

## MATRIMONIAL WEBSITE

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### ABSTRACT

The main aim of matrimonial portals or websites is to offer brides and grooms a superb matchmaking experience. You can explore the opportunities and resources to unite with your true potential partner by taking the help of these matrimony companies. It involves viewing the details of the bride, bridegroom, or both. The user can browse through the site and post or submit their details by registering themselves as a valid user. They can change the details or add more to their profile and make it as informative as possible. To reach the customer service executives, one may also use the website for smooth and easy interaction.

**Keywords:** Matchmaking, Matrimony, Machine Learning, Artificial Intelligence, Web Application, Wedding.

### I. INTRODUCTION

The matrimonial web application 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 Web Application 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.

#### Aim

1. It helps the user by specifying profile for a prospective Bride or Groom and all the other information online.
2. Any user can get every information about their life partner at his/her home at their convenience.
3. 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.
4. Our website will allow the new users to register as it will be a user-friendly application and when successfully registering themselves, they will get a confirmation for same.

#### Objectives

The main objective of the Matrimonial Web Application is to provide the bride and groom with an excellent experience by exploring the opportunities and resources to meet a true potential partner. Keeping our objective in mind, we will create a world-renowned service that will touch the souls of millions of people all over the globe.

Users can register on the website easily by filling out a form and submitting a verification document. Corroboration of user's details will follow to avoid fake registrations and keep the integrity of the web app. We will design an algorithm to offer suggestions on a real-time basis and recommend appropriate profiles to its members, thereby enhancing their experience and helping them find a match based on their preferences. We will deepen behavior-based personalization to improve the engagement on our platform significantly.

#### Features

Our matrimonial website will be known for its:

- Hassle-free and quick search
- Easy to operate and effortless navigation
- Services like creating profiles, searching the best matches, scheduling meetings with shortlisted alliances
- Personal advisors are available who are actively involved in explaining the whole process of searching groom/bride from scratch till the end
- All the registered profiles are verified to ensure the privacy and authenticity of the account

- Will have broad network coverage encompassing all the communities and religions from the various sections of society

## II. LITERATURE SURVEY

Matrimonial sites are popular in India and it is an alternative to the Traditional Marriage Broker. The matrimonial web application is a platform where users can find their lifelong partners. It will allow user to register his/her profile and search his or her matching profile and supports quick and advance profile search. Most of the marriages are happening through matrimonial sites in this internet era. With the rise of the internet, various business models shifted online to gain technological advantages. Especially the matrimonial website has become a profitable online business as people are more engaged on the internet to find their partner! Everyone around the globe has been using the internet at a rapidly increasing rate, decreasing the communication gap between people in all regions. The matrimonial websites and applications will let the audience search and select a suitable person. There are very different kinds of matchmaking models online which suggest matches based on religion, gender, caste, interests, etc. But there is no limit to suggesting matches based on criteria. Our model will suggest matches to a person based on very different and intimate criteria like interests, personality, physical traits, professional compatibility, political views, humor, etc. The system will provide our users with unique and nourishing features such as a simple and attractive interface. The user must feel free to use the website and must never be confused while navigating the inner pages. We will make sure that the registration process is as simple as any social website. Users' profiles will include information about their educational qualifications, profession, interests, photos, and other required information that can be accessed via their other social media profiles, making it easier to register themselves. Searching is one essential parameter in any matrimonial website. The site will have advanced search options that will allow one to search with what they are looking for in the partner like education, caste, profession, location, income, interests, etc. The site will have membership plans that allow users to look at more profiles, details of the person they are interested in, etc. It will get divided into separate tiers with different allowances to each plan. One can change their plan at any time. The entire web application will be based on user's customization interests and partner preferences which they can change at any time.

## III. MODELING AND ANALYSIS

### Problem definition

Existing matrimonial systems are developed to search out the match between bride/groom as per their age, faith or caste. But the drawback of such systems is it doesn't match the behavior of the bride/groom to find out the perfect match. To find out the perfect match and understand the behavior we proposed a Matrimonial Web Application which uses Machine Learning to understand the user's behavior and suggest real-time appropriate profiles. In today's digital age, people still tend to believe in the old age traditions of finding a partner. They meet a stranger who their parents like and agree to spend the rest of their lives with them. A relationship based on the couple's mutual interests, likes, dislikes, preferences, taste, etc. tends to be an everlasting bond between them. The stronger their bond, the more they grow in every way possible.

### Solution

- Chance to meet with serious alliance seekers

Matrimonial sites are not like dating sites. They work with a serious purpose, therefore only genuine members who are serious about finding their life partners register their profiles with these sites.

- Organized search

Our Matrimonial site will also feature a host of search tools that give you the right kind of filters to narrow down your search results to a few focused options.

- Most suitable life partners

One must find the most suitable life partner who will share the journey of your life with all its burdens and pleasures for the rest of your life

