INTRODUCTION TO PROJECT

• INTRODUCTION

The matrimonial site is a platform where users can find their lifelong partners. The users may register themselves, fill in their interests and view a list of other profiles with matching interests.

The main advantage of this application is that it facilitates easy interaction between people looking to get married. The user needs to register and verify themselves before using the website. The verification will be simple yet effective. The main objective of the Matrimonial site is to provide the bride and groom with an excellent matchmaking experience by exploring the opportunities and resources to meet a true potential partner. the content with your own material. Your introduction should clearly identify the subject area of interest.

It helps the user by specifying profile for a prospective Bride or Groom and all the other information online.Any user can get every information about their life partner at his/her home at their convenience.

The portal will enable the user to search according to their own certain criteria of qualities as the portal will provide them with a search utility function. Our website will allow the new users to register as it will be a user-friendly site and when successfully registering themselves, they will get a confirmation for same.

• EXISTING SYSTEM

- In the current system all work are done manually.
- A wastage of time to find out how many order are placed.
- A In manual system generating reports for particular types of data based on some condition is time consuming task.
- Searching facility is not provided in a system.
- Time and money is not save in a system.

• NEED AND SCOPE OF COMPUTER SYSTEM

▪ NEEDS

1)Routine job handling :

The routine classical and stenotype jobs calculating and formality bits, salaries, updating stocks, tax return, reservation records and information.

2)Electronic money:

Automic tellers machine (ATM) is very common in banks. You can deposit and withdraw money with the ATM.

3)Industrial Application:

It plays an important role in production control. It is bringing efficiency it trade and industry.

4)Telephones:

With help computerized telephone through satellites STD and IST services have been introduced. It maintains the record of calls and does the billing for you.

5)Scientific research:

In every science, the research work becomes economical from time, energy, money point of new. A large data is analyzed very quickly.

6)Communications:

The computer is used for sending message example printer, FAX, e-mail, Internet. The import and export work is done on internet.

7)Education:

The computer is widely used in the field of education and independent study field of computer science has developed which is popular these days. At every stage computer is compulsory.

- ## SCOPE OF COMPUTER

1) Access to expert and respected peers.

2) One to One and much communication.

3) Active learner participations.

4) Linking of new learning to concrete on the job problems.

5) Follow up, feedback and implementation support from pears or experts.

6) Self direction control over stop or start, time, pace and place of learning or communication activity.

• ORGANIZATION PROFILE

Ocean Infotech is an offshore software development company, serving in the industry since six years, employs a team of IT outsourcing and business professionals. We have obtained unique experience and built a very strong team of offshore web and software developers and managers. We have core expertise on LAMP, PHP, ASP and .NET,AJAX platform. Ocean Infotech Pvt. Ltd. is committed to innovative cutting-edge I.T. solutions. Managed by young professionals having varied experience, it is a focused group of technocrats whose primary objective is to provide high quality appropriate technology solutions at competitive price.

Fusion is proactively working on emerging technologies to provide the “right” solutions to meet your current, as well as future needs. Ocean has shown a consistent record of dynamic growth since its inception and is today a multi-location Company. Ocean is a technology intensive corporation geared to deliver state-of-the-art solutions in areas of integrated business solutions, product development, Internet / Intranet applications, e-commerce / m-commerce services. Ocean emphasizes a strong belief in people, entrepreneurship, customer orientation, and the pursuit of excellence.

This has resulted in the creation of an internal culture where new ideas are constantly nurtured and acted upon, and new competencies developed, enabling Fusion to be a IT courtesy of yours esteemed organisation. Ocean works as a network/team. We are truly dedicated in web-development and software development. Our mission is to fulfill our client's needs. Ocean’s ideas and products have resulted in technology-intensive transformations that have met the most stringent of quality standards, which add values to your existing business at competitive rates.

Ocean offers high value services that assist companies to compete in a constantly changing environment. Our professional staff works closely with companies to identify opportunities for improving business processes, quality, and business efficiency. Fusion will manage your project, act as liaison between your thoughts and your company goals and ensure that the outcome matches your needs and expectations. By careful analysis and alignment of your needs and strategic business goals, Fusion is able to maximize benefits and the return on your investment.

We offer a broad range of IT consulting and custom programming services. We have significant experience satisfying the most special technical needs of our customers. We understand the importance of a balanced technical design. We apply the appropriate level of technology to each project, keeping smaller projects simple and larger projectsrobust. Our clients represent a broad cross-section of businesses. We are very proud of the relationships we have built, and we have earned them through listening, learning, and communicating with our clients .

For businesses, one size does not fit all... That's the whole idea behind Ocean's approach to custom software development. Every business has its own business model, culture and needs. Thus Ocean can create a software solution specifically for your business needs. We employ the latest project management techniques and software engineering practices to ensure the timely, error-free delivery of software applications that are highly scalable without loss of performance. Our dedication to quality and excellence allows the creation of software with high levels of security. Let Fusion to be a IT courtesy for your business.

PROPOSED SYSTEM

The proposed system for your matrimonial website project! A well-designed system can greatly enhance the user experience and functionality of the website. Here are a few components you might consider including:

1. User registration and profile creation: Allow users to create accounts and build detailed profiles with information such as personal details, preferences, and photos.

2. Search and matchmaking: Implement a robust search and matchmaking system that allows users to search for potential matches based on various criteria like age, location, interests, and more.

3. Communication features: Provide users with messaging or chat functionalities to interact with each other and get to know their potential matches better.

4. Privacy and security measures: Implement strong privacy and security measures to protect user data and ensure the safety of users on the platform.

5. Advanced algorithms: Incorporate advanced algorithms to improve the accuracy of match recommendations and increase the chances of successful matches.

6. Mobile-friendly design: Make sure the website is responsive and accessible on mobile devices to cater to the growing number of users accessing the internet through smartphones.

7. Feedback and rating system: Allow users to provide feedback and rate their experiences with other users, helping to build a trustworthy community.

8. Admin panel: Develop an admin panel to manage user accounts, handle reported profiles, and monitor the overall functioning of the website.

• OBJECTIVES OF PROJECT

- Matrimonial website which will provide platform to a lot of Bride/Groom for finding perfect match.

- There are different sectors like Registration, Partner Search, etc. So the Bride/Groom can get their interest for find their partner. Bride/Groom can directly search Partner according to their required criteria.

- The Bride/Groom can use match By Email functionality so he/she can get directly E-mail alert for the match which fulfill their required criteria.

- User can get information regarding their dream life partner at his/her home at his/her convenience.

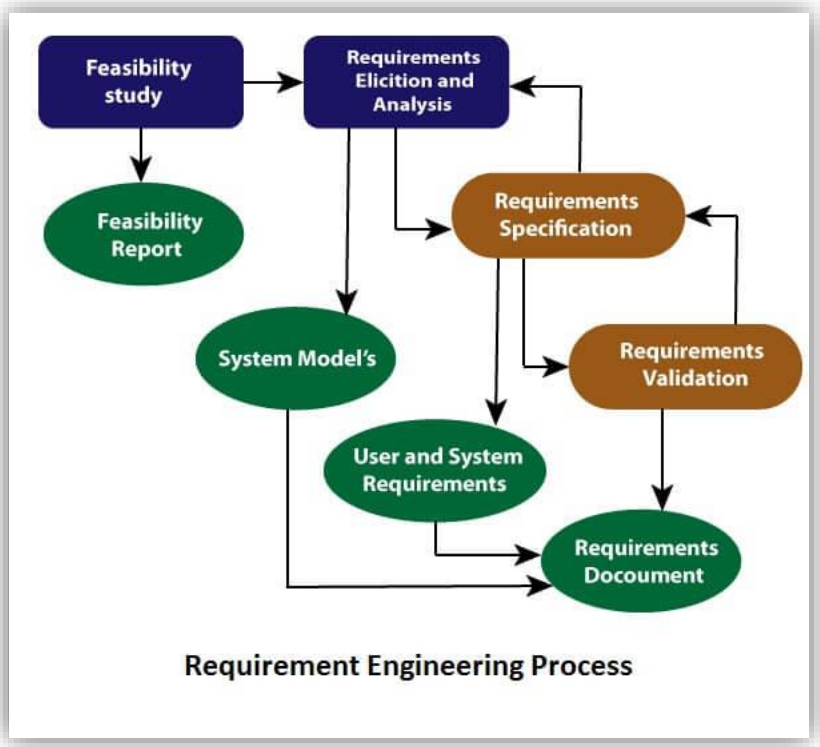
- The main objective of Matrimonial site is to provide grooms and brides an excellent matchmaking involvement exploring the favorable circumstances and resources to meet their true potential partners.

- Matrimonial Web Application will allow a new user to register and after successfully registration user can get email confirmation, after completing registration users profile will be visible to other users.

- **REQUIREMENT ENGINEERING**

Requirements engineering (RE) refers to the process of defining, documenting, and maintaining requirements in the engineering design process. Requirement engineering provides the appropriate mechanism to understand what the customer desires, analyzing the need, and assessing feasibility, negotiating a reasonable solution, specifying the solution clearly, validating the specifications and managing the requirements as they are transformed into a working system. Thus, requirement engineering is the disciplined application of proven principles, methods, tools, and notation to describe a proposed system's intended behavior and its associated constraints.

Requirement Engineering Process



Requirement Engineering Process

1. Feasibility Study

The feasibility study mainly concentrates on below five mentioned areas below. Among these Economic Feasibility Study is the most important part of the feasibility analysis and the Legal Feasibility Study is less considered feasibility analysis.

2. Requirements Elicitation

It is related to the various ways used to gain knowledge about the project domain and requirements. The various sources of domain knowledge include customers, business manuals, the existing software of the same type, standards, and other stakeholders of the project. The techniques used for requirements elicitation include interviews, brainstorming, task analysis, Delphi technique, prototyping, etc.

3. Requirements Specification

This activity is used to produce formal software requirement models. All the requirements including the functional as well as the non-functional requirements and the constraints are specified by these models in totality. During specification, more knowledge about the problem may be required which can again trigger the elicitation process. The models used at this stage include ER diagrams, data flow diagrams(DFDs), function decomposition diagrams(FDDs), data dictionaries, etc.

4. Requirements Verification and Validation

Verification: It refers to the set of tasks that ensures that the software correctly implements a specific function.

Validation: It refers to a different set of tasks that ensures that the software that has been built is traceable to customer requirements.

5. Requirements Management

Requirement management is the process of analyzing, documenting, tracking, prioritizing, and agreeing on the requirement and controlling the communication with relevant stakeholders. This stage takes care of the changing nature of requirements.

• REQUIREMENT GATHERING

Requirement gathering for a matrimonial site involves understanding the needs and preferences of users to design a platform that facilitates successful matches. Here are steps to gather requirements effectively:

- **User Interviews and Surveys:** Conduct interviews and surveys with potential users to understand their demographics, preferences, expectations, and pain points in using matrimonial sites.

- **Market Research:** Analyze existing matrimonial sites to identify common features, trends, and areas for improvement. Consider both local and global competitors to understand the market landscape.

- **Personal Development:** Create user personas representing different segments of your target audience, such as age groups, cultural backgrounds, and relationship goals. This helps in prioritizing features and designing a user-centric platform.

- **Feature Prioritization:** Prioritize features based on user needs and business goals. Common features include user profiles, search filters, messaging systems, privacy controls, match recommendations, and verification mechanisms.

- **Feedback Mechanisms:** Implement feedback mechanisms such as feedback forms, ratings, and reviews to continuously gather user feedback and iterate on the platform based on user input.

Main Requirements Gathering Subprocesses:

Requirements gathering is a critical phase in the software development lifecycle, and it involves several subprocesses to ensure a comprehensive understanding of the project's needs. The main subprocesses include:

- **Stakeholder Identification:**
  Objective: Identify all stakeholders who will be affected by the system, directly or indirectly.
  Process: Conduct interviews, surveys, or workshops to determine the key individuals or groups involved.
- **Stakeholder Analysis:**
  Objective: Understand the needs, expectations, and influence of each stakeholder.
  Process: Analyze stakeholder inputs to prioritize requirements and manage conflicting interests.
- **Problem Definition:**
  Objective: Clearly define the problems or opportunities that the software system aims to address.
  Process: Engage stakeholders in discussions to uncover and articulate the core problems or opportunities.
- **Requirements Extraction:**
  Objective: Gather detailed requirements by interacting with stakeholders.
  Process: Employ techniques such as interviews, surveys, observations, or brainstorming sessions to extract requirements.
- **Requirements Documentation:**
  Objective: Document gathered requirements in a structured format.
  Process: Create requirements documents, use cases, user stories, or prototypes to capture and communicate requirements effectively.
- **Validation and Verification:**
  Objective: Ensure that gathered requirements are accurate, complete, and consistent.
  Process: Conduct reviews, walkthroughs, or use validation tools to verify that the requirements meet the defined criteria.

