of data processing (structured design). ADFD provides no information about the timings of the process, or about whether process will operate in parallel or sequence. DFD is an important technique for modeling a system's highlevel detail by showing how input data is transformed to output results through sequence of functional transformations. DFD reveal relationships among between the various components in a program or system. The strength of DFD lies in the fact that using few symbols we are able to express program design in an easier manner. A DFD can be used to represent the following: -

- Process that change the data.
- Flow of data with in the system.
- Data Storage locations.

Uses of DFD:-

The main uses of data flow diagrams are as follows: -

DFD is a method of choice for representation of showing of information through a system because of the following reasons: -

- DFDs are easier to understand by technical and non-technical audiences.
- DFDs can provide high level system overview, complete with boundaries and connections to other system.
- DFDs can provide a detailed representation of system components.

SOFTWARE REQUIREMENT SPECIFICATION

A requirements specification for a software system is a complete description of the behavior of a system to be developed and it includes a set of use cases that describe all the interactions the users will have with the software. In addition to use cases, the SRS also contains non-functional requirements.

Non-functional requirements are requirements which impose constraints on the design or implementation (such as performance engineering requirements, quality standards, or design constraints). Requirements are a sub-field of software engineering that deals with the elicitation, analysis, specification, and validation of requirements for software.

The software requirement specification document enlists all necessary requirements for project development. To derive the requirements, we need to have clear and thorough understanding of the products to be developed. This is prepared after detailed communications with project team and the customer.

Software Specification: -

Programming Language Support

- Java
- Java Script for client-side validation
- jQuery

Server-side Software Requirement

- IDE- Netbeans
- Mysql

Client-side Software Requirement

- Google Chrome Browser
- Operating System

Front-end Tool

- User friendly
- Low cost solution
- GUI feature
- Better designing aspects

Back-end Tool: -Mysql

- Security
- Portability
- Quality

Platform:

Windows platform like: 2000 Server, Professional, XP & Vista

Hardware Specification:

- Intel Pentium and Celeron class processor
  - RAM – 2 G.B. (min)

- HDD - 40 GB
- Monitor-14” SVGA
- Printer – Dot Matrix /Inkjet /Laser Printer
- Mouse & Keyboard- Normal

For Client side: Web browser- IE 7 or above, Google chrome, Safari.

Platform: Windows platform like: windows 98 or above higher version.

SUPPORT AND MAINTENANCE: -

One-year free support for rectifying system bugs including front end and beck end will be Provided . During warranty period Software Engineers will be responsible for removing bugs and improving it. After one-year support can be extended @ 20% of the total product deployment cost.

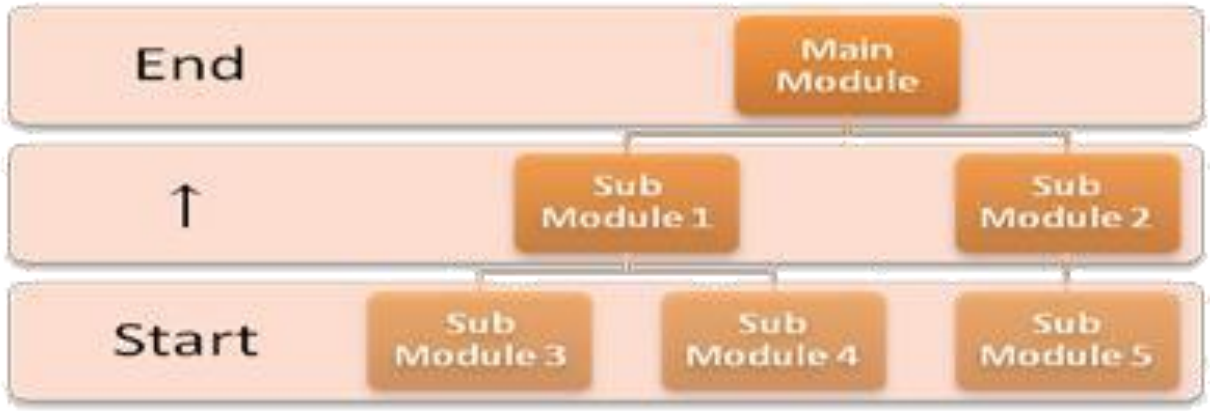
SYSTEM DESIGN APPROACH

Top – Down designing:

The top - down designing approach started with major components of the system. It is a stepwise refinement which starts from an abstract design, in each steps the design is refined two or more concrete levels until we reach a level where no – more refinement is possible or not needed.

Bottom – Up designing:

In bottom – up designing the most basic and primitive components are designed first, and we proceed to



Approach we are following:

higher level components. We work with layers of abstractions and abstraction are implemented until the stage is reached where the operations supported by the layer is complete.

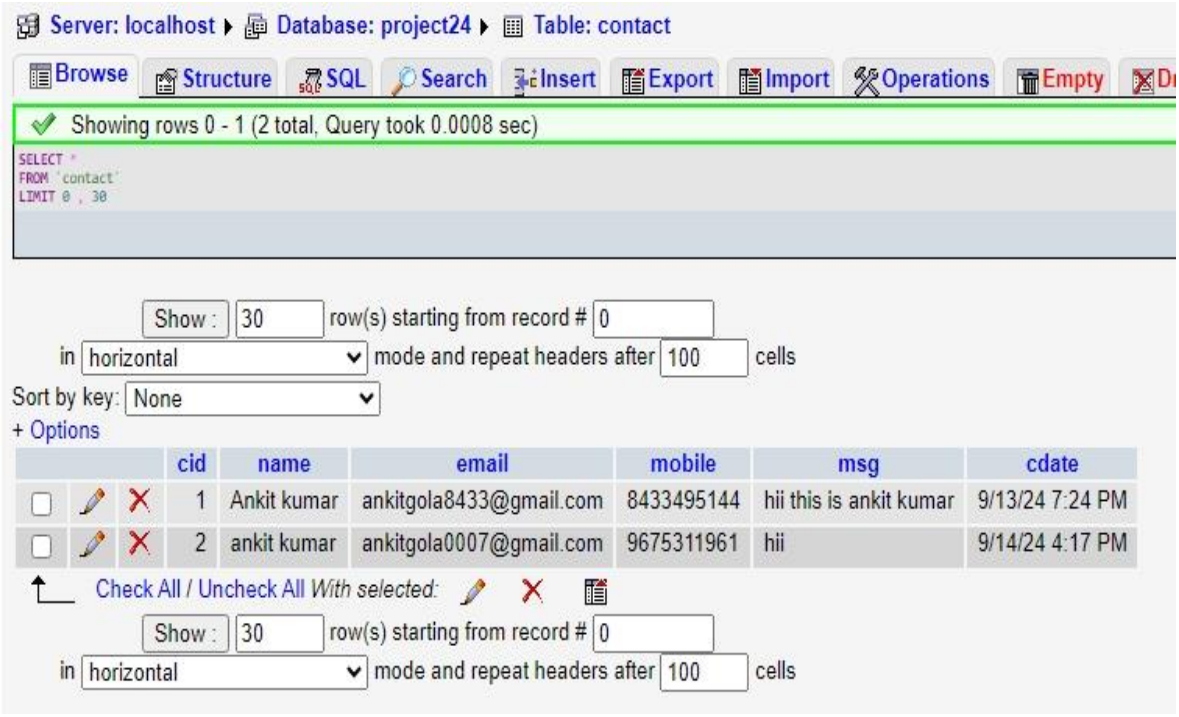
In this project we are following **Mixed Approach** i.e. a combination of top – down and bottom – up. We are developing some of the components using top – down designing approach (e.g. the Web Pages) and the some components in bottom – up designing approach (e.g. the middle tier classes).

DATA MODELING

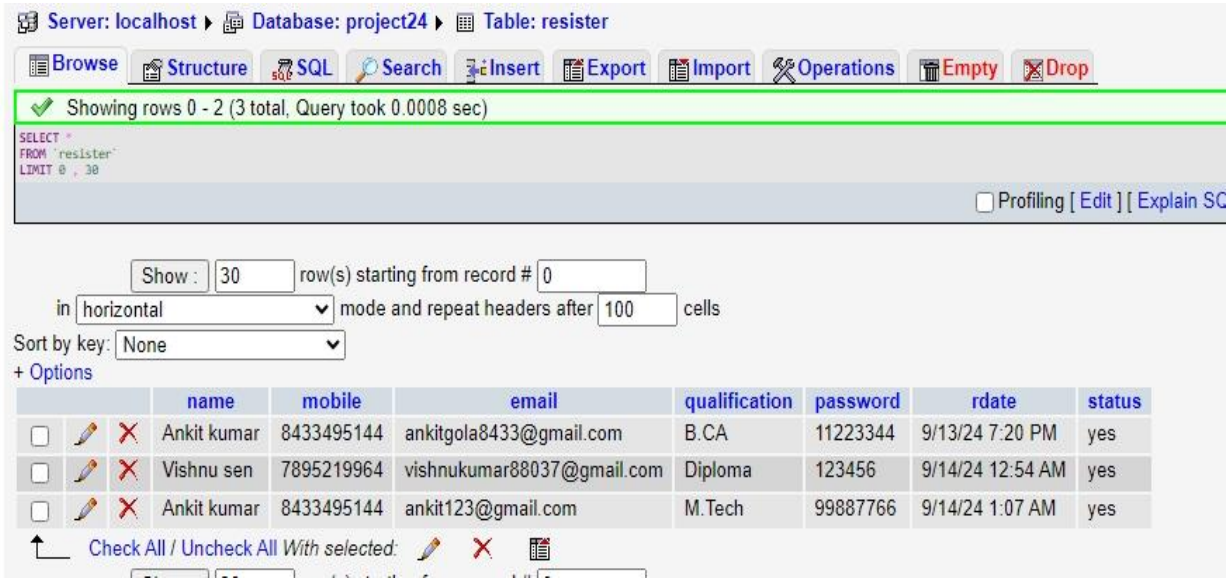
LIST OF TABLES:

1. **Tbl_Contect Us**
2. **Tbl_Registration**
3. **Tbl_Login**
4. **Tbl_Feedback**
5. **Tbl_Response**
6. **Tbl_Homepage**
7. **Tbl_Events**