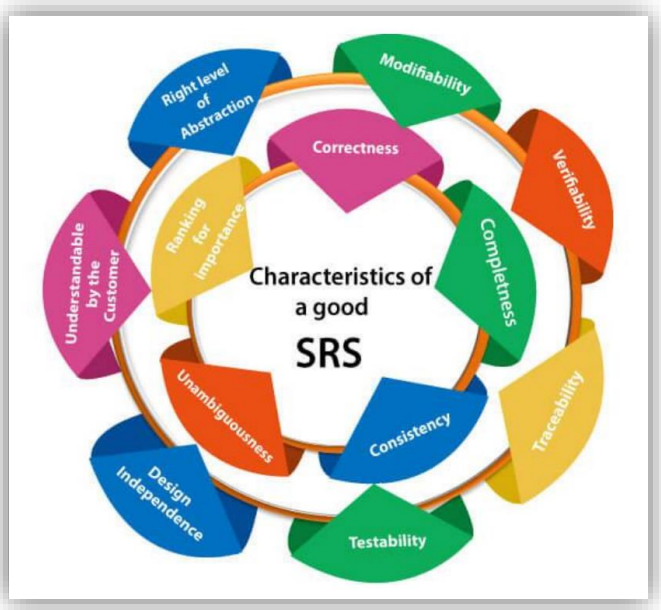
- **SOFTWARE REQUIREMENT SPECIFICATION (SRS)**

A software requirements specification (SRS) is a detailed description of a software system to be developed with its functional and non-functional requirements. The SRS is developed based the agreement between customer and contractors. It may include the use cases of how user is going to interact with software system.. To develop the software system we should have clear understanding of Software system.

A good SRS defines the how Software System will interact with all internal modules, hardware, communication with other programs and human user interactions with wide range of real life scenarios. Using the Software requirements specification (SRS) document on QA lead, managers creates test plan.

It is very important that testers must be cleared with every detail specified in this document in order to avoid faults in test cases and its expected results. It is highly recommended to review or test SRS documents before start writing test cases and making any planform testing.

Characteristics of good SRS:



Functional Requirements :

In this, possible outcome of software system which includes effects due to operation of program is fully explained. All functional requirements which may include calculations, data processing, etc. are placed in a ranked order. Functional requirements specify the expected behavior of the system-which outputs should be produced from the given inputs. They describe the relationship between the input and output of the system. For each functional requirement, detailed description all the data inputs and their source, the units of measure, and the range of valid inputs must be specified.

Interface Requirements:

In this, software interfaces which mean how software program communicates with each other or users either in form of any language, code, or message are fully described and explained. Examples can be shared memory, data streams, etc.

A Software Requirement Specification (SRS) is a comprehensive document that outlines the detailed requirements for developing a software system. It serves as a crucial foundation for the entire software development process. Let's delve into the key aspects of an SRS:

Purpose of the Document:

- The SRS explains why the document is necessary and describes its purpose.
- It outlines the scope of the software project, including development cost and time estimates.

What is ASP.NET?

ASP.NET is a robust framework used for developing web-based applications. It provides a powerful environment for building dynamic, data-driven websites and web services. One of its key features is its layered architecture, which enhances flexibility, modularity, and ease of development.

Connected Architecture in ADO.NET

In the context of ADO.NET, connected architecture refers to the way an application interacts directly with a database using an active connection. Here are the essential points about connected architecture:

1.Connection-Oriented Data Access:

- In this architecture, an open and active connection is maintained between the .NET application and the database.
- Examples of connection-oriented components include the Connection, Command, and DataReader objects.
- The Command object executes SQL queries or stored procedures against the data source, allowing operations like insertions, updates, deletions, and selections.
- The DataReader object reads data from the database in a forward-only manner, ensuring an active connection while retrieving data.

2.Characteristics:

- **Forward-Only:** The connected architecture allows data access in a forward-only direction. Once a row is read, it moves to the next row, and there's no way to move back to the previous row.
- **Read-Only:** While using this architecture, you can only read data; modifications (such as updates or deletions) are not possible.
- **Direct Link:** The .NET application is directly linked to the corresponding database.

3. Use Cases:

- Connected architecture is suitable when real-time interaction with the database is required throughout the application's lifecycle.
- It's commonly used for scenarios like displaying live data, real-time reporting, and immediate data retrieval.

SYSTEM DIAGRAM

- ## DATA FLOW DIAGRAM

The data flow diagram (DFD) is one the most important modelling tools. It is used to model the system components. These components are the system process, the data used by the process, an external entity that interacts with the system and the information flows in the system. DFD shows how the information moves through the system and how it is modified by a series of transformation. It is a graphical technique that depicts information flow and those transformations that are the applied as data moves from input to output.

DFD is also known as buddle chart. DFDs may be partitioned into levels that represent increasing information flow and functional details. A level of DFD, also called as the context diagram, represents the entire systemas a single module with input and output data indicated by incoming and outgoing arrows respectively. Additional process and information flow pathsare represented, as the level of DFD is partitioned to reveal more details. A level 1 DFD, also called as top-level DFD, represent the system with measure modules and data stores. The other levels will show each module in the top- level DFD in a more details fashion.

Data Flow:

Data move in a specific direction from an origin to a destination, the data flowis a "packet" of data.

Process:

People, procedures or devices that produce data. The physical component isnot identified.

Source or Destination of data:

External sources or destinations of data, which may be people ororganisations or other entities.

0th Level of Data Flow Diagram:

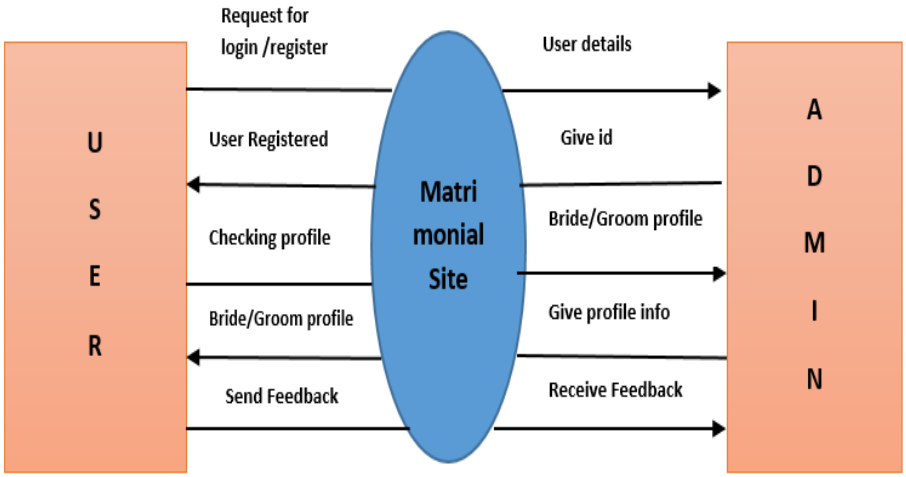


Fig. 0th Level DFD

1th Level of Data Flow Diagram:

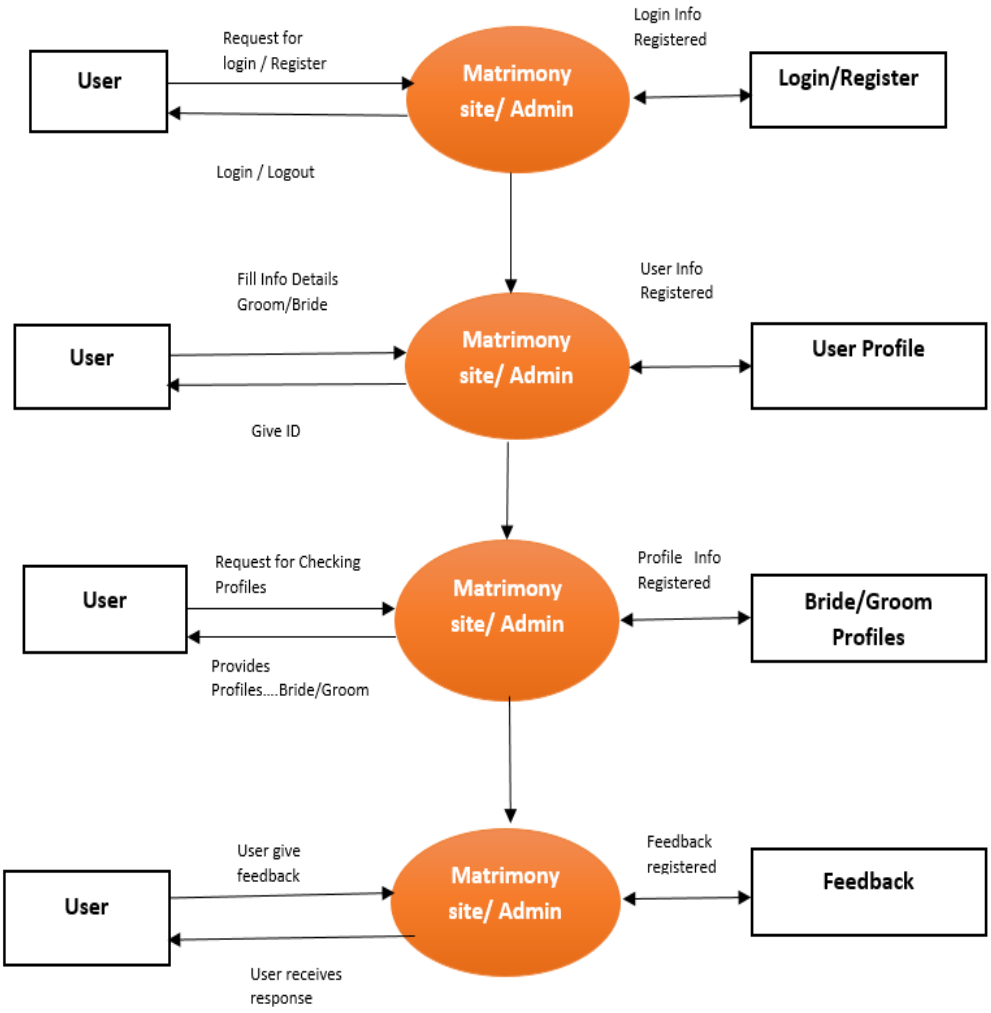


Fig. 1st Level DFD

• ENTITY RELATIONSHIP DIAGRAM

The Entity-Relationship Diagram Depicts a relationship between data objects. The ERD is the notation that is used to conduct the data modelling activity.
The attributes of each data object noted in the ERD can be described using adata object description.
At first a set of primary components are identified for ERD Le data objects, Attributes, Relationships and Various type indicators. Data objects are represented by labelled lines connecting objects. Connectors between data objects and relationship are established using a variety of special symbols that indicate cardinality and modality.
ERD notation also provides a mechanism that represents the association between objects. Data modelling and the entity relationship diagram provide that analyst with a concise notation for examining data within the context of data processing application.
The ER diagram for the overall proposed system is given in the figures.
In an entity relationship diagram, there are several common symbols used to represent different components. Here are a few of them:

1. Entity: Represented by a rectangle, it represents a specific object or concept in the database, such as "Customer" or "Product."

2. Attribute: Represented by an oval, it describes a characteristic or property of an entity, like "Name" or "Age."

3. Relationship: Represented by a diamond, it shows the connection between two or more entities. For example, a "Customer" can have a relationship with an "Order" entity.

1 ER Diagram

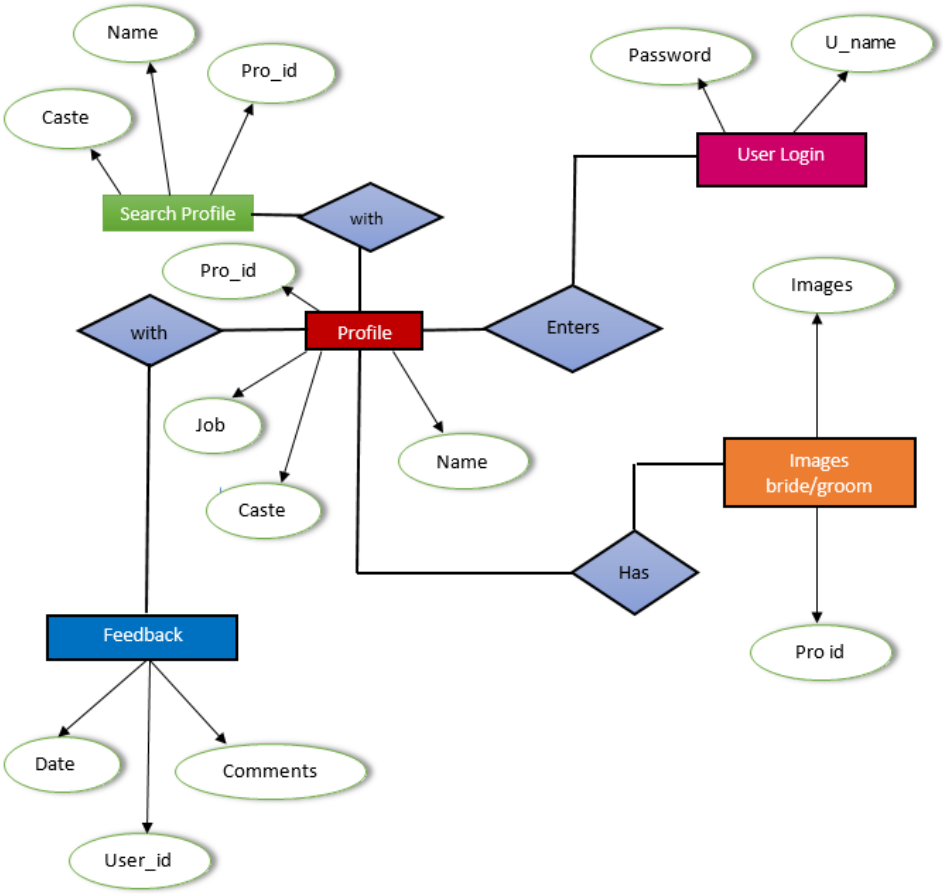


Fig. ERD

- **UML**

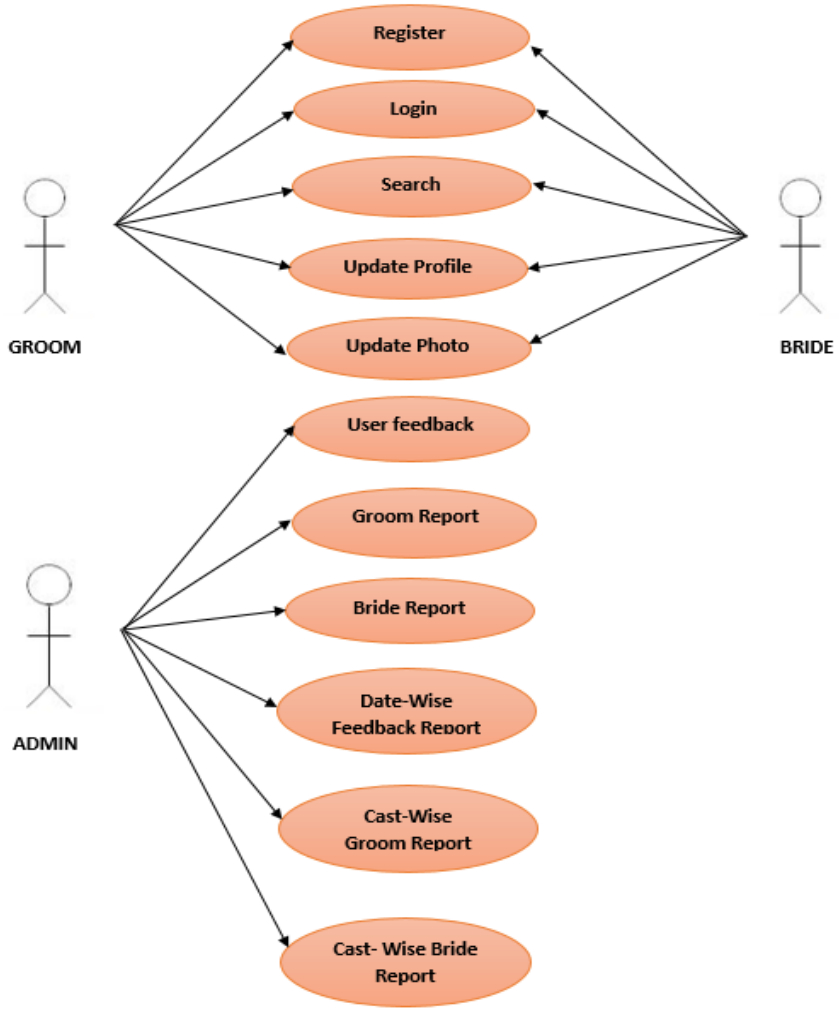

Register
Login
Search
Update Profile
Update Photo
GROOM
BRIDE
User feedback
Groom Report
Bride Report
Date-Wise
Feedback Report
Cast-Wise
Groom Report
Cast- Wise Bride
Report
ADMIN

Fig. UML

- **SYSTEM REQUIREMENT**

Hardware Requirement

- Processor : Intel (R) Core (Tm)
- Memory_RAM : 4 GB
- System Type : 64 bit Operating System
- Hard Disc : 20 GB
- Keyboard : Any Keyboard
- Mouse : Any Mouse

Software Requirements:

- Operating System : Windows 10
- Frond End : Microsoft Visual Studio 2010
- Back End : Microsoft Access Database 2010
- Browser : Chrome

SYSTEM DESIGN

- **DATABASE DESIGN**

Bride Profile

Input Design

dbo.BrideProfile:...ATA\ASPNETDB.MDF)

Column Name	Data Type	Allow Nulls
UserName	varchar(50)	☐
FullName	varchar(50)	☑
DOB	smalldatetime	☑
Height	float	☑
Color	varchar(50)	☑
Education	varchar(50)	☑
Job	varchar(50)	☑
Cast	varchar(50)	☑
Location	varchar(50)	☑
Mobile	varchar(10)	☑
Status	varchar(50)	☑
Expectations	varchar(50)	☑

Output Design

BrideProfile: Que...ATA\ASPNETDB.MDF)

UserName	FullName	DOB	Height	Color	Education	Job	Cast	Location	Mobile	Status	Expectati...
apj	Anjali P J...	12-02-20...	5.6	Fair	B.Tech	Web Dev...	Hindu M	Hyderab...	9022897...	NULL	Engineer
asm	Asma s ...	15-02-20...	5.3	Brown	Diploma ...		Muslim	Miraj	9876456...	NULL	Developer
asp	Aishwary...	20-09-19...	5.5	Fair	BSC	Lab Asist...	Hindu M...	Anjani	9878654...	NULL	LabAss
grk	Gouri R K...	29-01-20...	4.5	Medium ...	BCom	Bank Ma...	SC	Vijaynagar	9876543...	NULL	BCOM
imd	Isha M D...	09-08-19...	4.8	Fair	MBBS	Doctor	Jain	Satara	8976458...	NULL	Doctor
jap	Jadhav A...	15-01-20...	5.3	Brown	BCS	Data Ana...	Hindu M...	Visapur	9823675...	NULL	Engineer
krj	Komal R ...	29-01-20...	5.2	Fair	MCA	Data Eng...	Hindu M...	Manerajuri	9309769...	NULL	MCA
ksm	Kiara S M	01-01-19...	5.6	Fair	BCA	Acting	Punjabi	Tasgaon	98562314	NULL	Actor
mhk	Megha H...	01-01-20...	5	Fair	BCA	System T...	Hindu M...	Vita	9867543...	NULL	S/W dev...
mps	Mira P Sa...	19-01-19...	5.2	Medium ...	PhD in Hi...	Professor	Mali	Pune	9823459...	NULL	Teacher
ndm	Nikita D ...	05-02-20...	4.8	Fair	BCA	Developer	Hindu M...	Chinchni	9876476...	NULL	BCA
nsp	Nita S Pa...	04-02-19...	5.3	Brown	Bsc Micro	Lab Asist...	Maratha	Mumbai	7890567...	NULL	LabAss
ppp	Pooja P P...	05-07-19...	5.5	Fair	MTech	IT Worker	Bramhan	Nashik	7709845...	NULL	IT
psk	Pranoti S...	08-07-20...	5	Fair	MBA	Civil Serv...	Hindu M...	Tasgaon	8767904...	NULL	Bank Ma...
rms	Rutu M S...	02-09-20...	5	Brown	D.Ed	Teacher	ST	Ped	9867897...	NULL	Teacher
rpd	Rutuja P ...	25-03-20...	4.9	Fair	MCA	Research ...	Hindu M...	Khujgaon	9087587...	NULL	MCA
spk	Shailaja P...	25-07-19...	5.51	Fair	MSC (Zo...	Teacher P...	Hindu-M...	Tasgaon	9890101...	NULL	Teacher
ssb	Shewta S...	07-08-20...	5.3	Fair	B.com	Teacher	Hindu M...	Dongars...	9878654...	NULL	M.COM
upk	Utkarsha ...	25-03-19...	4.9	Medium ...	B.Ed	Teacher	Koli	Sindhud...	7865432...	NULL	Professor
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Groom Profile

Input Design

dbo.GroomProfile...TA\ASPNETDB.MDF)

Column Name	Data Type	Allow Nulls
UserName	varchar(50)	☐
FullName	varchar(50)	☑
DOB	smalldatetime	☑
Height	float	☑
Color	varchar(50)	☑
Education	varchar(50)	☑
Job	varchar(50)	☑
Cast	varchar(50)	☑
Location	varchar(50)	☑
Mobile	varchar(10)	☑
Status	varchar(50)	☑
Expectations	varchar(10)	☑

Output Design

GroomProfile: Qu...TA\ASPNETDB.MDF)

UserName	FullName	DOB	Height	Color	Education	Job	Cast	Location	Mobile	Status	Expectations
amp	Anil M P...	12-12-20...	5.6	Brown	12Th	Army Man	Sonar	Sangli	9045678...	NULL	Null
atk	Abhishek...	29-06-19...	5.5	Fair	12th	Actor	Punjabi	Mumbai	7865435...	Married	Actor
jrm	Jamdade...	26-01-20...	5.9	Fair	BA	Farmar	Hindu M...	Manerajuri	8888567...	NULL	Housewife
kpm	Karan P ...	10-10-20...	5.1	Fair	MSC	Lab Assis...	Mali	Dhule	7857896...	NULL	colorFair
kry	Kunal R Y...	15-11-19...	5.8	Medium ...	BBA	Business ...	Maratha	Patna	9056789...	NULL	Respect
omg	Omkar M...	06-02-20...	5.5	Brown	MTech	IT Worker	Maratha	Satara	9090878...	NULL	Supportive
raj	Raja Rajp...	17-01-20...	5.9	Fair	MBBS	Doctor	Hindu-Li...	Satara	9089675...	NULL	Commitment
rps	Rushi P S...	09-10-19...	5.2	Medium ...	BDS	Dentist	SC	Sangli	9867456...	NULL	Trust
sac	Sumit A ...	24-01-20...	5.6	Fair	MBA	Business	Jain	Mumbai	7708965...	NULL	MBA
sid	Siddhu K...	01-01-19...	6	Fair	MCOM	Bank Ma...	Koli	Pune	7745679...	NULL	fair
spj	Suraj P P...	19-11-19...	5.8	Fair	MCA	Software ...	Hindu M...	Sangli	9899786...	NULL	MCA
sss	Sagar S S...	11-08-19...	5	Fair	Farmer		Sutar	Sangola	9309769...	NULL	HouseWife
tpk	Tushar P ...	19-12-19...	5.9	Medium ...	Civil Engi...	Architect...	Bramhan	Sangola	8798569...	NULL	Engineer
vbj	Vishal B J...	27-02-19...	5.5	Fair	BA	Farmar	Hindu M...	Vita	8795743...		HouseWife
vrj	Viraj R Ja...	12-03-19...	5.6	Fair	BSC Agri	Farmar	Mali	Palus	8988765...	NULL	-
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Feedback

Input Design

dbo.FeedBack: Ta...ATA\ASPNETDB.MDF)

Column Name	Data Type	Allow Nulls
FID	int	☐
OnDate	smalldatetime	☑
FullName	varchar(50)	☑
ContactInfo	varchar(50)	☑
Comments	varchar(150)	☑
		☐

Output Design

FeedBack: Query(...ATA\ASPNETDB.MDF)

FID	OnDate	FullName	ContactI...	Comments
1	14-02-20...	Anil Patel	ap@gma...	Provide Facility For ...
2	07-03-20...	Omkar Jadhav	9065734...	Upload clear photos
3	07-03-20...	Anjali Patil	ap123@...	Thank you for this ...
4	07-03-20...	Snehal Pawar	8956232...	I found my perfect ...
5	07-03-20...	Sanika Mali	sm123@...	Useful site and cost...
NU...	NULL	NULL	NULL	NULL

USER GUIDELINE

• INSTALLATION PROCESS

The installation process for a matrimony project can vary depending on the specific technologies and frameworks you're using. However, I can provide a general outline of the steps you might follow:

1. System Requirements: Make sure your system meets all the necessary requirements for running the project. This includes software dependencies, server requirements, and database compatibility.