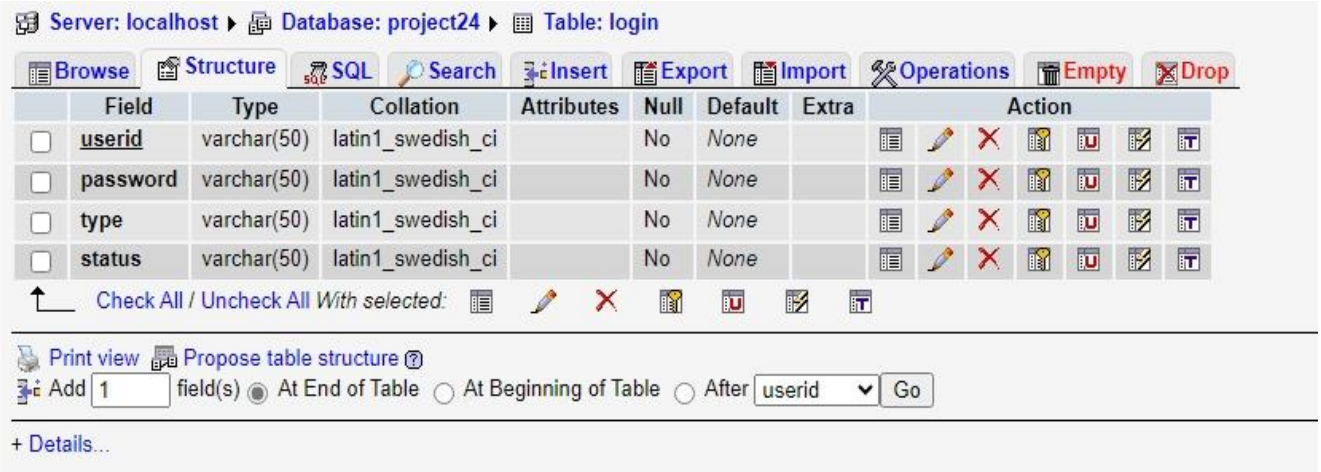
Tbl_Contact Us



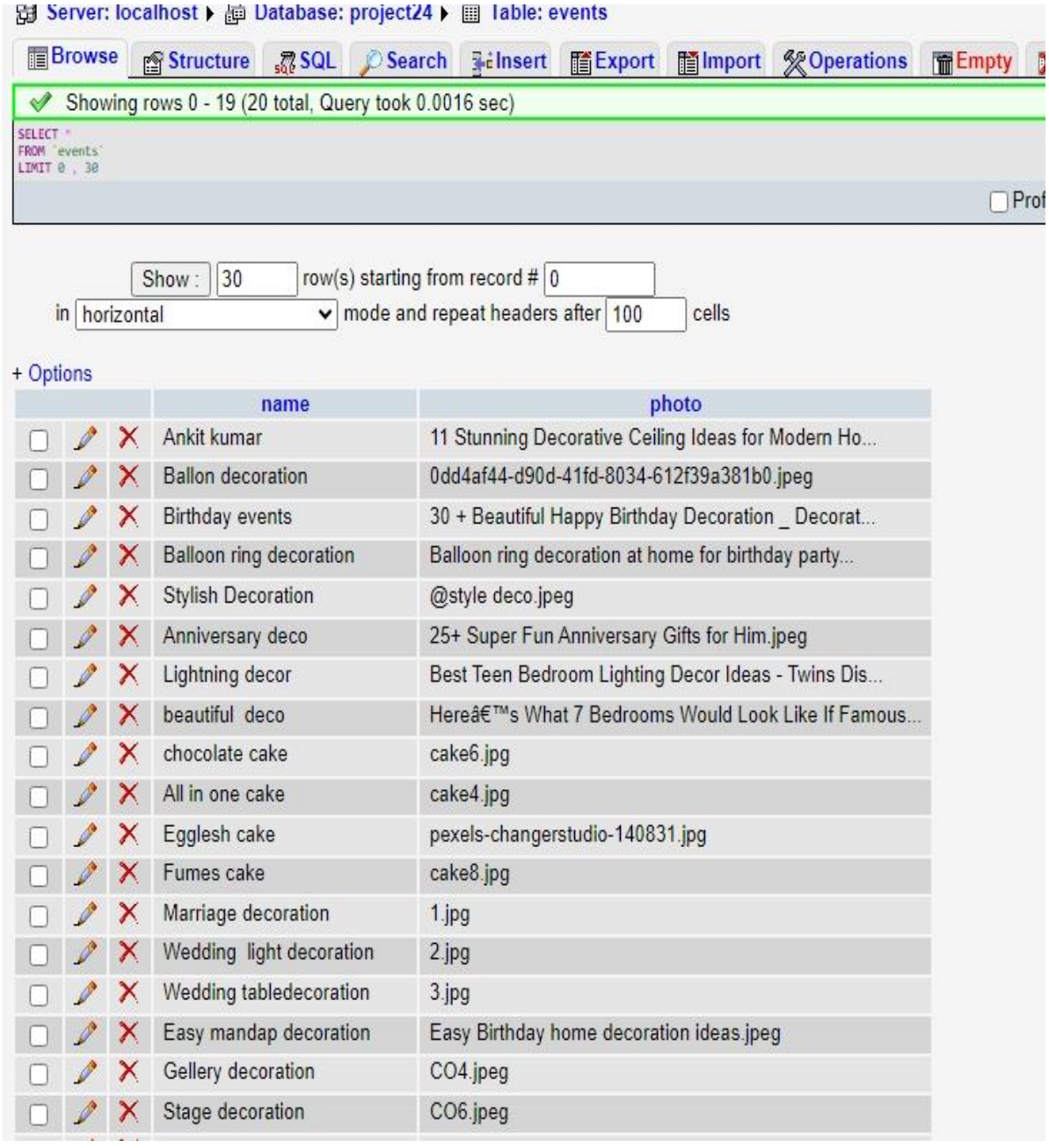
Tbl_Registeration



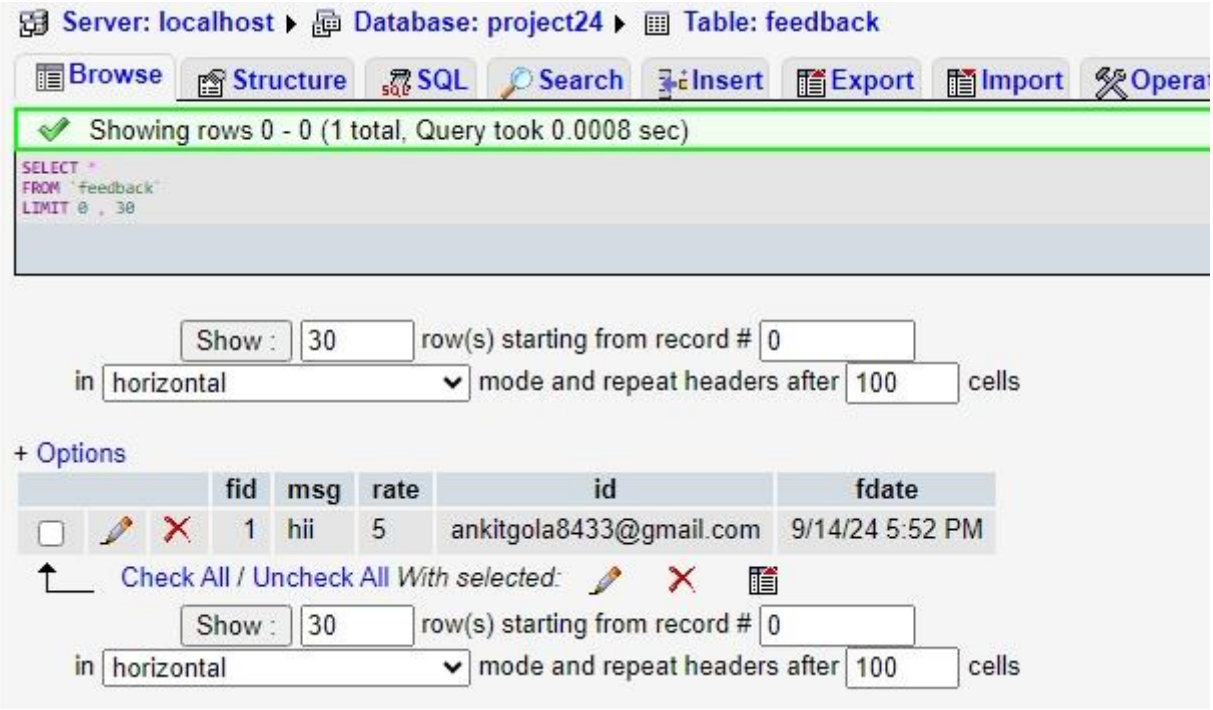
Tbl_Login



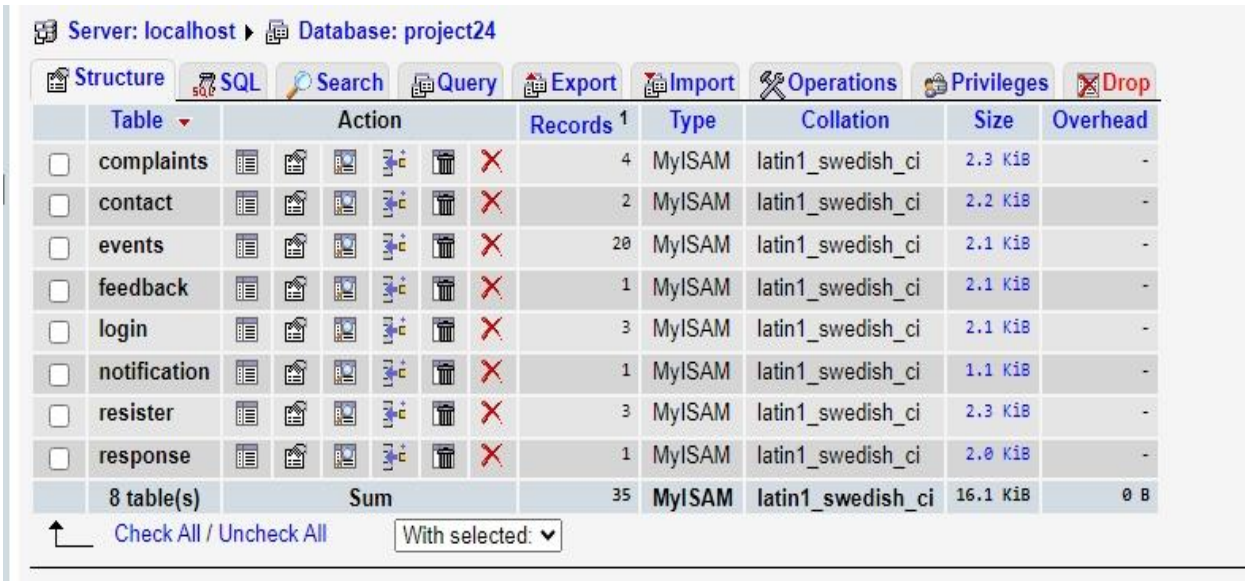
Tbl_Events



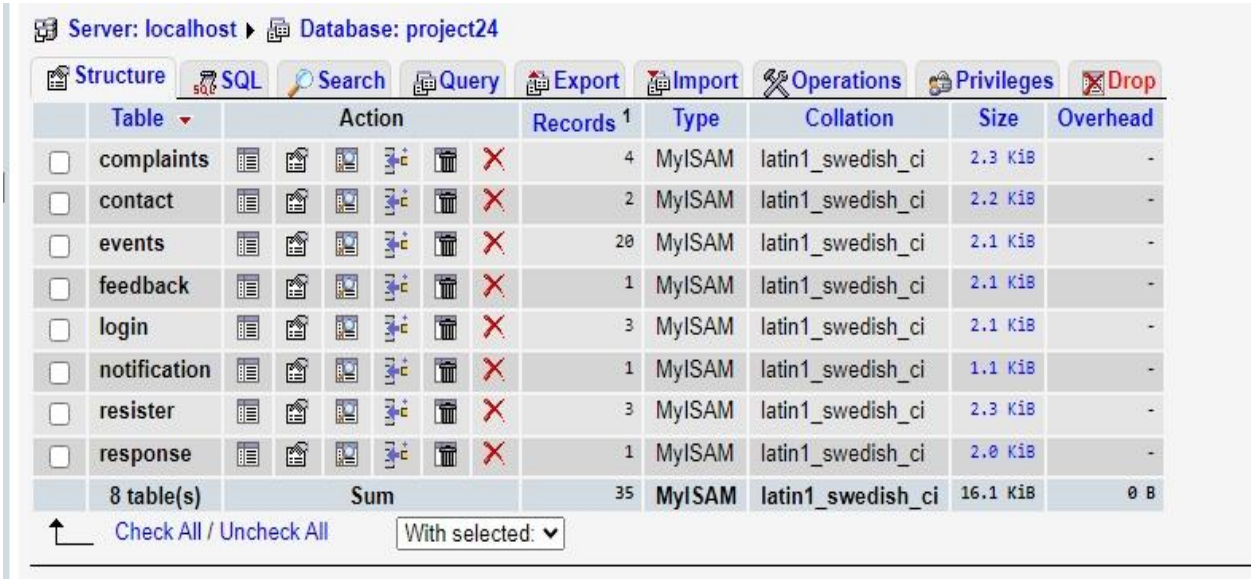
Tbl_Feedback



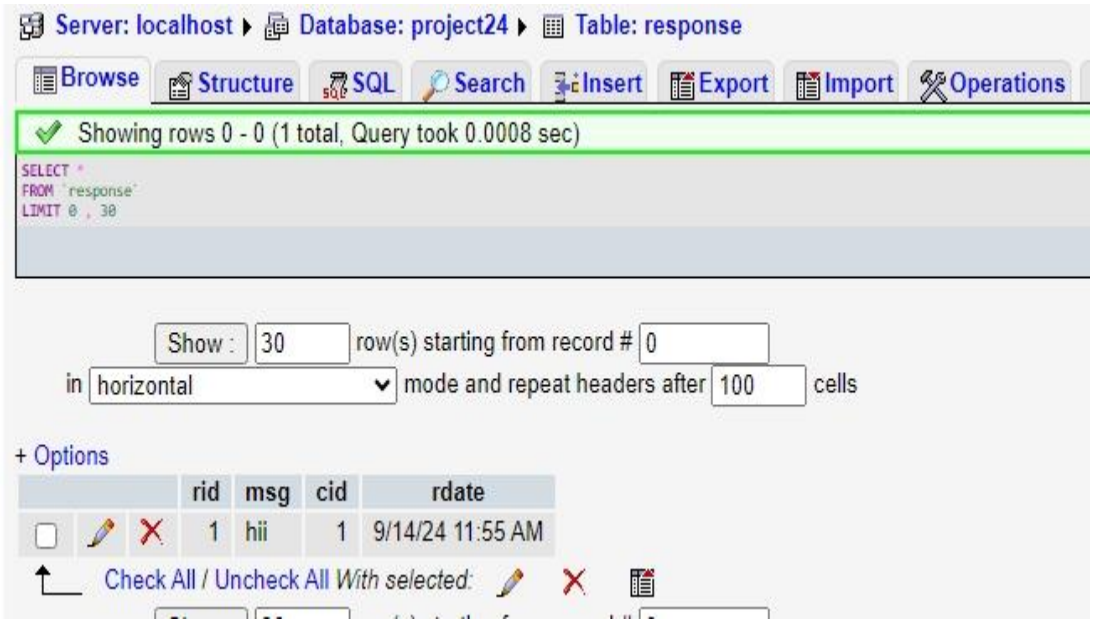
Tbl Homepage



Tbl Complaints



Tbl_Response



Low Level Design

Description: Low Level Design creation is one of the most important activities in the development of any software product. The low-level design document gives the design of the actual software application. Low level design document is based on High Level Design document. It defines internal logic of every sub module. A good low-level design document will make the application very easy to develop by the developer. An effective design document results in very low efforts in developing a Software product.

Each project's low-level design document should provide a complete and detailed specification of the design for the software that will be developed in the project, including the classes, member and non-member functions, and associations between classes that are involved.

member-functions, and class member functions that will be defined during the subsequent implementation stage, along with the associations between those classes and any other details of those classes (such as member variables) that are firmly determined by the low-level design stage. The low level design document should also describe the classes, function signatures, associations, and any other appropriate details, which will be involved in testing and evaluating the project according to the evaluation plan defined in the project's requirements document.

TESTING:

Testing is the integral part of any System Development Life Cycle insufficient and interested application tends to crash and result in loss of economic and manpower investment besides user's dissatisfaction and downfall of reputation.

Software Testing includes selecting test data that have more probability of giving errors." The first step in System testing is to develop the plan that all aspect of system. Complements, Correctness , Reliability and Maintainability.

Software is to be tested for the best quality assurance, an assurance that system meets the specification and requirement for its intended use and performance.

System Testing is the most useful practical process of executing the program with the implicit intention of finding errors that makes the program fail.

Types of Testing:

Black Box (Functional) Testing:

Testing against specification of system or components. Study it by examining its inputs and related outputs. Key is to devise inputs that have a higher likelihood of causing outputs that reveal the presence of defects. Use experience and knowledge of domain to identify such test cases. Failing this a systematic approach may be necessary. Equivalence partitioning is where the input to a program falls into a number of classes, e.g. positive numbers vs. negative numbers. Programs normally behave the same way for each member of a class. Partitions exist for both input and output. Partitions may be discrete or overlap. Invalid data (i.e. outside the normal partitions) is one or more partitions that should be tested. Internal System design is not considered in this type of testing. Tests are based on requirements and functionality.

This type of test case design method focuses on the functional requirements of the software, ignoring the control structure of the program. Black box testing attempts to find errors in the following categories:

- Incorrect or missing function
- interface errors.
- Errors in data structures or external database access.
- Performance errors.
- Initialization and termination errors.

White Box (Structural) Testing:

Testing based on knowledge of structure of component (e.g. by looking at source code). Advantage is that structure of code can be used to find out how many test case need to be performed. Knowledge of the algorithm (examination of the code) can be used to identify the equivalence partitions. Path testing is where the tester aims to exercise every independent execution path through the component. All conditional statements tested for both true and false cases. If a unit has no control statements, there will be up to 2n possible paths through it. This demonstrates that it is much easier to test small program units than large ones. Flow graphs are a pictorial representation of the paths of control through a program (ignoring assignments, procedure calls and I/O statements). Use flow graph to design test cases that execute each path. Static tools may be used to make this easier in programs that have a complex branching structure. Tools support. Dynamic program analyzers instrument a program with additional code. Typically, this will count how many times each statement is executed. At end print out report showing which statements have and have not been executed. Problems with flow graph derived testing:

- Data complexity could not take into account.

- We cannot test all paths in combination.
- In really only possible at unit and module testing stages because beyond that complexity is too high.

This testing is based on knowledge of the internal logic of an application's code. Also known as a Glass Box Testing. internal software and code working should be known for this type of testing. Tests are based on coverage of code statements, branches, paths, conditions.

Unit Testing:

Unit testing concentrate on each unit of the software as implemented in the code. This is done to check

syntax and logical errors in programs. At this stage, the test focuses on each module individually, assuring that it functions properly as a unit. In our case, we used extensive white-box testing at the unit testing stage.

A developer and his team typically do the unit testing do the unit testing is done in parallel with coding; it includes testing each function and procedure.

Incremental integration Testing:

Bottom up approach for testing i.e. continuous testing of an application as new functionality is added; Application functionality and modules should be independent enough to test separately done by programmers or by testers.

Integration Testing:

Testing of integration modules to verify combined functionality after integration. Modules are typically code modules, individual applications, client and server and distributed systems.

Functional Testing:

This type of testing ignores the internal parts and focus on the output is as per requirement or not.
Black box type testing geared to functionality requirements of an application.

System Testing:

Entire system is tested as per the requirements. Black box type test that is based on overall requirement specifications covers all combined parts of a system.

End-to-End Testing:

Similar to system testing, involves testing of a complete application environment in a situation that mimics real-world use, such as interacting with a database, using network communications, or interacting with hardware, applications, or system if appropriate.

Regression Testing:

Testing the application as a whole for the modification in any module or functionality. Difficult to cover all the system in regression testing so typically automation tools are used for these testing types.

Acceptance Testing:

Normally this type of testing is done to verify if system meets the customer specified requirements. User or customers do this testing to determine whether to accept application.

Performance Testing:

requirements, Used different performance and load tools to do this.

Alpha Testing:

In house virtual user environment can be created for this type of testing. Testing is done at the end of development. Still minor design changes may be made as a result of such testing.

Description of Classes and Methods:

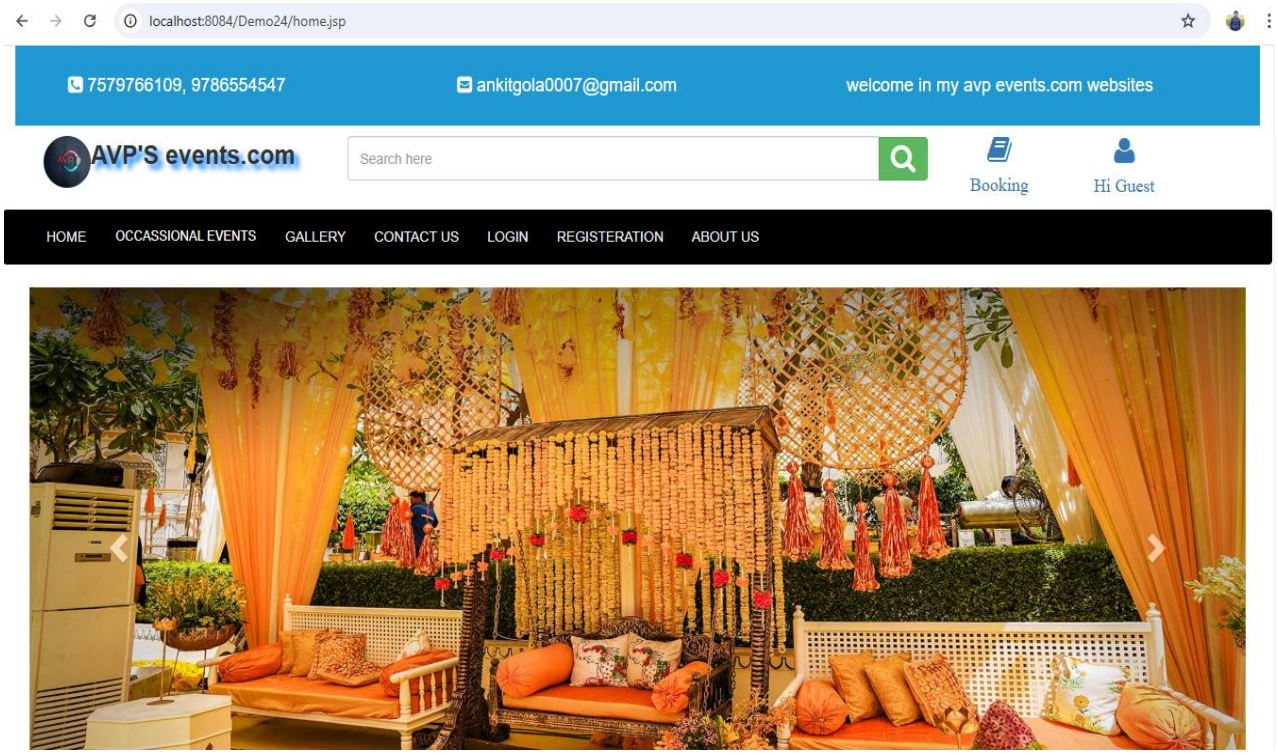
Datamanager class and Method:

```
using System; using System.Collections.Generic; using System.Linq; using System.Web; using
System.Data; using System.Data.SqlClient; using System.Configuration; namespace crud.Models
{    public class ConnectionManager
  {
     SqlConnection con = null;          SqlCommand cmd = null;          public ConnectionManager()
        {    con =new
SqlConnection(ConfigurationManager.ConnectionStrings["mycon"].ConnectionString)
        }
     //this function are used to insert,delete,update commands.
     public bool InsertUpdateDelete(string command)
     {
```

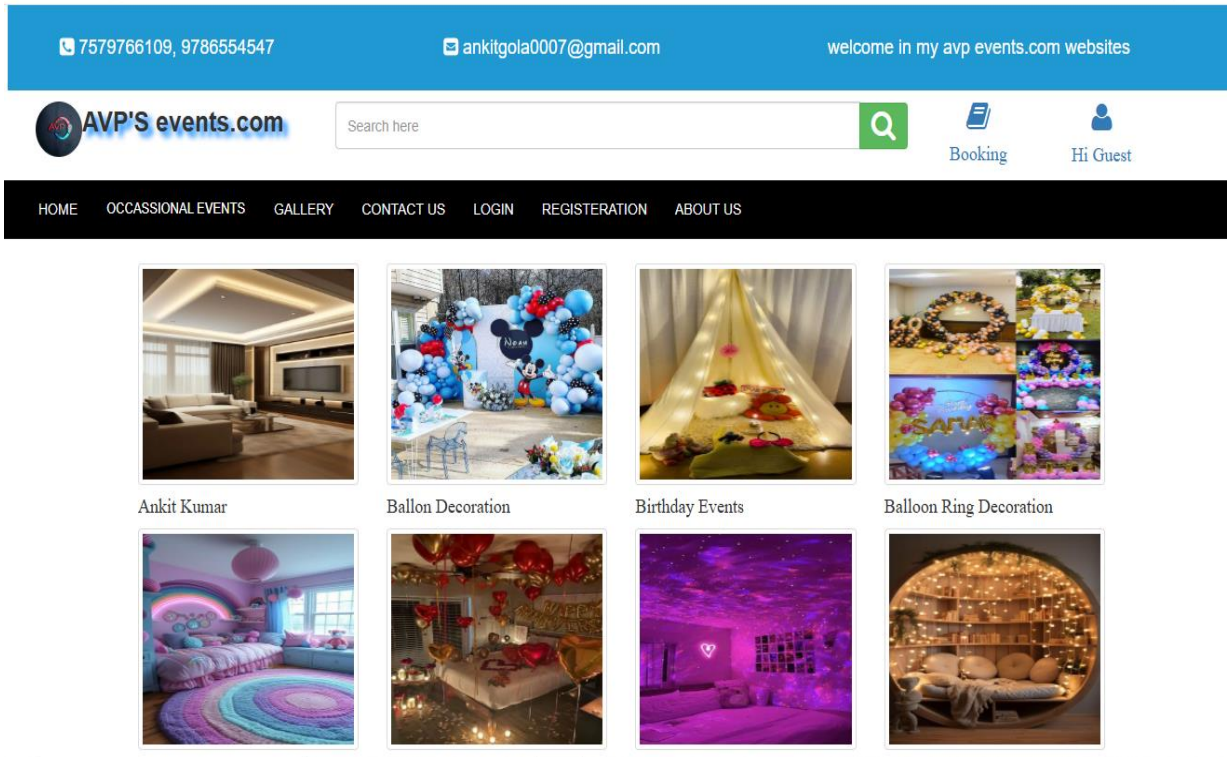
```
        cmd=new SqlCommand(command,con);          if(con.State==ConnectionState.Closed)
        {              con.Open();
        }
        int n = cmd.ExecuteNonQuery();

    }
    //this command used for select query return data with datatable        public
DataTable Display_All_Records(string Command)
    {
       cmd=new SqlCommand(Command,con);          DataTable dt=new DataTable();
       SqlDataAdapter sa=new SqlDataAdapter(cmd);
       sa.Fill(dt);          return dt;
    }
    public int GetCount(string command)
    {
       cmd=new SqlCommand(command,con);          int
n=(Int32)cmd.ExecuteScalar();
       if(n>0)          {              return n;          }          return n;
    }
    }
  }
```