2. Choose a Technology Stack: Decide on the technologies you'll use for building the project. This might include programming languages (e.g., Python, Java, PHP), frameworks (e.g., Django, Laravel, Spring), and database systems (e.g., MySQL, PostgreSQL).

3. Setup Development Environment: Set up your development environment by installing the necessary software and tools. This might include IDEs (Integrated Development Environments), text editors, version control systems (e.g., Git), and any specific tools required by your chosen technology stack.

4. Database Setup: Install and configure the database system you'll be using for the project. This might involve creating a new database, setting up user permissions, and configuring any necessary database settings.

5. Project Setup: Create a new project directory and initialize your project using the appropriate command-line tools or project templates provided by your chosen framework. This will create the basic directory structure and configuration files for your project.

6. Dependencies Installation: Install any required dependencies and libraries for your project. This might include third-party libraries, frameworks, and packages that your

project depends on. You can typically do this using package managers such as pip (for Python), npm (for Node.js), or Composer (for PHP).

7. Configuration: Configure your project settings, including database connection settings, API keys, and any other configuration options required by your project.

8. Database Migration: If you're using an ORM (Object-Relational Mapping) framework like Django's ORM or Laravel's Eloquent, you'll need to create database migrations to define your database schema. Run the migration commands provided by your framework to apply these changes to your database.

9. Run the Project: Once everything is set up, you can start your development server and run your project locally to test that everything is working correctly. Use the appropriate command provided by your framework or programming language to start the server.

10. Testing and Debugging: Test your project thoroughly to identify and fix any bugs or issues. Use debugging tools and techniques to diagnose and resolve any problems that arise during testing.

11. Deployment (Optional): If you're ready to deploy your project to a production environment, you'll need to set up a production server, configure it appropriately, and deploy your project files to the server. This might involve setting up a web server (e.g., Apache, Nginx), configuring domain names and DNS settings, and securing your server against common security threats.

12. Maintenance: Once your project is deployed, you'll need to perform regular maintenance tasks such as monitoring server performance, applying security patches and updates, and addressing any issues that arise in production.

Remember that this is just a general outline, and the specific steps you'll need to follow may vary depending on your project requirements and the technologies you're using. Make sure to consult the documentation and resources provided by your chosen framework and technologies for detailed installation instruct ions and best practices.

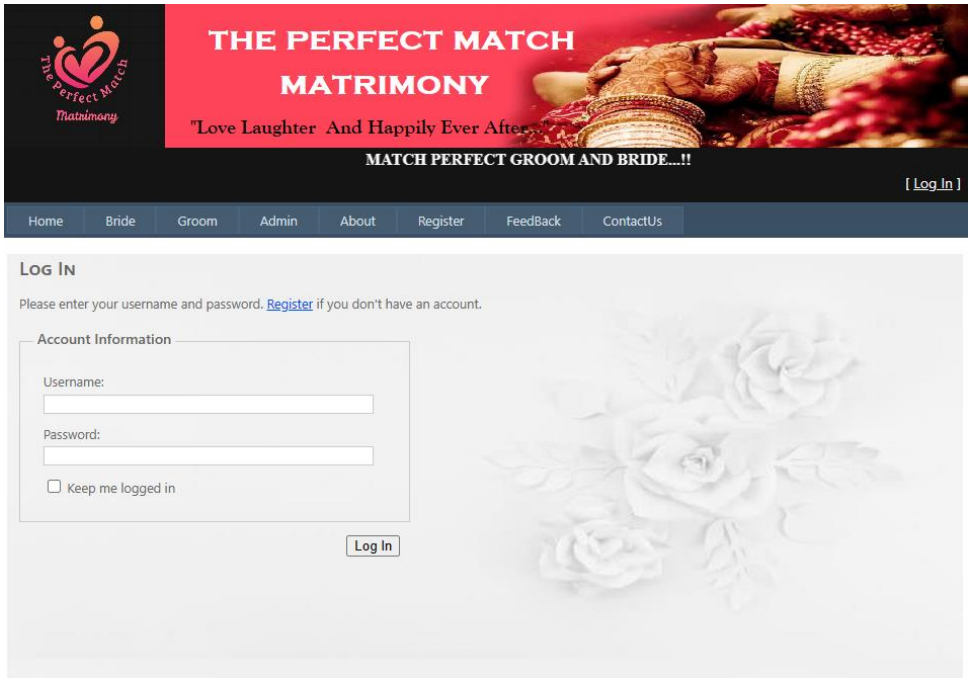
Project View

Sr. No.	Title
1	Main page
2	Login
3	Register
4	Bride
5	Groom
6	Admin
7	About
8	Feedback
9	Contact us

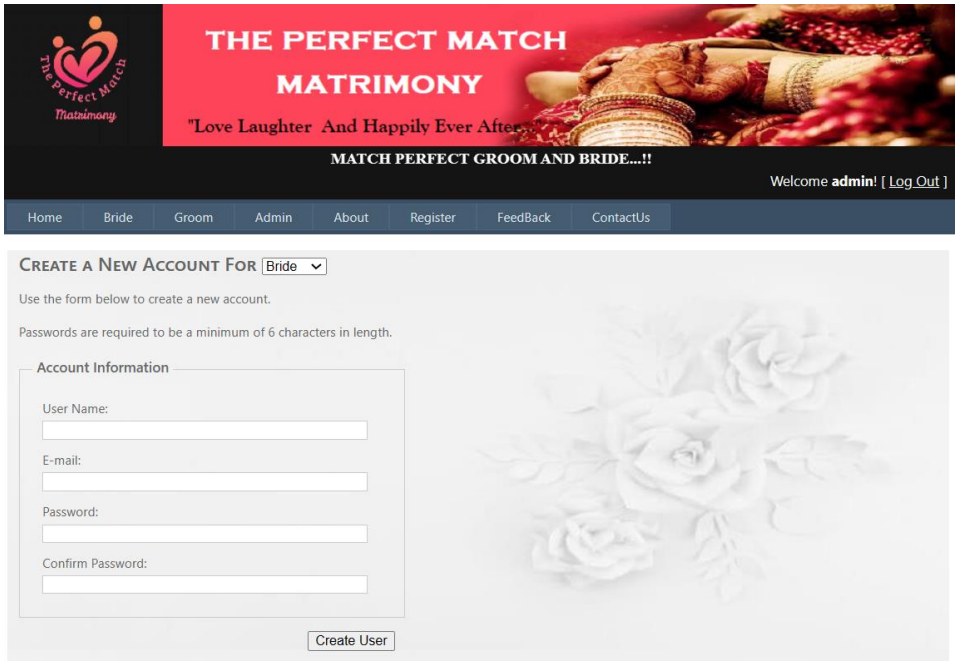
MAIN PAGE

THE PERFECT MATCH
MATRIMONY
"Love Laughter And Happily Ever After"
MATCH PERFECT GROOM AND BRIDE....!!
Welcome sid! [Log Out]
Home
Bride
Groom
Admin
About
Register
FeedBack
ContactUs
There Is No Greater Risk But
There Is Nothing Happier Than
A Happy Marriage..!
Terms and Conditions

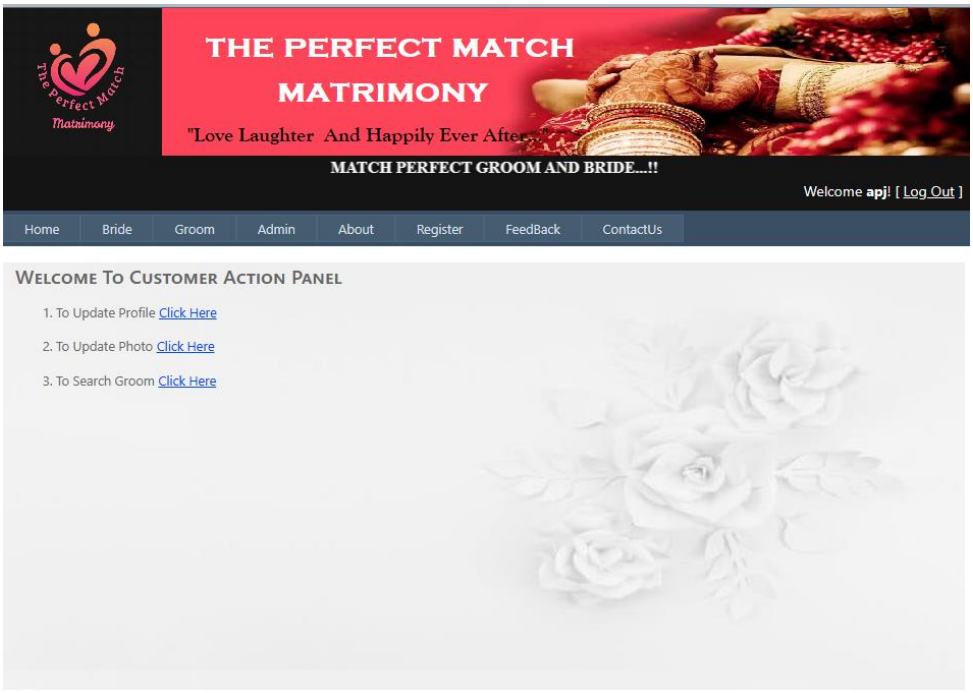
LOGIN PAGE


THE PERFECT MATCH
MATRIMONY
"Love Laughter And Happily Ever After...
MATCH PERFECT GROOM AND BRIDE....!!
[Log In]
Home
Bride
Groom
Admin
About
Register
FeedBack
ContactUs
LOG IN
Please enter your username and password. Register if you don't have an account.
Account Information
Username:
Password:
Keep me logged in
Log In