User/Customer Screenshots

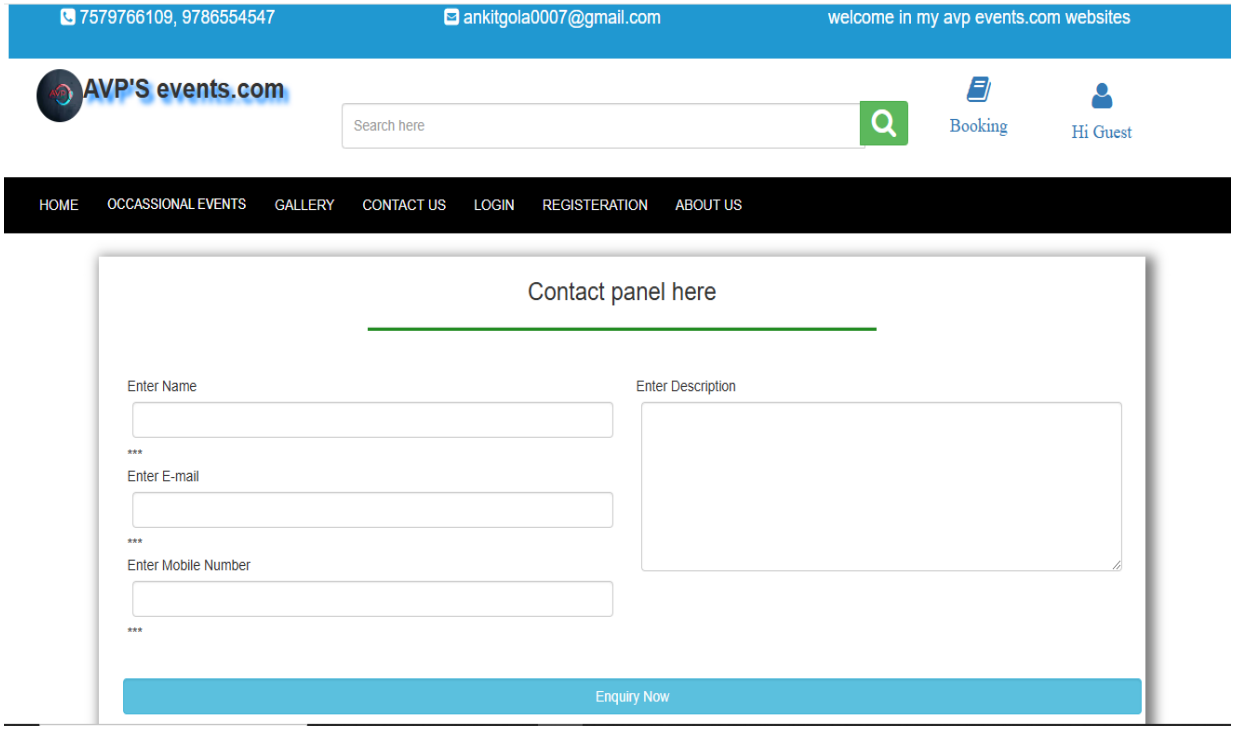
Home page



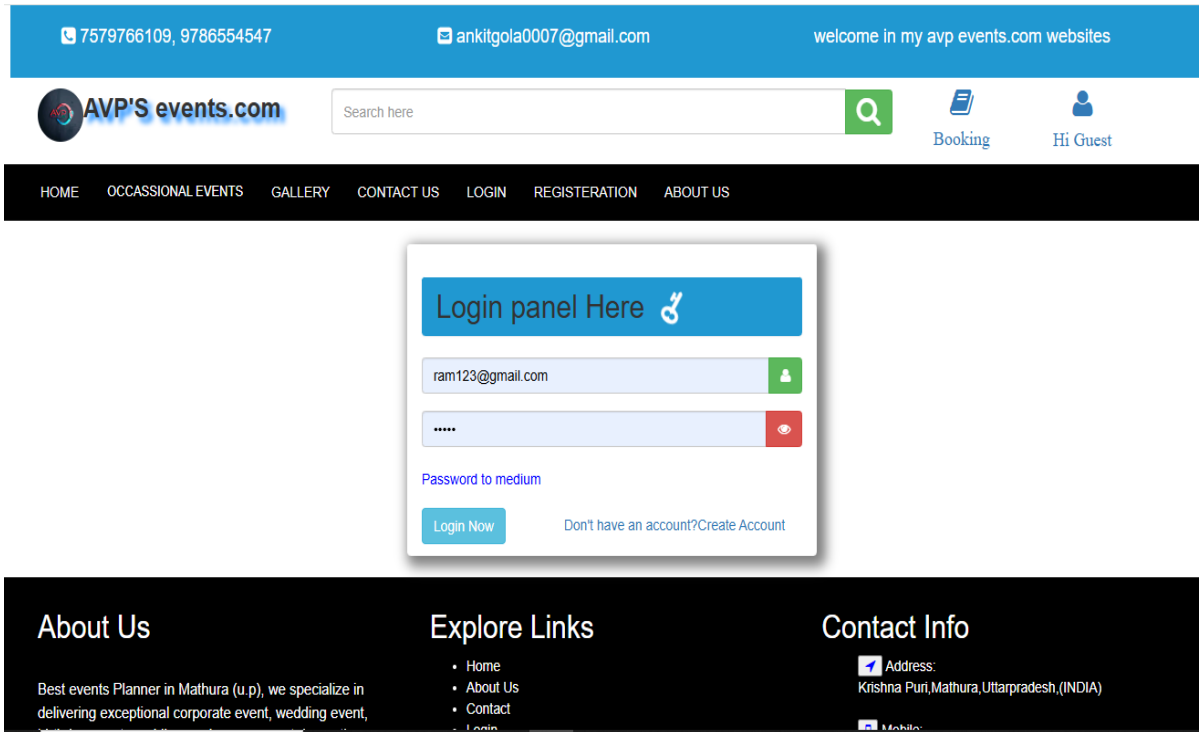
Gallery



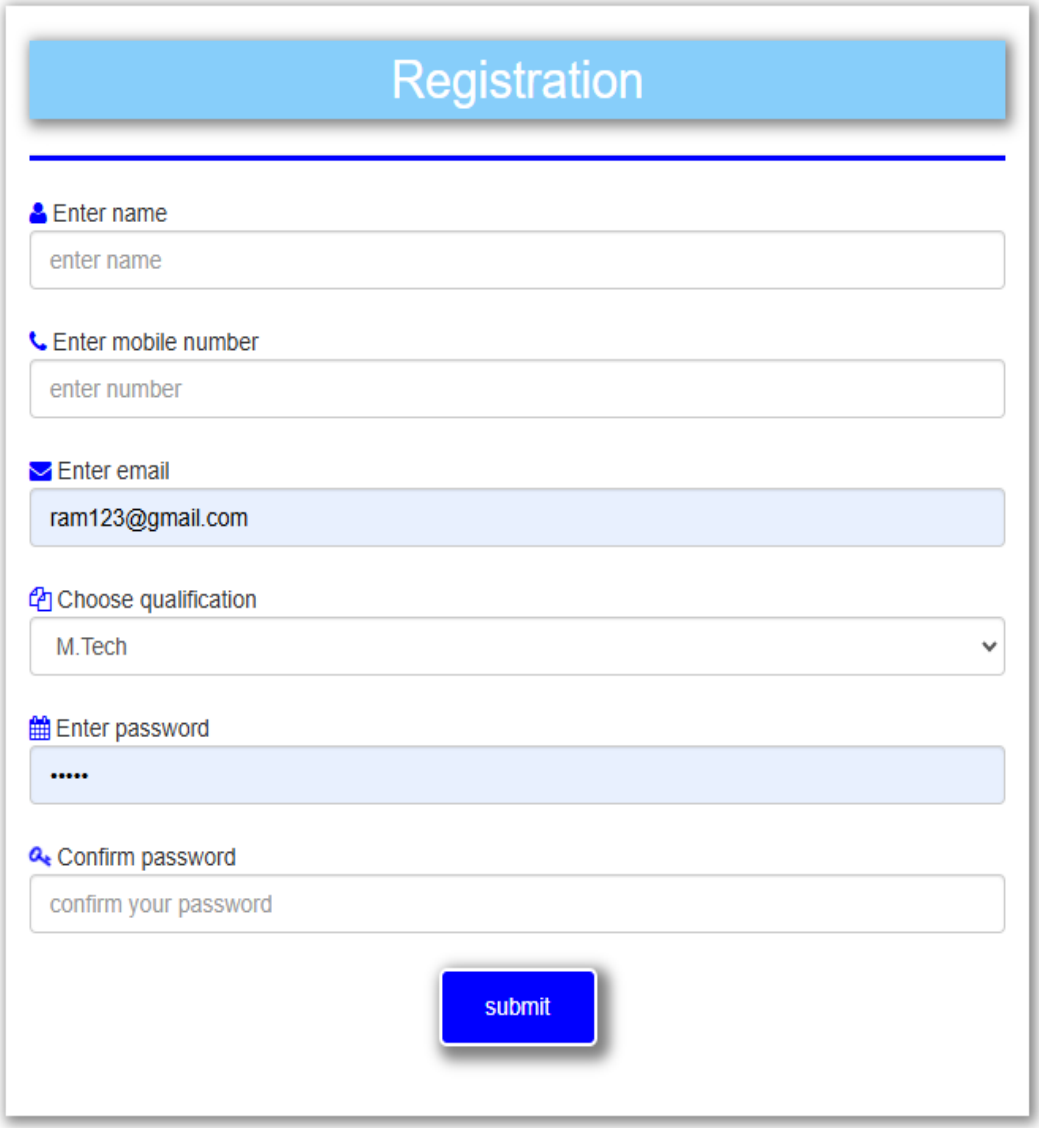
Contact Us



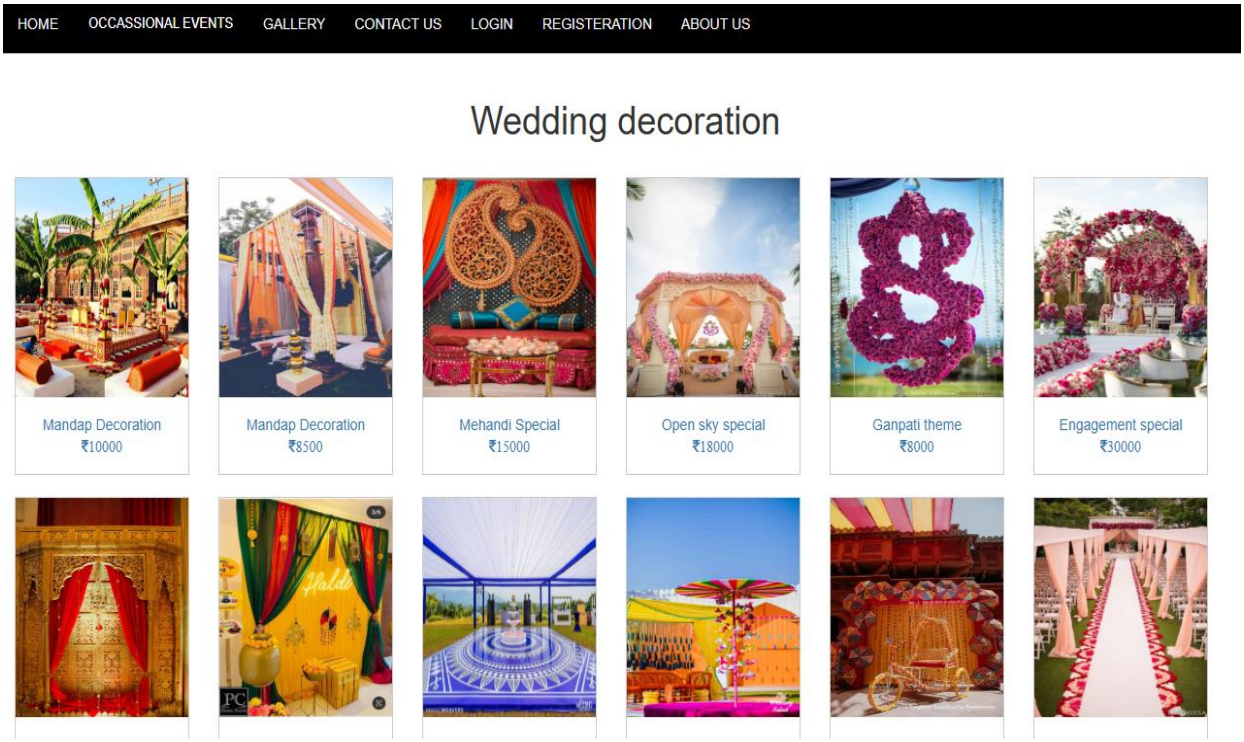
Login



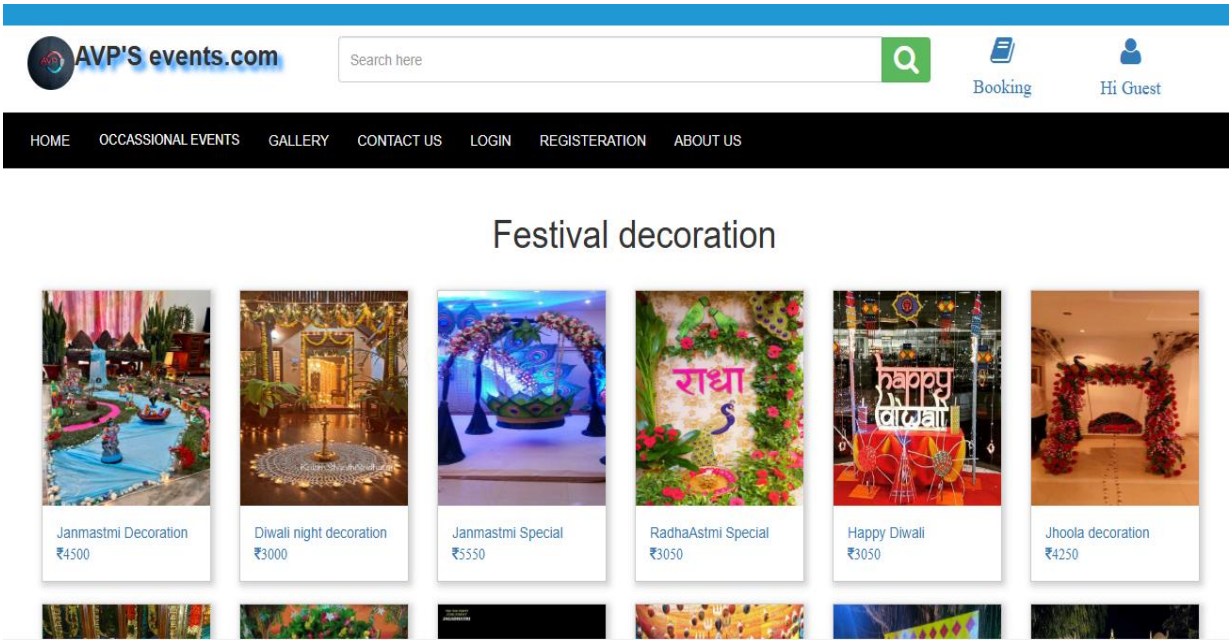
Registeration



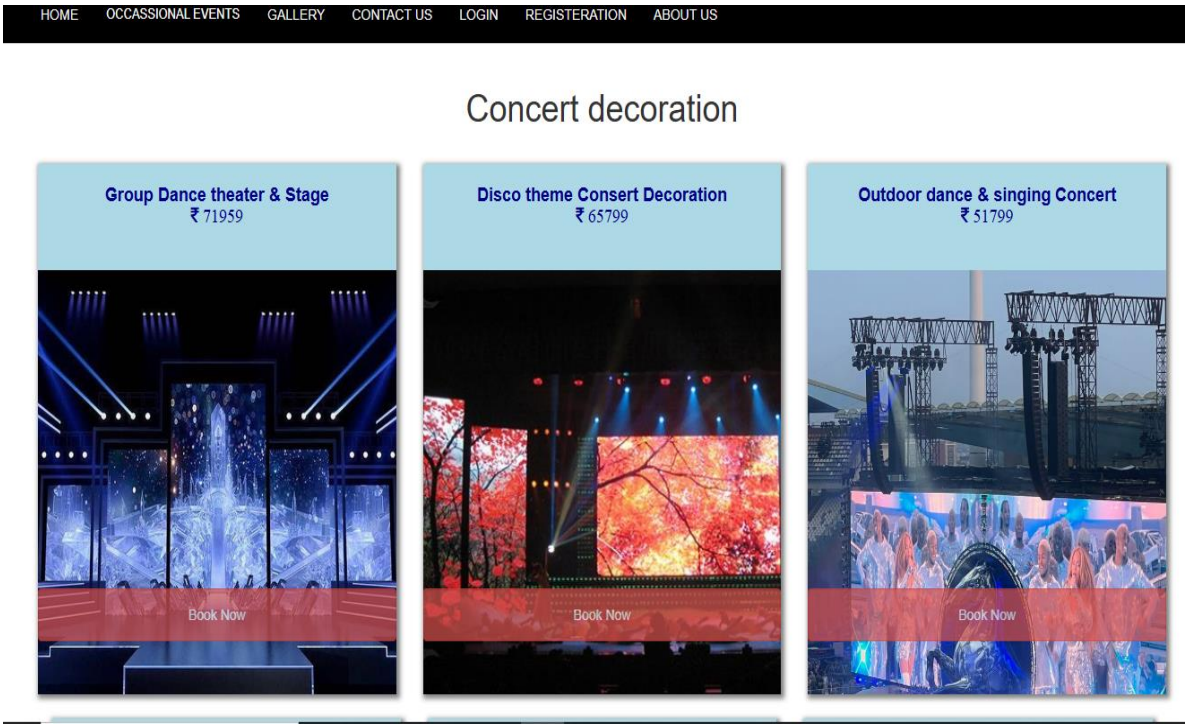
Wedding Decoration



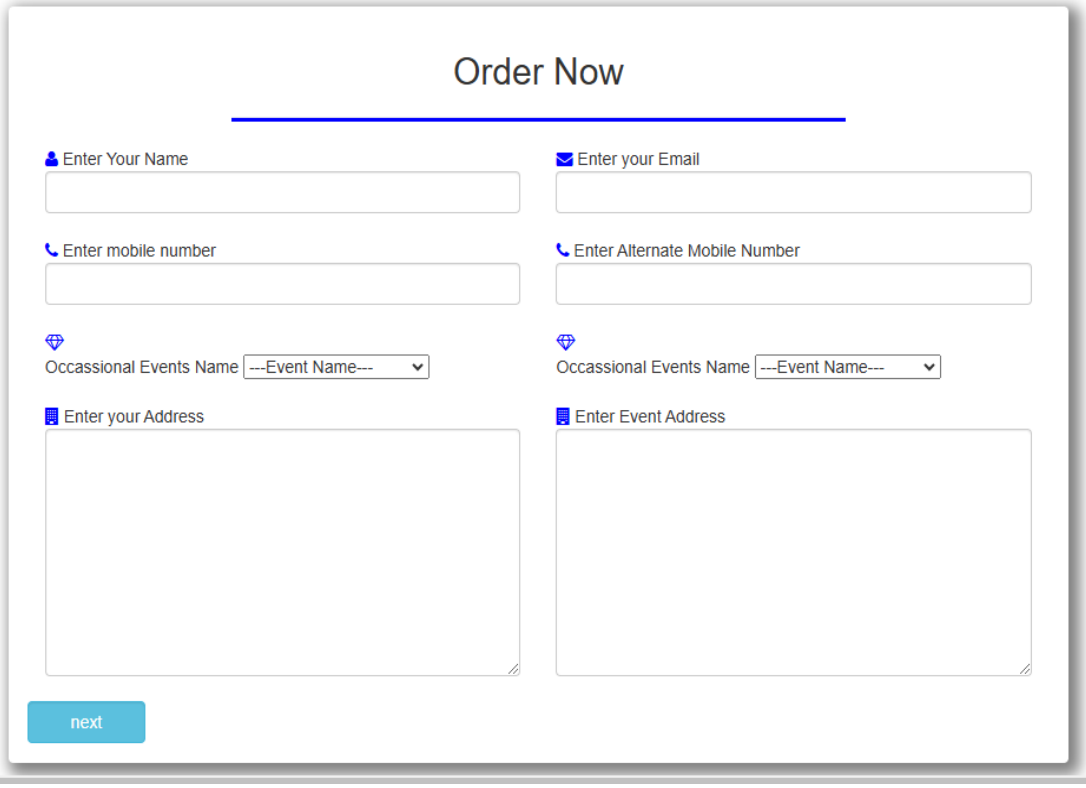
Festival Decoration



Live Concert Show Decoration



Booking page



User/Customer Login Page

Program Code

Home page

```jsp
<%@page import="java.sql.ResultSet" %>
<%@page import="mypack.DatabaseManager"  %>


<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Home</title>
        <style>
            .homelinks img:hover{
                box-shadow: 2px 2px 5px 2px #204d74;
                size: 230px;

            }

           </style>
            <script>
            </script>
    </head>
    <body>
        <div class="container-fluid">
        <%@include file="masterpage/generalheader.jsp" %>
        <div class="container-fluid">
            <div class="row">
                <div class="col-sm-12">


    <div id="myCarousel" class="carousel slide" data-ride="carousel">
  <!-- Indicators -->
  <ol class="carousel-indicators">
    <li data-target="#myCarousel" data-slide-to="0" class="active"></li>
    <li data-target="#myCarousel" data-slide-to="1"></li>
    <li data-target="#myCarousel" data-slide-to="2"></li>
    <li data-target="#myCarousel" data-slide-to="3"></li>
  </ol>

  <!-- Wrapper for slides -->
  <div class="carousel-inner">
    <div class="item active">
      <img src="1.jpg" style="height:500px; width: 100%">
    </div>
```

```
    </div>

    <div class="item">
      <img src="2.jpg" style="width:100%;height:500px">
    </div>

    <div class="item">
      <img src="3.jpg" style="height:500px; width: 100%" >
    </div>
      <div class="item">
      <img src="fest/F24.jpeg" style="height:500px;width:100%">
    </div>
  </div>

  <!-- Left and right controls -->
  <a class="left carousel-control" href="#myCarousel" data-slide="prev">
    <span class="glyphicon glyphicon-chevron-left"></span>
    <span class="sr-only">Previous</span>
  </a>
  <a class="right carousel-control" href="#myCarousel" data-slide="next">
    <span class="glyphicon glyphicon-chevron-right"></span>
    <span class="sr-only">Next</span>
</a>
</div>

    </div>
        </div>



  <div class="row">

    <div class="col-sm-12" style="margin-top:40px;">
      <div class="col-sm-3" style="box-shadow: 2px 2px 6px 2px grey; height: 480px;">
        <h3>Notification Here</h3>
                <hr style="background: navy; height: 3px;"/>
                <%
                String cmd="select * from notification order by ndate desc";
                DatabaseManager db=new DatabaseManager();
                ResultSet rs=db.DisplayRecords(cmd);
                while(rs.next())
                {
                    %>
            <marquee direction="up" onmouseover="stop()" onmouseout="start()" scrollamount="2" style="color: blue"><span class="fa fa-thumbs-o-up"></span>
              <span><%=rs.getString("message")%></span><br>
            </marquee>
                <%
                }
                %>

    </div>

      <div class="col-sm-8" style="height:500px; background: white; margin-bottom: 20px; margin-left: 30px;">
        <p style="text-align: center; font-size: 35px; margin-top: 1%; font-weight: bolder; box-shadow: 2px 2px 5px 2px gray">Ocassional Decoration</p>
        <div class="col-sm-4"><div class="wedding" style="background-image: url(11.jpeg);height: 400px; background-size:cover;"><p style="text-align:center; padding-top: 85%; font-size: 30px; font-weight: b
        <div class="col-sm-4"><div class="birthday" style="background-image: url(birthday.jpeg);height: 400px; background-size: cover"><p style="text-align:center; padding-top: 90%; font-size: 30px; font-we
        <div class="col-sm-4"><div class="Anniversary" style="background-image: url(11.jpeg);height: 400px; background-size: cover"><p style="text-align:center; padding-top: 90%; font-size: 30px; font-weigh
      </div>
  <div class="col-sm-1"></div>
    </div>
  </div>


<div class="row" >
        <div class="col-sm-12">

          <div class="homelinks">
          <a href="anniversarydeco.jsp" style="text-align: center; color: black;"><div class="col-sm-2" style=" padding-top: 20px;"><img src="Ani/A16.jpeg" style="height:200px; border:2px solid red;bord
          <a href="birthdaydeco.jsp" style="text-align: center; color: black"><div class="col-sm-2" style=" padding-top: 20px;"><img src="Birth/B18.jpeg" style="height:200px; border:2px solid red;width:
          <a href="concertdeco.jsp" style="text-align: center; color: black"><div class="col-sm-2" style=" padding-top: 20px;"><img src="CONC/CON13.jpeg" style="height:200px; border:2px solid red;border
          <a href="corporatedeco.jsp" style="text-align: center; color: black"><div class="col-sm-2" style=" padding-top: 20px;"><img src="CORP/CO14.jpeg" style="height:200px; border:2px solid red;borde
          <a href="weddingdeco.jsp" style="text-align: center; color: black"><div class="col-sm-2" style=" padding-top: 20px;"><img src="WED/W5.jpeg" style="height:200px; width: 180px; border:2px solid
          <a href="festivaldeco.jsp" style="text-align: center; color: black"><div class="col-sm-2" style=" padding-top: 20px;"><img src="Ani/A16.jpeg" style="height:200px;border:2px solid red;border-ra
          </div>
        </div>
</div>


<div class="row">
    <div class="col-sm-12">
        <div class="col-sm-1"></div>
          <div class="col-sm-10" style="height:500px; background: white; margin-bottom: 20px">
            <p style="text-align: center; font-size: 35px; margin-top: 1%;font-weight: bold">Decoration by Type</p>
            <div class="col-sm-4"><div class="wedding" style="background-image: url(11.jpeg);height: 400px;"><p style="text-align:center; padding-top: 90%; font-size: 30px; font-weight: bold">Wedding Ceremony D