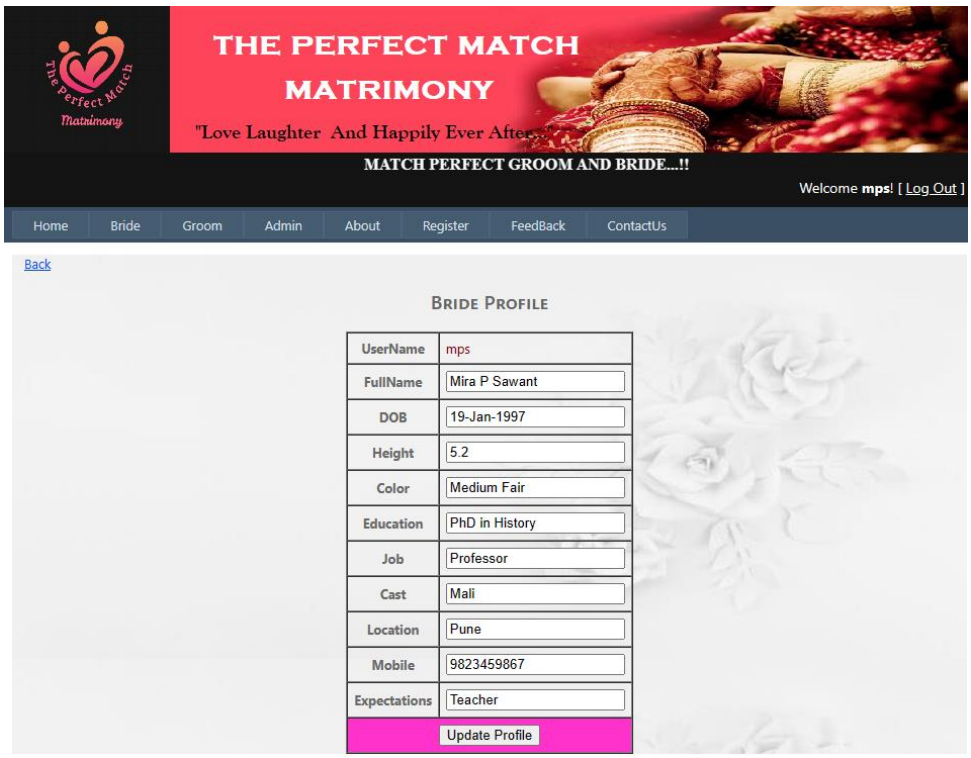
REGISTER PAGE



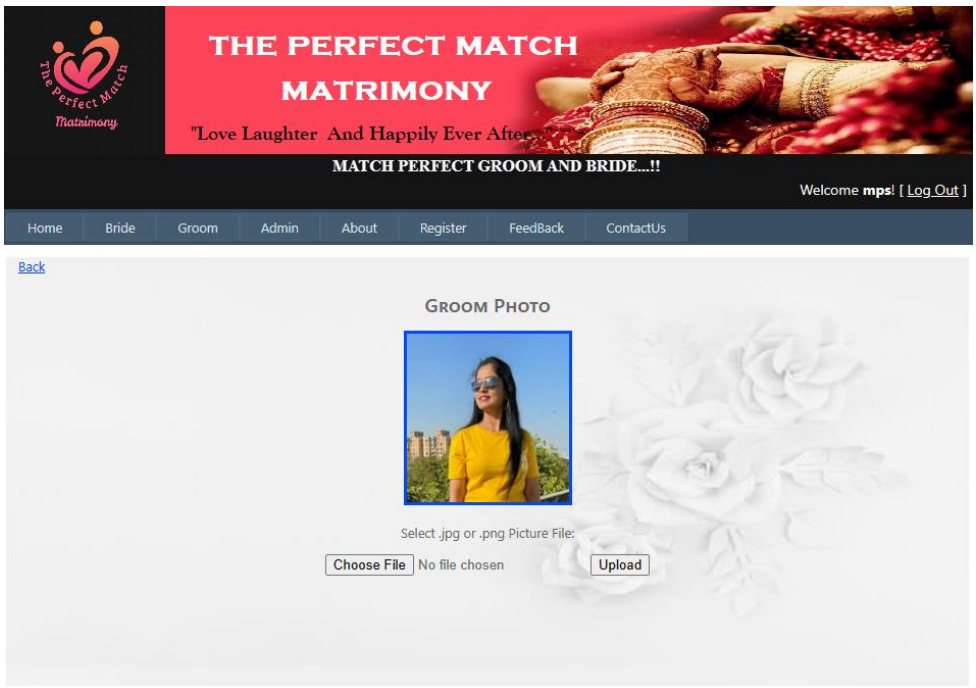
BRIDE PAGE


THE PERFECT MATCH
MATRIMONY
"Love Laughter And Happily Ever After"
MATCH PERFECT GROOM AND BRIDE....!!
Welcome apj! [Log Out]
Home
Bride
Groom
Admin
About
Register
FeedBack
ContactUs
WELCOME TO CUSTOMER ACTION PANEL
1. To Update Profile Click Here
2. To Update Photo Click Here
3. To Search Groom Click Here

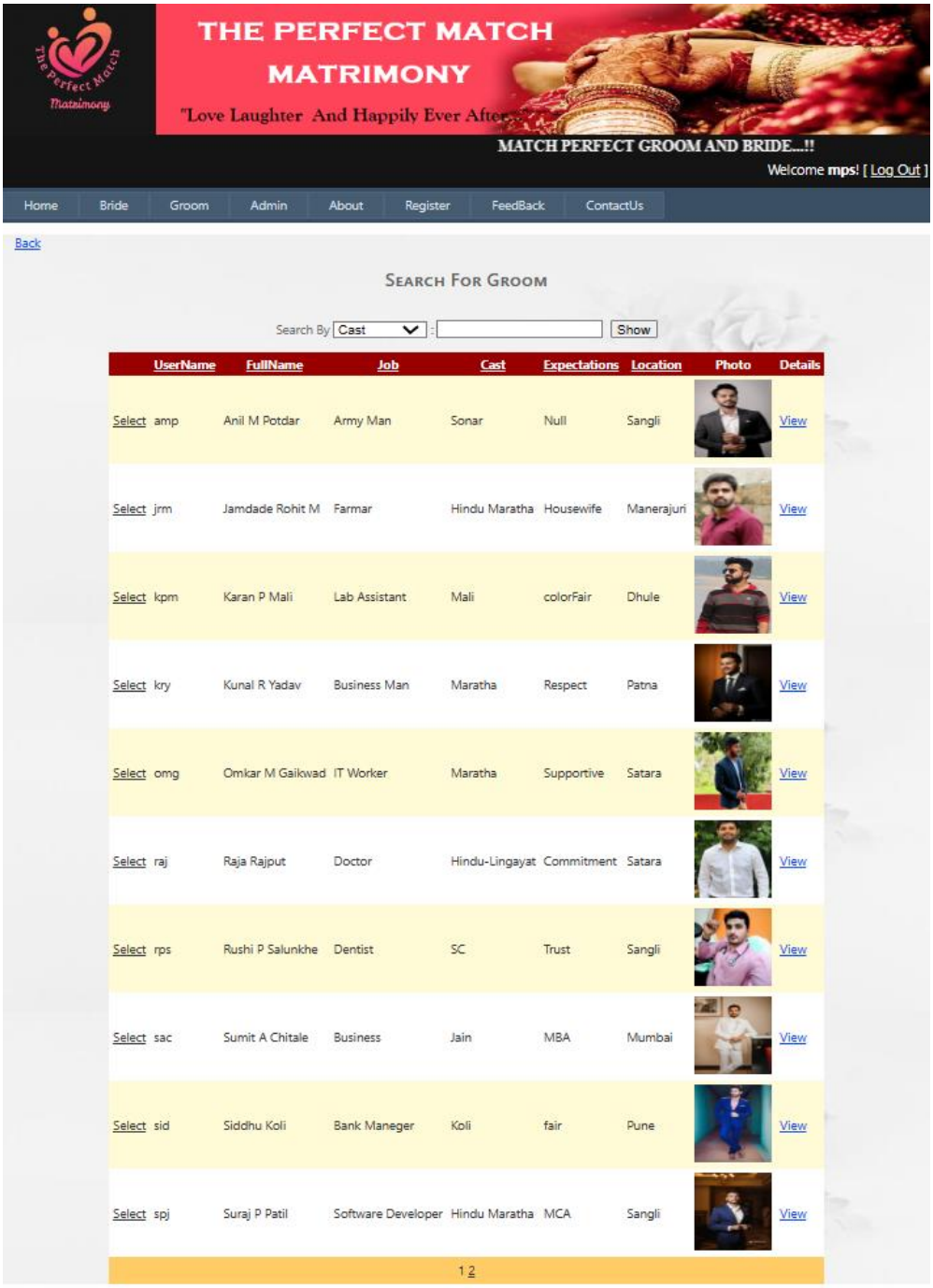
UPDATE BRIDE PROFILE



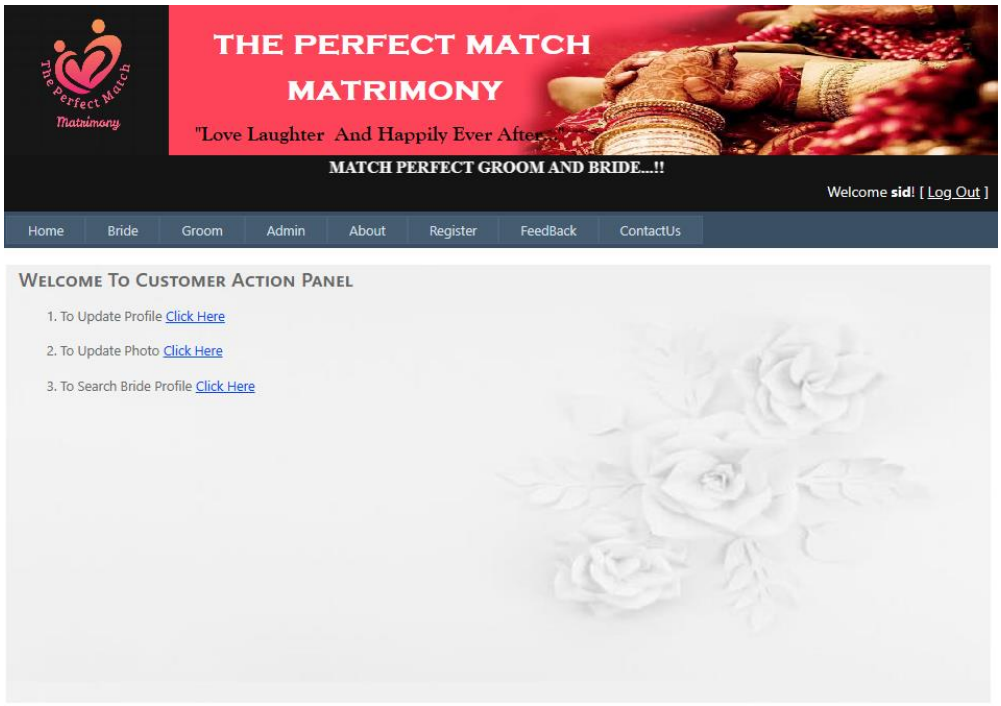
UPDATE BRIDE PHOTO



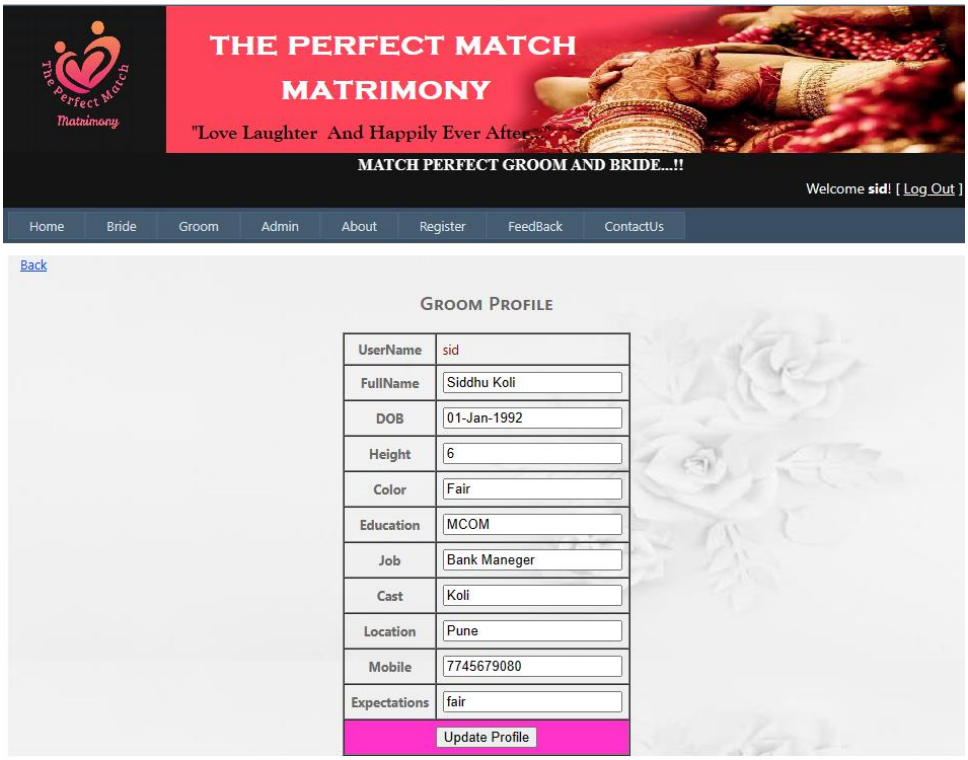
SEARCH GROOM PROFILE



GROOM PAGE


THE PERFECT MATCH
MATRIMONY
"Love Laughter And Happily Ever After..."
MATCH PERFECT GROOM AND BRIDE...!!
Welcome sid! [Log Out]
Home
Bride
Groom
Admin
About
Register
FeedBack
ContactUs
WELCOME TO CUSTOMER ACTION PANEL
1. To Update Profile Click Here
2. To Update Photo Click Here
3. To Search Bride Profile Click Here