            <div class="col-sm-4"><div class="birthday" style="background-image: url(birthday.jpeg);height: 400px;"  ><p style="text-align:center; padding-top: 90%; font-size: 30px; font-weight: bold">Wedding C
            <div class="col-sm-4"><div class="Anniversary" style="background-image: url(11.jpeg);height: 400px;"><p style="text-align:center; padding-top: 90%; font-size: 30px; font-weight: bold">Wedding Ceremo
          </div>
          <div class="col-sm-1"></div>
        </div>
</div>


                    <div class="row">
                        <div class="col-sm-12" style="height:550px; margin-bottom: 100px;">
```

```
                    <div class="col-sm-12" style="height:550px; margin-bottom: 100px;">
                        <div class="col-sm-4" style="height:400px">

                            <a href="birthdaydeco.jsp"><div class="col-sm-12" style=" float: left; box-shadow: 2px 2px 5px 2px gray;">
                                <img src="Birth/B1.jpeg" style="height:200px; width:150px; margin:20px">
                                <img src="Birth/B10.jpeg" style="height:200px; width:150px">
                                <img src="Birth/B13.jpeg" style="height:200px; width:150px; margin: 20px">
                                <img src="Birth/B14.jpeg" style="height:200px; width:150px">
                                <h2 style="text-align:center">Birthday Decoration</h2>
                            </div>
                        </a>
                        </div>
                        <div class="col-sm-4" height:400px;>
                            <a href="Festival.jsp"> <div class="col-sm-12" style="float:left; box-shadow: 2px 2px 5px 2px gray;">
                                <img src="fest/F1.jpeg" style="height:200px; width:150px; margin: 20px">
                                <img src="fest/F10.jpeg" style="height:200px; width:150px">
                                <img src="fest/F11.jpeg" style="height:200px; width:150px; margin: 20px">
                                <img src="fest/F12.jpeg" style="height:200px; width:150px">
                                <h2 style="text-align:center">Festival Decoration</h2>
                            </div>
                    </a>
                        </div>
                        <div class="col-sm-4" style="height:400px">
                            <a href="weddingdeco.jsp"><div class="col-sm-12" style="float:left; box-shadow: 2px 2px 5px 2px gray;">
                              <img src="WED/W1.jpeg" style="height:200px; width:150px; margin: 20px">
                                <img src="WED/W10.jpeg" style="height:200px; width:150px">
                                <img src="WED/W13.jpeg" style="height:200px; width:150px; margin: 20px">
                                <img src="WED/W14.jpeg" style="height:200px; width:150px">
                                <h2 style="text-align:center">Wedding Decoration</h2>
                                </div></a>


                        </div>
                    </div>
</div>


                <div class="row">
                    <div class="col-sm-12" style="height:550px; margin-bottom: 100px;">
                        <div class="col-sm-4" style="height:400px">

                            <a href="concertdeco.jsp"><div class="col-sm-12" style=" float: left; box-shadow: 2px 2px 5px 2px gray;">
                                <img src="CONC/CON1.jpeg" style="height:200px; width:150px; margin:20px">
                                <img src="CONC/CON10.jpeg" style="height:200px; width:150px">
                                <img src="CONC/CON12.jpeg" style="height:200px; width:150px; margin: 20px">
                                <img src="CONC/CON13.jpeg" style="height:200px; width:150px">
                                <h2 style="text-align:center">Live Concert Events</h2>
```

```
                    <div class="col-sm-4" style="height:400px">

                        <a href="concertdeco.jsp"><div class="col-sm-12" style=" float: left; box-shadow: 2px 2px 5px 2px gray;">
                            <img src="CONC/CON1.jpeg" style="height:200px; width:150px; margin:20px">
                            <img src="CONC/CON10.jpeg" style="height:200px; width:150px">
                            <img src="CONC/CON12.jpeg" style="height:200px; width:150px; margin: 20px">
                            <img src="CONC/CON13.jpeg" style="height:200px; width:150px">
                            <h2 style="text-align:center">Live Concert Eve
                        </div>
                        </a>
                    </div>
                    <div class="col-sm-4" height:400px;>
                        <a href="corporatedeco.jsp"><div class="col-sm-12
                            <img src="CORP/CO1.jpeg" style="height:200px; width:150px; margin: 20px">
                            <img src="CORP/CO10.jpeg" style="height:200px; width:150px">
                            <img src="CORP/CO11.jpeg" style="height:200px; width:150px; margin: 20px">
                            <img src="CORP/CO12.jpeg" style="height:200px; width:150px">
                            <h2 style="text-align:center">Corporate Events</h2>
                </div></a>
                    </div>
                    <div class="col-sm-4" style="height:400px">
                        <a href="anniversarydeco.jsp"><div class="col-sm-12" style="float:left; box-shadow: 2px 2px 5px 2px gray;">
                          <img src="Ani/A1.jpeg" style="height:200px; width:150px; margin: 20px">
                            <img src="Ani/A10.jpeg" style="height:200px; width:150px">
                            <img src="Ani/A13.jpeg" style="height:200px; width:150px; margin: 20px">
                            <img src="Ani/A14.jpeg" style="height:200px; width:150px">
                            <h2 style="text-align:center">Wedding Anniversary</h2>
                            </div></a>

                    </div>
                    </div>
                </div>

    </div>
            <%@include file="masterpage/generalfooter.jsp" %>
    </div>
  </body>
</html>
```

Specifies the width of the content area, padding area or border area (depending on 'box-sizing') of certain boxes.

(Edge 12, Firefox 1, Safari 1, Chrome 1, IE 4, Opera 3)

Syntax: auto | <length> | <percentage> | min-content | max-content | fit-content | fit-content(<length-percentage>)

MDN Reference

Registeration Page

```jsp
<%@page import="mypack.DatabaseManager" %>
<%@page import="java.util.Date" %>
<%@page import="java.text.SimpleDateFormat" %>
<%

    if(request.getParameter("btnsave")!=null)
    {
        String name=request.getParameter("txtname");
        String mobile=request.getParameter("txtmobile");
        String email=request.getParameter("txtemail");
        String qualification=request.getParameter("ddlqualification");
        String pass=request.getParameter("txtpass");
        String cpass=request.getParameter("txtpass1");
        SimpleDateFormat sm=new SimpleDateFormat();
        String dt=sm.format(new Date());
        if(pass.equals(cpass))
        {
            String cmd1="insert into resister values('"+name+"','"+mobile+"','"+email+"','"+qualification+"','"+pass+"','"+dt+"','yes')";
            String cmd2="insert into login values('"+email+"','"+pass+"','utype','yes')";
            DatabaseManager db=new DatabaseManager();
            if(db.Insert_Update_Delete(cmd1)&& db.Insert_Update_Delete(cmd2))
                out.print("<script>alert('Registeration done successfully')</script>");
            else
                out.print("<script>alert('Unable to resister')</script>");
        }
        else{
            out.print("<script>alert('password and confirm password not match')</script>");
        }
    }
%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Registeration page</title>
        <link href="css/bootstrap.min.css" rel="stylesheet">
        <link href="css/font-awesome.min.css" rel="stylesheet">
        <script src="js/jquery.js"></script>
        <script src="js/bootstrap.min.js"></script>


    </head>
    <body>
        <div class="container-fluid">
        <%@include file="masterpage/generalheader.jsp" %>

            <div class="row">
                <div class="col-sm-12" style="margin-top: 50px;padding:2%" >
                    <div class="col-sm-3"></div>
                    <div class="col-sm-6" style="box-shadow:2px 2px 8px 2px gray; background: white">
                        <h1 style="box-shadow:2px 2px 8px 2px gray;background:lightskyblue;font-size: 30px;text-align: center;padding: 1%;color: white">  Registration</
                        <hr style="height: 3px; width:100%; background: blue">
                        <form action="registeration.jsp" method="post">
                         <div class="fa fa-user"style="color:blue"></div>
                        Enter name
                        <input class="form-control" type="text" placeholder="enter name" name="txtname">
                        <br>
                        <div class="fa fa-phone"style="color:blue"></div>
                        Enter mobile number
                        <input class="form-control" type="number" placeholder="enter number" name="txtmobile">
                        <br>
                         <div class="fa fa-envelope" style="color: blue"></div>
                        Enter email
                        <input class="form-control" type="text" placeholder="enter email" name="txtemail">
                        <br>
                        <div class="fa fa-copy" style="color: blue"></div>
                        Choose qualification
                        <select name="ddlqualification" class="form-control">
                            <option>M.Tech</option>
                            <option>B.tech</option>
                            <option>B.CA</option>
                            <option>Diploma</option>
                        </select>
                          <br>
                            <div class="fa fa-calendar"style="color:blue"></div>

                        Enter password
                        <input type="password" class="form-control" placeholder="enter password" name="txtpass">
                        <br>
                        <div class="fa fa-key fa-spin"style="color:blue"></div>
                        Confirm password
                        <input type="password" class="form-control" placeholder="confirm your password" name="txtpass1">
                        <br>
                        <center><input type="submit" name="btnsave" id="btnsave" value="submit" style="height: 45px;width:100px;box-shadow:4px 4px 8px  4px gray;background:
                    <br>
                    <br>
```

```
                    </form>
                </div>
                    <div class="col-sm-3"></div>
                </div>
                </div>

            <%@include file="masterpage/generalfooter.jsp" %>
            </div>
        </body>
    </html>
```

Login Page

```
<%@page  import="java.sql.ResultSet" %>
<%@page import="mypack.DatabaseManager" %>
<%
    String id =request.getParameter("btnlogin");
    if(id!=null)
    {
        String my_type="";
        String userid=request.getParameter("txtid");
        String pass=request.getParameter("txtpass");
        String cmd="select * from login where userid='"+userid+"' and password='"+pass+"' and status='yes'";
       DatabaseManager db=new DatabaseManager();
       ResultSet rs=db.DisplayRecords(cmd);
       if(rs.next())
       {
           my_type=rs.getString("type");
           if(my_type.equals("utype"))
           {
               session.setAttribute("uid", userid);
               response.sendRedirect("userzone/Dashboard.jsp");
           }
           else if(my_type.equals("atype"))
           {
               session.setAttribute("aid", userid);
               response.sendRedirect("Adminzone/Dashboard.jsp");


           }
           else{
               response.sendRedirect("login.jsp");
           }
       }
    }
%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>My Login panel</title>
        <link href="css/bootstrap.min.css" rel="stylesheet">
        <link href="css/font-awesome.min.css" rel="stylesheet">
        <script src="js/jquery.js"></script>
        <script src="js/bootstrap.min.js"></script>
```

```
        <style>
            .input-group{
                margin-top: 4%;
            }
            .sub{
                margin-top: 4%;
            }
        </style>
        <script>
            function hide(){
                sp2.style.display="none";
            }
            function show1()
            {
               var pswd=document.getElementById("txtpass").type;
               if( pswd=='password')
               {
               document.getElementById("txtpass").type="text";
               document.getElementById("sp2").style.display="block";
               document.getElementById("sp1").style.display="none";
            }
            }
            function show2()
            {
            var pas=txtpass.type;  //text
            if(pas=='text')
            {
                txtpass.type="password";
                sp1.style.display="block";
                sp2.style.display="none";
            }
            }
            function validpass()
            {
                var pass=txtpass.value;
                var psw=pass.length;
                if(psw>0 && psw<=4)
                {
                {
                    sppass.style.color="red";
                    sppass.innerText="Password to short";
                }else if(psw>=5 && psw<=8)
                {
                    sppass.style.color="blue";
                    sppass.innerText="Password to medium";
                }else
                {
                    sppass.style.color="green";
                    sppass.innerText="Password to strong";
                }
            }
            </script>
    </head>
    <body onload="hide()">
        <div class="container-fluid">
        <%@include file="masterpage/generalheader.jsp" %>
            <div class="row">
                    <div class="col-sm-4 "></div>
                    <div class="col-sm-4 panel panel-heading" style="box-shadow: 5px 5px 12px 5px gray; ">
                        <h2 class="panel panel-heading" style="background: #2098d1;">Login panel Here<span class="fa fa-key fa-spin" style="font-size:30px; color: White;
                        <form action="login.jsp" methtod="post">
                            <div class="input-group">
                                <input type="text" placeholder="Enter User id" class="form-control" id="txtid" name="txtid">
                                <div class="input-group-btn">
                                    <button class="btn btn-success" type="button">
                                        <span class="fa fa-user"></span>
                                    </button>
                    </div>
                                </div>
                                <div class="input-group">
                                    <input type="password" class="form-control" id="txtpass" name="txtpass" placeholder="Enter password here" onkeyup="validpass()">
                                    <div class="input-group-btn">
                                        <button class="btn btn-danger" type="button">
                                            <span class="fa fa-eye" id="sp1" onclick="show1()"></span>
                                                <span class="fa fa-eye-slash" id="sp2" onclick="show2()"></span>
                                                </button>
```

```
                                                </button>
                                            </div>
                                        </div><br>
                                        <span id="sppass">*</span>
                                        <div class="sub">
                                            <input type="submit" value="Login Now" name="btnlogin" class="btn btn-info">
                                            <a href="registeration.jsp"><span style="margin-left: 60px; cursor: pointer;">Don't have an account?Create Account</span></a>
                                        </div>
                                    </form>
                </div>
                        <div class="col-sm-4"></div>
                        </div>

                <%@include file="masterpage/generalfooter.jsp" %>
                </div>
            </body>
        </html>