UPDATE GROOM PROFILE



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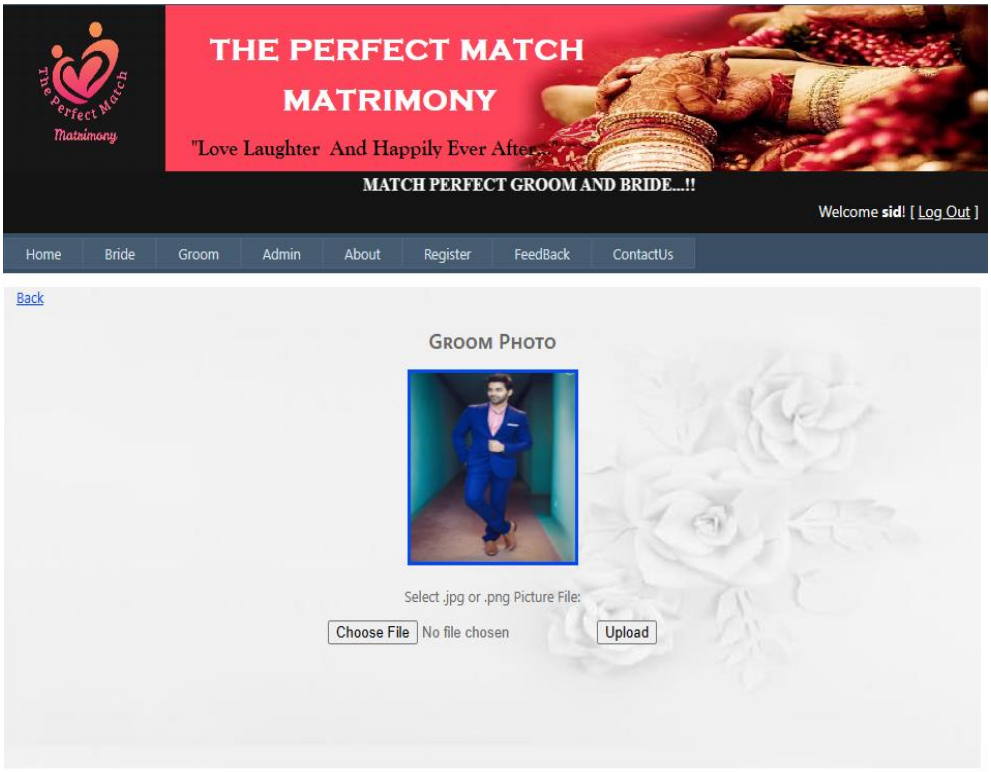
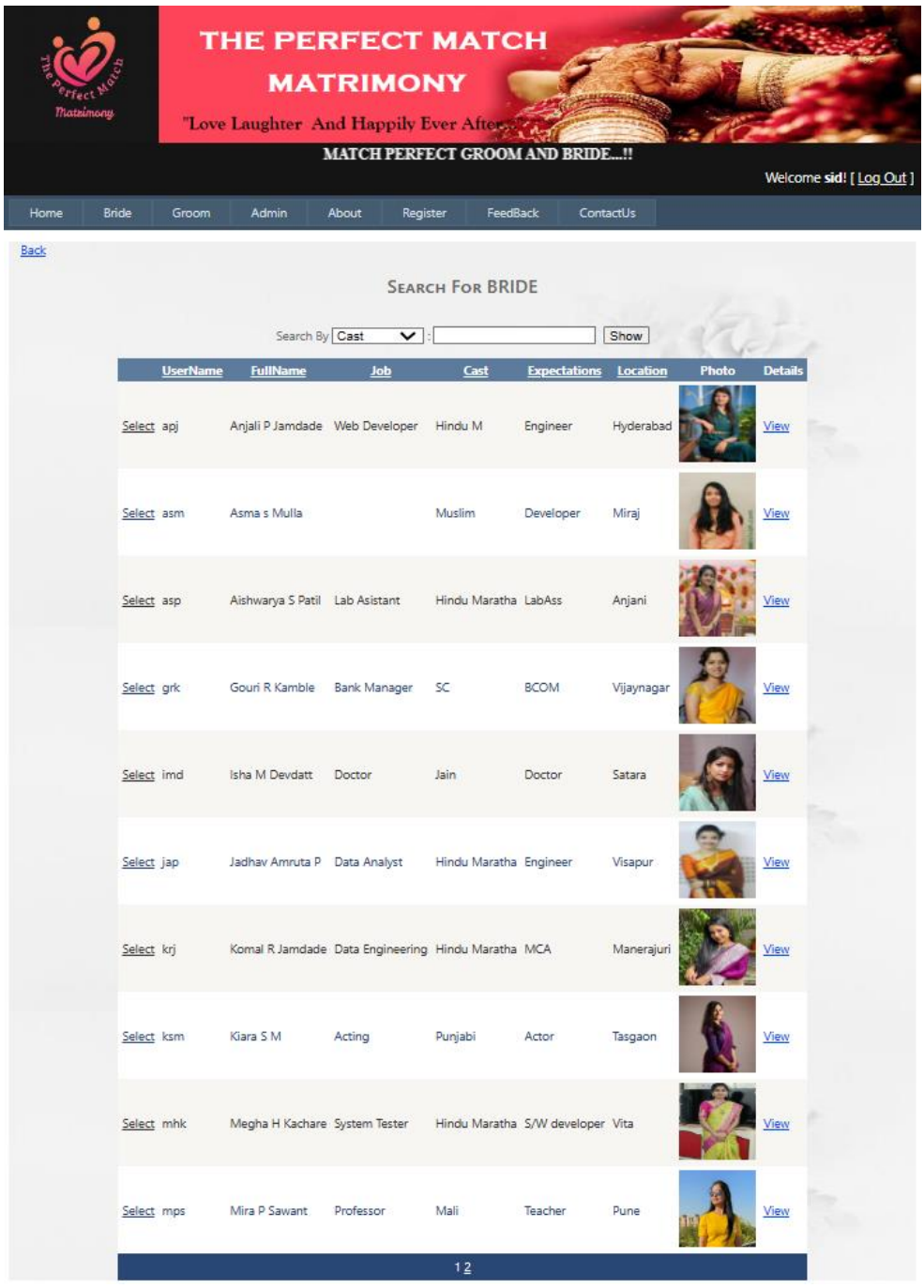


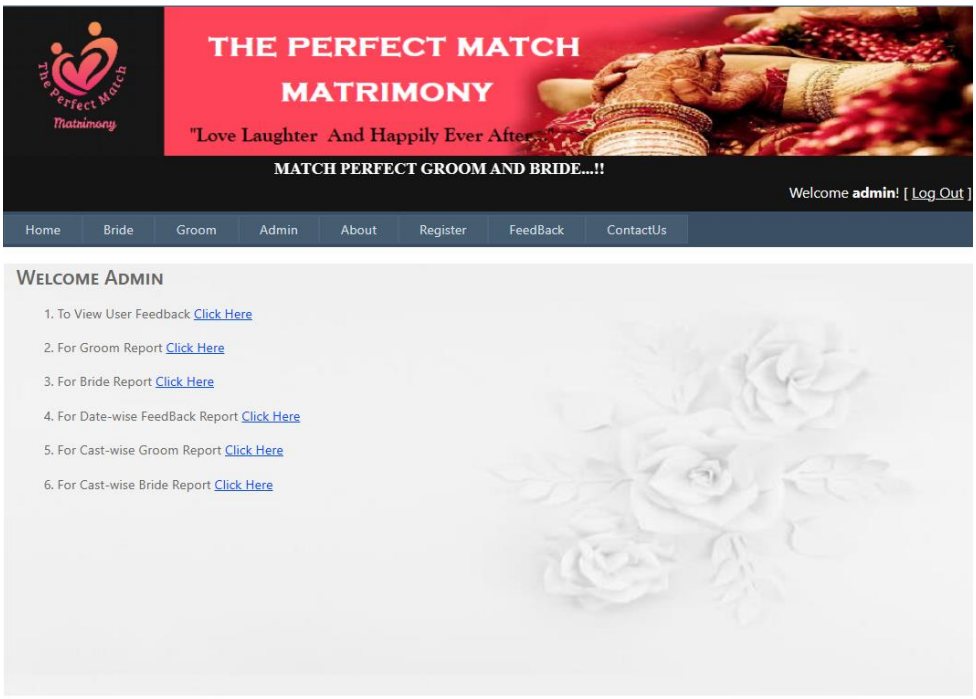
SEARCH BRIDE PROFILE



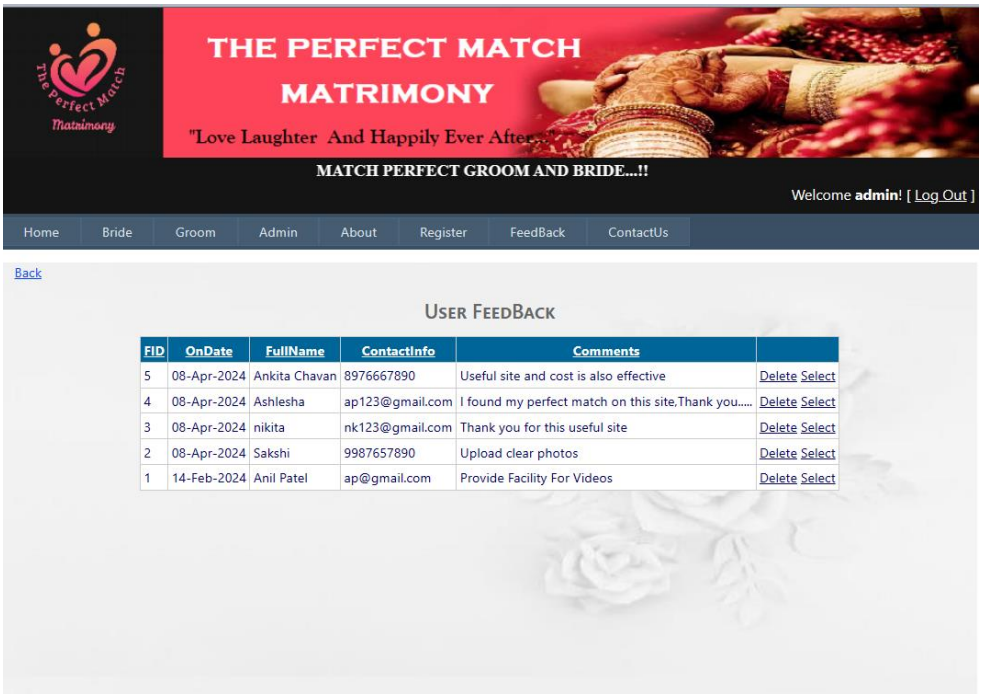
	UserName	FullName	Job	Cast	Expectations	Location	Photo	Details
Select	apj	Anjali P Jamdade	Web Developer	Hindu M	Engineer	Hyderabad		View
Select	asm	Asma s Mulla		Muslim	Developer	Miraj		View
Select	asp	Aishwarya S Patil	Lab Asistant	Hindu Maratha	LabAss	Anjani		View
Select	grk	Gouri R Kamble	Bank Manager	SC	BCOM	Vijaynagar		View
Select	imd	Isha M Devdatt	Doctor	Jain	Doctor	Satara		View
Select	jap	Jadhav Amruta P	Data Analyst	Hindu Maratha	Engineer	Visapur		View
Select	krj	Komal R Jamdade	Data Engineering	Hindu Maratha	MCA	Manerajuri		View
Select	ksm	Kiara S M	Acting	Punjabi	Actor	Tasgaon		View
Select	mhk	Megha H Kachare	System Tester	Hindu Maratha	S/W developer	Vita		View
Select	mps	Mira P Sawant	Professor	Mali	Teacher	Pune		View

1 2

ADMIN PAGE

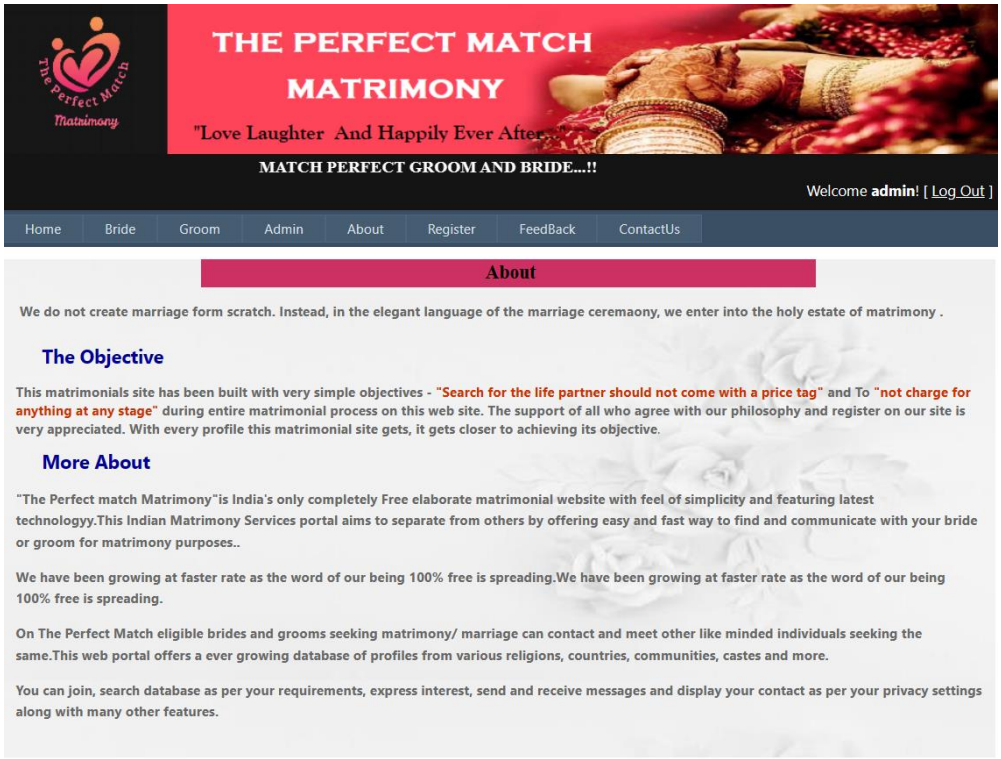

THE PERFECT MATCH
MATRIMONY
"Love Laughter And Happily Ever After...
MATCH PERFECT GROOM AND BRIDE...!!
Welcome admin! [Log Out]
Home
Bride
Groom
Admin
About
Register
FeedBack
ContactUs
WELCOME ADMIN
1. To View User Feedback Click Here
2. For Groom Report Click Here
3. For Bride Report Click Here
4. For Date-wise FeedBack Report Click Here
5. For Cast-wise Groom Report Click Here
6. For Cast-wise Bride Report Click Here

VIEW USER FEEDBACK

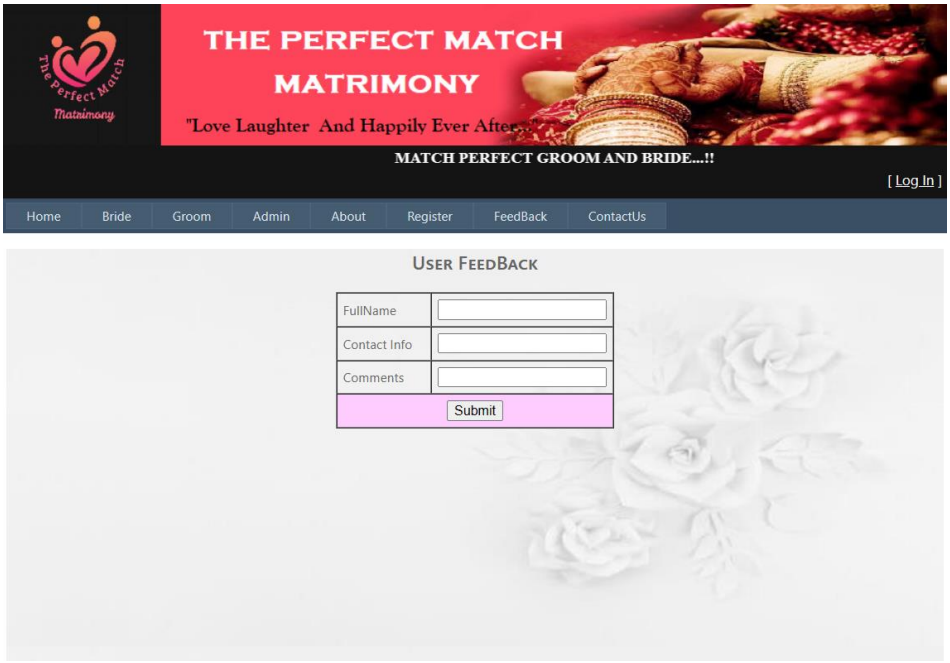


FID	OnDate	FullName	ContactInfo	Comments	
5	08-Apr-2024	Ankita Chavan	8976667890	Useful site and cost is also effective	Delete Select
4	08-Apr-2024	Ashlesha	ap123@gmail.com	I found my perfect match on this site,Thank you.....	Delete Select
3	08-Apr-2024	nikita	nk123@gmail.com	Thank you for this useful site	Delete Select
2	08-Apr-2024	Sakshi	9987657890	Upload clear photos	Delete Select
1	14-Feb-2024	Anil Patel	ap@gmail.com	Provide Facility For Videos	Delete Select

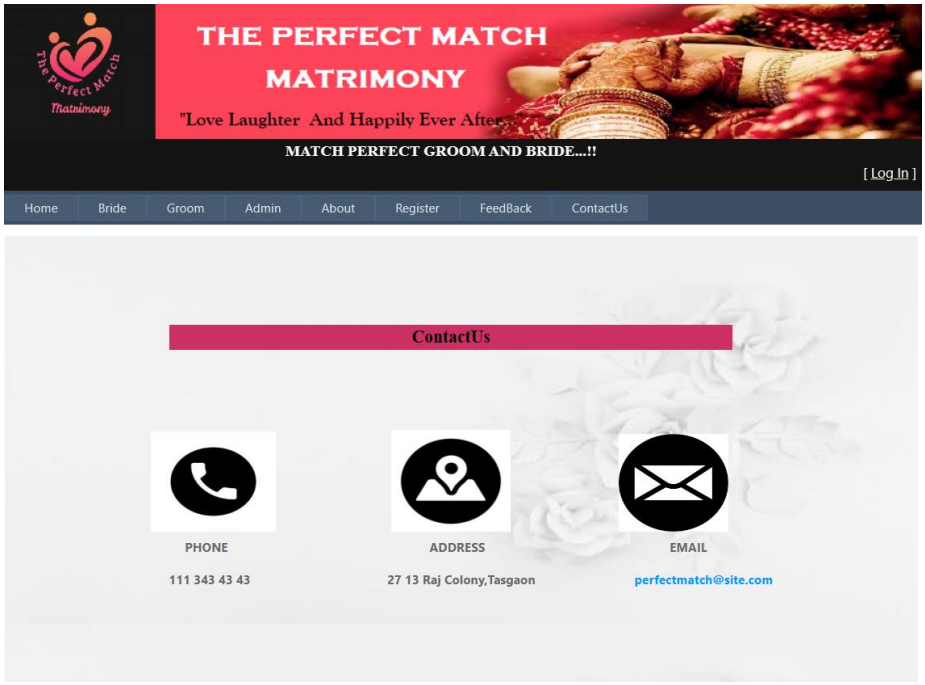
ABOUT PAGE


THE PERFECT MATCH
MATRIMONY
"Love Laughter And Happily Ever After..."
MATCH PERFECT GROOM AND BRIDE...!!
Welcome admin! [Log Out]
Home
Bride
Groom
Admin
About
Register
FeedBack
ContactUs
About
We do not create marriage form scratch. Instead, in the elegant language of the marriage ceremaony, we enter into the holy estate of matrimony .
The Objective
This matrimonials site has been built with very simple objectives - "Search for the life partner should not come with a price tag" and To "not charge for anything at any stage" during entire matrimonial process on this web site. The support of all who agree with our philosophy and register on our site is very appreciated. With every profile this matrimonial site gets, it gets closer to achieving its objective.
More About
"The Perfect match Matrimony"is India's only completely Free elaborate matrimonial website with feel of simplicity and featuring latest technologyy.This Indian Matrimony Services portal aims to separate from others by offering easy and fast way to find and communicate with your bride or groom for matrimony purposes..
We have been growing at faster rate as the word of our being 100% free is spreading.We have been growing at faster rate as the word of our being 100% free is spreading.
On The Perfect Match eligible brides and grooms seeking matrimony/ marriage can contact and meet other like minded individuals seeking the same.This web portal offers a ever growing database of profiles from various religions, countries, communities, castes and more.
You can join, search database as per your requirements, express interest, send and receive messages and display your contact as per your privacy settings along with many other features.

FEEDBACK PAGE



CONTACTUS PAGE



SOURCE CODE

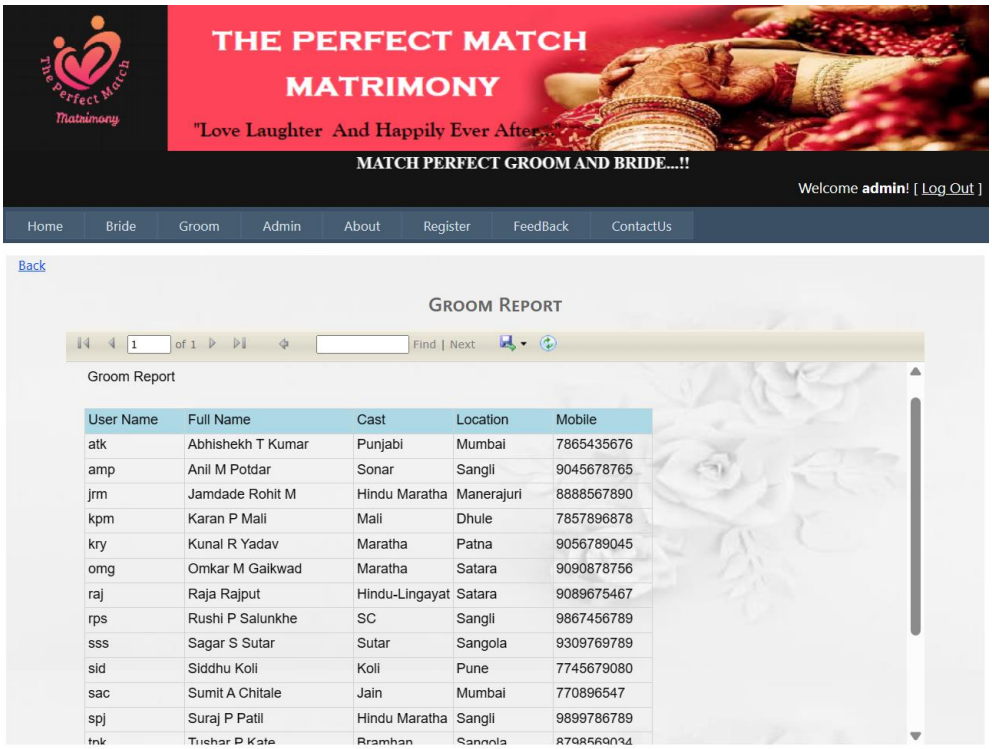
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;

public partial class Account_Register : System.Web.UI.Page
{

    protected void Page_Load(object sender, EventArgs e)
    {
        RegisterUser.ContinueDestinationPageUrl =
Request.QueryString["ReturnUrl"];
    }

    protected void RegisterUser_CreatedUser(object sender,
EventArgs e)
    {
        // add new user to selected role
        Roles.AddUserToRole(RegisterUser.UserName,
ddlRole.Text);
        Session["user"] = RegisterUser.UserName;

        AddUserToProfile(RegisterUser.UserName);

        FormsAuthentication.SetAuthCookie(RegisterUser.UserName,
false /* createPersistentCookie */);

        string continueUrl =
RegisterUser.ContinueDestinationPageUrl;
        if (String.IsNullOrEmpty(continueUrl))
        {
            continueUrl = "~/";
        }
        Response.Redirect(continueUrl);
    }
    void AddUserToProfile(string user)
    {
```

```
        SqlConnection con = new
SqlConnection(HiddenField1.Value);
        SqlCommand cmd =
      new SqlCommand("insert into "  + ddlRole.Text  +
"Profile(UserName,dob) values(@un,@dob)", con);

        cmd.Parameters.AddWithValue("@un", user);
        cmd.Parameters.AddWithValue("@dob",
DateTime.Now.ToString("dd-MMM-yyyy"));


        try
        {
            con.Open();
            if (cmd.ExecuteNonQuery() > 0)
                lblMSG.Text = "User Added To Profile";
            else
                lblMSG.Text = "Cannot Add New User To Profile";

            con.Close();
        }
        catch (Exception ex)
        {
            lblMSG.Text = "Error: " + ex.Message;
        }