```

Contact Us

```
<%@page import="mypack.DatabaseManager" %>
<%
DatabaseManager db=new DatabaseManager();
out.print(db.getCon());
%>
<%@page import="java.util.Date" %>
<%@page import="java.text.SimpleDateFormat" %>
<%
    if(request.getParameter("btncontact")!=null)
    {
        String name=request.getParameter("txtname");
        String email=request.getParameter("txtemail");
        String mobile=request.getParameter("txtmobile");
        String msg=request.getParameter("txtmsg");
        SimpleDateFormat sm=new SimpleDateFormat();
        String dt=sm.format(new Date());

        DatabaseManager db1=new DatabaseManager();
        String cmd="insert into contact(name,email,mobile,msg,cdate) values('"+name+"','"+email+"','"+mobile+"','"+msg+"','"+dt+"')";
                if(db1.Insert_Update_Delete(cmd))
                    out.print("<script>alert('Enquiry Successfully done')</script>");
                else
                    out.print("<script>alert('Error')</script>");
    }
%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>

<html>
    <head>
        <title>Title</title>
        <style>
            .col-sm-6{
                padding: 2%;

            }
            .col-sm-8{
                padding: 3%;
                box-shadow: 5px 5px 12px 5px gray; margin: 2%;
            }
            .form-control{
                margin: 1%;
            }
```

```
        h3{
            font-size: 20px; text-align: center; font-weight: bold;
        }

        </style>
        <script>
            function validation()
            {
                var name=txtName.value;
                var email=txtEmail.value;
                alert(email);
                var mobile=txtMobile.value;
                var mob=mobile.length;

                if(name!="" && name!=null && email!="" && email!=null && mobile!="" && mobile!=null)
                {
                    if(mob==10)
                    {
                    return true;

            }else{
                    spMobile.innerText="Please enter 10 digit number";
                    spMobile.style.color="red";
                    return false;
                }
                }else
                {
                    spName.innerText="Please Enter Name";
                    spEmail.innerText="Please Enter Email";
                    spMobile.innerText="Please Enter Mobile Number";
                    spName.style.color="red";
                    spEmail.style.color="red";
                    spMobile.style.color="red";
                return false;
                }
            }
            </script>
    </head>
```

```
    <body>
        <div class="container-fluid">
         <%@include file="masterpage/generalheader.jsp" %>

         <div class="row">
              <div class="col-sm-1"></div>
             <div class="col-sm-10" style="box-shadow: 5px 5px 12px 5px gray; margin-bottom: 100px;">
                 <h3>Contact panel here</h3>
                 <hr style="height: 3px; background: forestgreen; width: 50%;">
                 <form action="contactus.jsp" method="post" onsubmit="return validation()">
                     <div class="col-sm-6">
                         Enter Name
                         <input type="text" name="txtname" id="txtName" class="form-control">
                         <span id="spName">***</span><br>
                         Enter E-mail
                         <input type="email" id="txtEmail" name="txtemail" class="form-control">
                         <span id="spEmail">***</span><br>
                         Enter Mobile Number
                         <input type="text" id="txtMobile" name="txtmobile" class="form-control">
                         <span id="spMobile">***</span>
                     </div>
                     <div class="col-sm-6">
                         Enter Description
                         <textarea class="form-control" id="txtmsg" name="txtmsg" style="height: 160px"></textarea>
                         <span id="spmsg"></span>
                     </div>
                     <br>
                     <input type="submit" class="btn btn-info form-control" name="btncontact" value="Enquiry Now">
                 </form>
             </div>
              <div class="col-sm-1"></div>
         </div>

         <%@include file="masterpage/generalfooter.jsp" %>
         </div>
    </body>
</html>
```

Gallery Page

```
<%@page import="java.sql.ResultSet" %>
<%@page import="mypack.DatabaseManager" %>


<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Gallery Page</title>
        <link href="css/bootstrap.min.css" rel="stylesheet">
        <link href="css/font-awesome.min.css" rel="stylesheet">
        <script src="js/jquery.js"></script>
        <script src="js/bootstrap.min.js"></script>
        <style>
            .img1{
          float: left;
          margin:30px;
        }
        .img{
            height:150px;
          width:150px;
          box-shadow: 4px 4px 8px 4px grey;
          margin-left: 45px;
          margin-top: 25px;
          border-radius: 10%;
        }

    .img:hover{   transition: 1s;
                transform: translateY(-30px) scale(1.5);
                box-shadow: 4px 4px 8px 4px lightsteelblue;
}
        </style>
    </head>
    <body>
         <div class="container-fluid">
         <%@include file="masterpage/generalheader.jsp" %>
         <div class="row">
         <div class="col-sm-12">
             <div class="col-sm-1"></div>
             <div class="col-sm-10">
                 <%
                 String cmd="select * from events";
```

```
                String cmd="select * from events";
                DatabaseManager db=new DatabaseManager();
                ResultSet rs=db.DisplayRecords(cmd);
                while(rs.next())
                {
                    %>
                    <div class="col-sm-3">
                        <img src="Event/<%=rs.getString("photo")%>" style="height: 200px;width: 100%" class="img-responsive img-thumbnail">
                        <h4 class="text-capitalize" style="font-family: serif"><%=rs.getString("name")%></h4>
                    </div>
                    <%
                }
                %>
            </div>
            <div class="col-sm-1"></div>
        </div>
            </div>
                <%@include file="masterpage/generalfooter.jsp" %>
        </div>
    </body>
</html>
```

About Us Page

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
        <link href="css/bootstrap.min.css" rel="stylesheet">
        <link href="css/font-awesome.min.css" rel="stylesheet">
        <script src="js/jquery.js"></script>
        <script src="js/bootstrap.min.js"></script>
                <style>
   body {
  font-family: Arial, Helvetica, sans-serif;
  margin: 0px;
}

html {
  box-sizing: border-box;
}

*, *:before, *:after {
  box-sizing: inherit;
}

.column {
  float: left;
  width: 33.3%;
  margin-bottom: 16px;
  padding: 0 8px;
}

.card {
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
  margin: 8px;
}
.mag{
    text-align: center;
}
.about-section {
  padding: 50px;
  text-align: center;
  background-color: #474e5d;
  color: white;
```

```
45
46  .container {
47    padding: 0 16px;
48  }
49
50  .container::after, .row::after {
51    content: "";
52    clear: both;
53    display: table;
54  }
55
56  .title {
57    color: grey;
58  }
59  .button{
60     margin: 4px;
61     width: 200px;
62  }
63
64
65
66  @media screen and (max-width: 650px) {
67    .column {
68      width: 100%;
69      display: block;
70    }
71  }
72   </style>
73      </head>
74      <body>
75           <div class="container-fluid">
76           <%@include file="masterpage/generalheader.jsp" %>
77
78              <h2 style="text-align:center">Our Team</h2>
79  <div class="row">
80      <div class="col-sm-12" style="margin-bottom: 2%;box-shadow: 5px 5px 12px 5px">
81    <div class="col-sm-3">
82      <div class="card">
83        <img src="Ankit_1.jpg" alt="ankit" style="width:100%; height: 300px; border-radius: 50%">
```

```
      <div class="mag">
      <h2>Ankit Kumar</h2>
        <p class="title">CEO & Founder</p>
        <p>senior developer and have 5 years of experience.</p>
        <p>ankitgola0007@example.com</p>
        <p><button class="button">See More about</button></p>
      </div>
    </div>
    </div>
        <div class="col-sm-3">
    <div class="card">
      <img src="Ankit_1.jpg" alt="ankit" style="width:100%; height: 300px; border-radius: 50%">
      <div class="mag">
      <h2>Saloni singh</h2>
        <p class="title">Team Mentor</p>
        <p>Assistant senior developer and have 3 years of experience.</p>
        <p>salonisingh0007@example.com</p>
        <p><button class="button">See More about</button></p>
      </div>
    </div>
    </div>
  <div class="col-sm-3">
    <div class="card">
      <img src="priyanshi.jpg" alt="Priyanshi" style="width:100%; height:300px; border-radius: 50%;">
      <div class="mag">
      <h2>Priyanshi Kumari</h2>
        <p class="title">Art Director</p>
        <p>Designer have 2 yrs of experience</p>
        <p>priyanshi@example.com</p>
        <p><button class="button">See more about</button></p>
      </div>
    </div>
  </div>

  <div class="col-sm-3">
    <div class="card">
      <img src="vishnu.jpg" alt="Vishnu Sen" style="width:100%; height: 300px; border-radius: 50%;">
      <div class="mag">

      <div class="mag">
      <h2>vishnu Sen</h2>
        <p class="title">Junior Designer</p>
        <p>fresher .</p>
        <p>vishnu123@example.com</p>
        <p><button class="button">See more about</button></p>
      </div>
    </div>
  </div>
    </div>
</div>
            <div class="row">
              <div class="col-sm-12" style="margin-bottom: 2%">
    <div class="about-section">
  <h1>About Us</h1>
  <p>As an ISO 9001:2015 Certified company, Best events Planner in Mathura (u.p), we specialize in delivering exceptional corporate event, wedding event,
    </div>
        </div>
        </div>


<%@include file="masterpage/generalfooter.jsp" %>
    </div>
    </body>
</html>
```

Future Scope

Following modification or upgrades can be done in system.

1. More than one User can be integrated through this software.
2. User can check their application status online.

CONCLUSION:

At last it can be concluded that the AVP'S Events.com projetc was a real learning experience. The principles of software production were well implemented throughout the system. The whole project undergoes with full of enthusiasm and with full of joyous moments. The project has been made as per as the given specification. Working on the Project was really a learning experience and we have come a long way in building our concepts of Software engineering.

The "AVP'S Events.com " an event decoration website that is developed by us is purely based on JAVA . The overall purpose of this system is to computerized the whole process and thus prevent the intervening errors. During the course of this assignment we have gone through many obstacles which made us to research and though increased our knowledge. After applying all the data modeling, object modeling and process modeling techniques now we are very well clear with all these concepts and fundamentals which will be going to help us in the future.