    }
}
```

OUTPUT

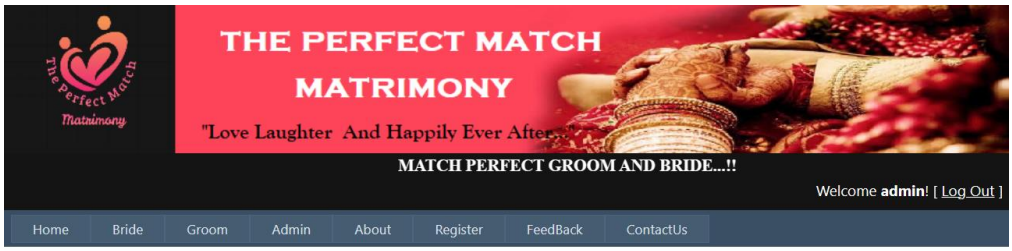
[INPUT SCREENS AND REPORT]

1.GROOM REPORT



User Name	Full Name	Cast	Location	Mobile
atk	Abhishekh T Kumar	Punjabi	Mumbai	7865435676
amp	Anil M Potdar	Sonar	Sangli	9045678765
jrm	Jamdade Rohit M	Hindu Maratha	Manerajuri	8888567890
kpm	Karan P Mali	Mali	Dhule	7857896878
kry	Kunal R Yadav	Maratha	Patna	9056789045
omg	Omkar M Gaikwad	Maratha	Satara	9090878756
raj	Raja Rajput	Hindu-Lingayat	Satara	9089675467
rps	Rushi P Salunkhe	SC	Sangli	9867456789
sss	Sagar S Sutar	Sutar	Sangola	9309769789
sid	Siddhu Koli	Koli	Pune	7745679080
sac	Sumit A Chitale	Jain	Mumbai	770896547
spj	Suraj P Patil	Hindu Maratha	Sangli	9899786789
tpk	Tushar P Kate	Brahman	Sangola	8798569034

2.BRIDE REPORT



Back

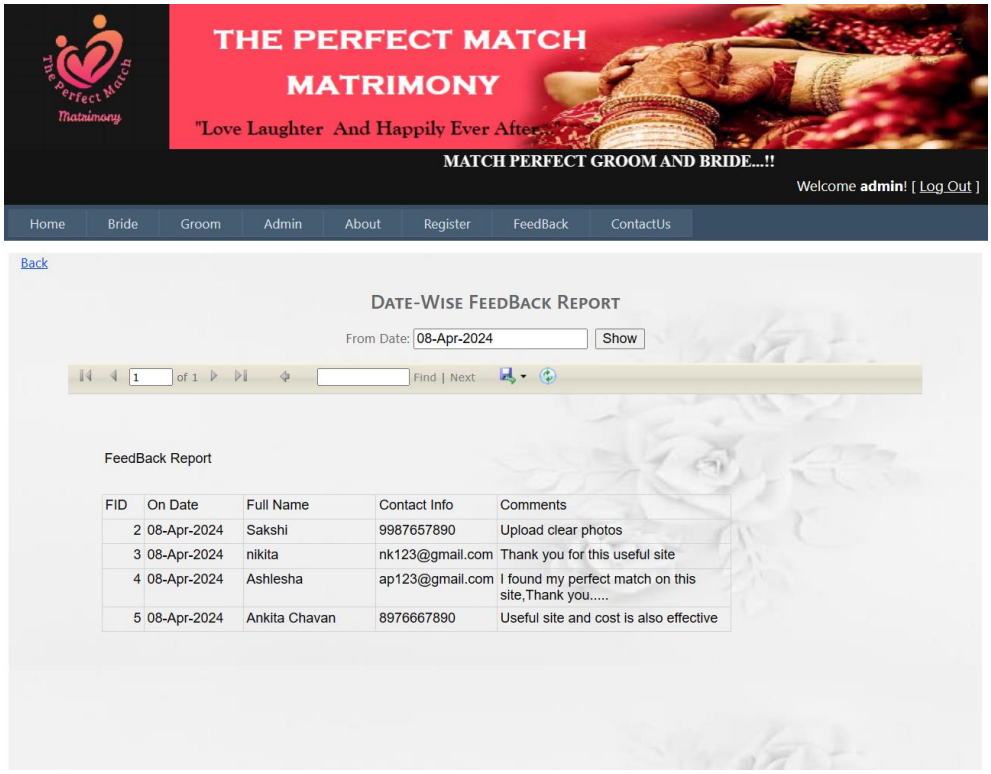
BRIDE REPORT

1 of 1 Find | Next

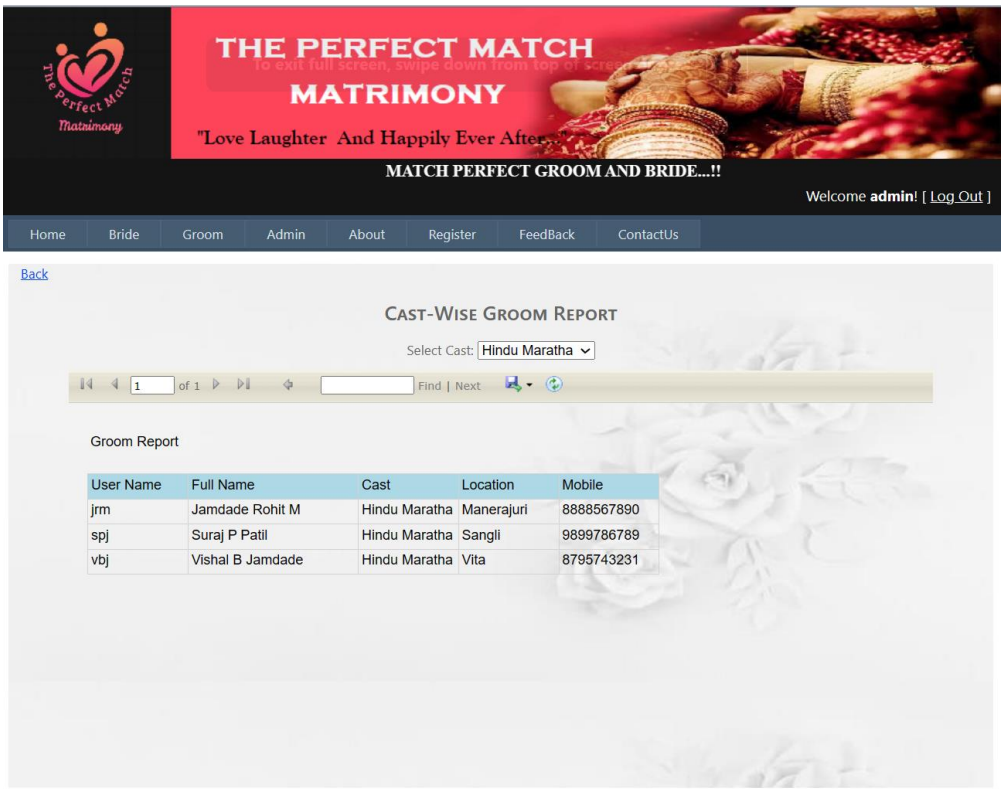
Bride Report

User Name	Full Name	Cast	Location	Mobile
asp	Aishwarya S Patil	Hindu Maratha	Anjani	9878654750
apj	Anjali P Jamdade	Hindu M	Hyderabad	9022897655
asm	Asma s Mulla	Muslim	Miraj	9876456789
grk	Gouri R Kamble	SC	Vijaynagar	9876543456
imd	Isha M Devdatt	Jain	Satara	8976458978
jap	Jadhav Amruta P	Hindu Maratha	Visapur	9823675890
ksm	Kiara S M	Punjabi	Tasgaon	98562314
krj	Komal R Jamdade	Hindu Maratha	Manerajuri	9309769678
mhk	Megha H Kachare	Hindu Maratha	Vita	9867543432
mps	Mira P Sawant	Mali	Pune	9823459867
ndm	Nikita D Mane	Hindu Maratha	Chinchni	9876476890
nsp	Nita S Pawar	Maratha	Mumbai	7890567890

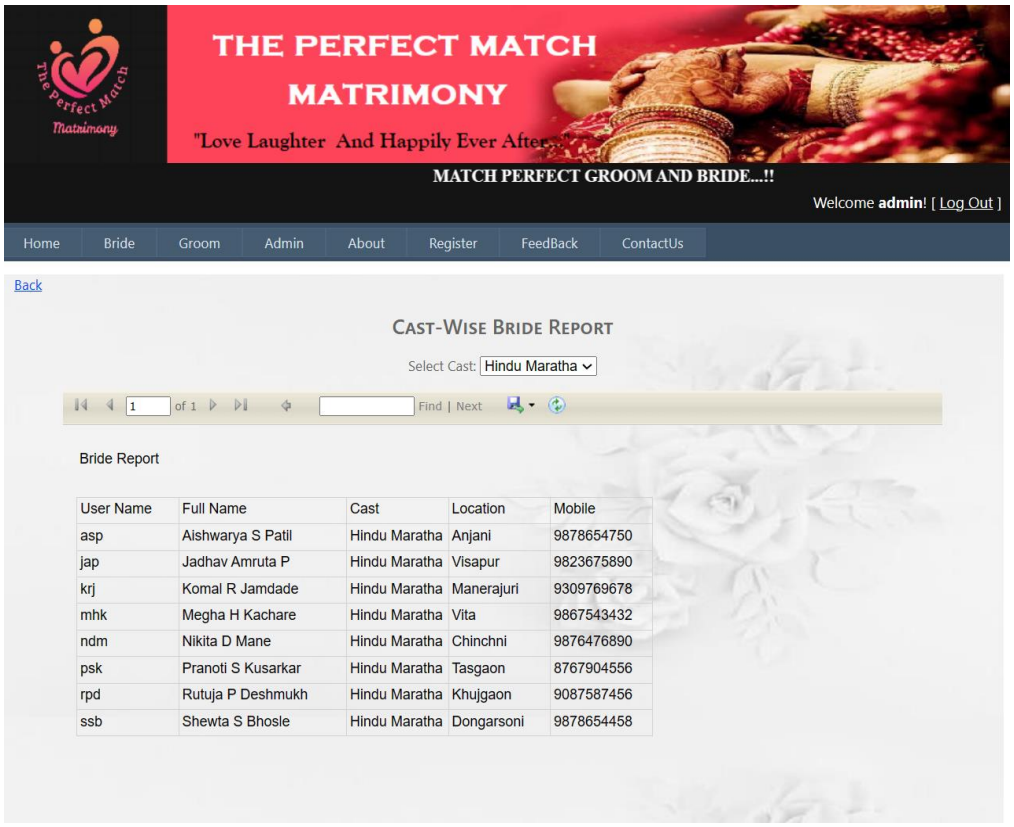
3.DATEWISE FEEDBACK REPORT



4.CASTEWISE GROOM REPORT



5.CASTEWISE BRIDE REPORT



User Name	Full Name	Cast	Location	Mobile
asp	Aishwarya S Patil	Hindu Maratha	Anjani	9878654750
jap	Jadhav Amruta P	Hindu Maratha	Visapur	9823675890
krj	Komal R Jamdade	Hindu Maratha	Manerajuri	9309769678
mhk	Megha H Kachare	Hindu Maratha	Vita	9867543432
ndm	Nikita D Mane	Hindu Maratha	Chinchni	9876476890
psk	Pranoti S Kusarkar	Hindu Maratha	Tasgaon	8767904556
rpd	Rutuja P Deshmukh	Hindu Maratha	Khujgaon	9087587456
ssb	Shewta S Bhosle	Hindu Maratha	Dongarsoni	9878654458

CONCLUSION AND SUGGESTION

• CONCLUSION

Matrimonial Web site is to provide Grooms and Brides with excellent matchmaking experience by exploring the opportunities and resources to meet true potential partner.

Matrimonial website which will provide platform to a lot of Bride/Groom for finding perfect match. There a are different sectors like Registration, Partner, Search, etc. So The Bride/Groom can get their interest for find their partner. Bride/Groom can directly search Partner according to their required criteria. The Bride/Groom can use match by Email functionality so he/she can get directly E-mail alert for the match which fulfill their required criteria. It helps the user by providing profiles of perspective "Bride" or "Groom" and other information regarding them online.

The Matrimonial web site will provide a facility to change preferences about the partner. The website will provide features like listing your personal information, uploading pictures to feature on one's profile, expressing your interest in another person, sending them direct messages, etc. The Al will understand the user's behavior based on the matches they accept or reject and tailor new suggestions based on interests, education, language preferences, career, family, lifestyle, and even horoscopes.

• SUGGESTIONS

1. User-Friendly Interface: Design an intuitive and easy-to-use interface for users to create profiles, search for potential matches, and interact with other users.

2. Comprehensive User Profiles: Allow users to create detailed profiles with information about themselves, their background, interests, and what they are looking for in a partner.

3. Advanced Search Functionality: Implement advanced search features that allow users to filter potential matches based on criteria such as age, location, education, occupation, and more.

4. Match Recommendations: Provide users with personalized match recommendations based on their profile information and preferences.

5. Communication Tools: Include messaging and chat features to enable users to communicate with potential matches in a safe and secure manner.

6. Privacy and Security: Implement strong privacy and security measures to protect users' personal information and ensure a safe and trusted environment for interactions.

7. Verification Processes: Consider implementing verification processes or badges to authenticate user profiles and build trust within the community.

8. Mobile Compatibility: Ensure that the matrimonial platform is mobile-friendly, as many users may prefer to access the platform via smartphones and tablets.

9. Feedback and Success Stories: Allow users to provide feedback on their experiences and share success stories, helping to build trust and credibility within the community.

10. Customer Support: Offer reliable customer support to address any user concerns, queries, or technical issues that may arise.

• FUTURE ENHANCEMENT

1. Advanced matching algorithms to improve compatibility matching.

2. Developing a mobile app for easy access and interaction on the go.

3. Implementing enhanced security features such as two-factor authentication and data encryption.

4. Adding video profiles and verification processes to increase trust.

5. Integration with social media and professional networks to validate user identities.

6. Building community engagement through forums, groups, and interactive features.

7. Offering personalized coaching and counseling services for users seeking support.

8. Expanding the platform to cater to different regions and languages.

9. Organizing virtual events and meetups to encourage connections.

10. Utilizing data analytics to gather user insights and improve the platform.

BIBLIOGRAPHY

Books

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- Professional ASP.NET(Wrox Publication).
- C# Vijaymukhi.
- ASP.NET Complete Reference.
- SQL Server 2005 (Wrox Publication).

Web Sites

www.bharatmatrimonial.com

www.shadi.com www.jeevansathi.com

www.patelvivah.com

www.simplymary.com