Proposed architecture

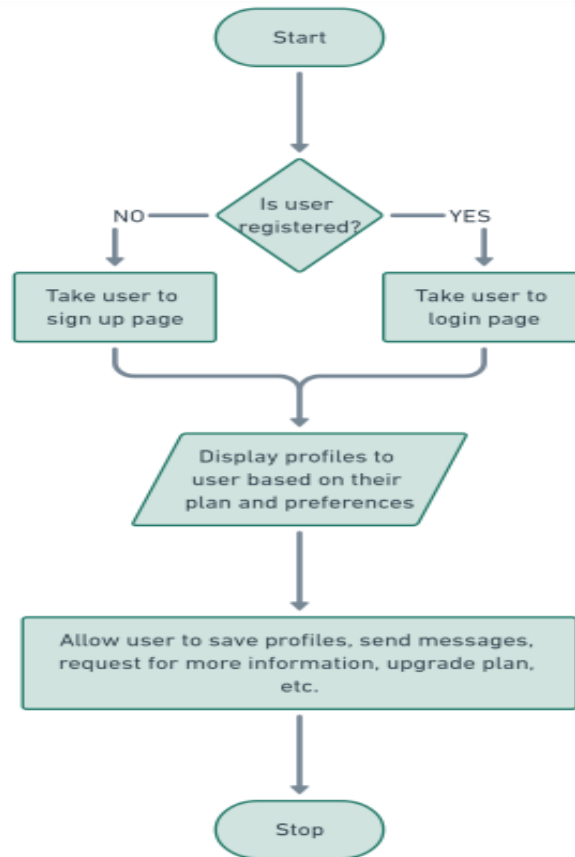


Figure 1: The proposed flow of the project

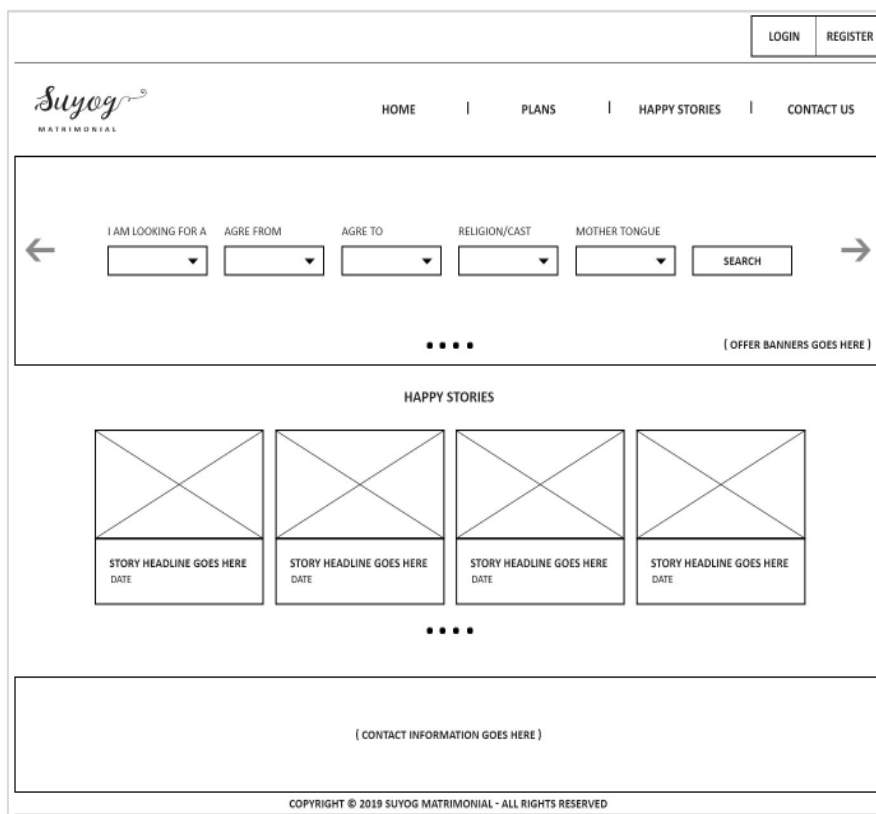



Figure 2: Home page - wireframe

[LOGIN](#) | [REGISTER](#)



[HOME](#) | [PLANS](#) | [HAPPY STORIES](#) | [CONTACT US](#)

### CREATE YOUR ACCOUNT

FIRST NAME

GENDER

DATE OF BIRTH

ON BEHALF

PASSWORD

LAST NAME

EMAIL

PHONE NO.


CONFIRM PASSWORD

BY CLICKING REGISTER YOU AGREE TO OUR TERMS AND CONDITIONS

[LOGIN HERE](#)

Figure 3: Sign up page – wireframe

[LOGIN](#) | [REGISTER](#)



[HOME](#) | [PLANS](#) | [HAPPY STORIES](#) | [CONTACT US](#)




### LOG IN TO YOUR ACCOUNT


EMAIL

PASSWORD

REMEMBER ME    [FORGOT PASSWORD ?](#)  
 NEW HERE? CREATE AN ACCOUNT FROM HERE!

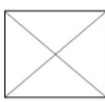
Figure 4: Sign in page – wireframe




USERNAME, LOGOUT



[HOME](#) | [SEARCH PROFILE](#) | [PLANS](#) | [HAPPY STORIES](#) | [CONTACT US](#)

PROFILE
MY INTEREST
SHORTLIST
MESSAGING
IGNORED LIST



USER NAME  
PROFILE SUBTITLE

9 FOLLOWERS

PROFILE INFORMATION

[EDIT ALL](#)

MEMBER ID - 479CDDC01

INTRODUCTION

LOREM IPSUM DOLOR SIT AMET, CONSECETUR ADIPISCING ELIT, SED DO EIUSMOD TEMPOR INCIDIDUNT UT LABORE ET DOLORE MAGNA ALIQUA. UT ENIM AD MINIM VENIAM, QUIS NOSTRUD EXERCITATION ULLAMCO LABORIS NISI UT ALIQUIP EX EA COMMODO CONSEQUAT. DUIS AUTE IRURE DOLOR IN REPREHENDERIT IN VOLUPTATE VELUT ESSE..

BASIC INFORMATION

FIRST NAME	LAST NAME
GENDER	EMAIL
AGE	MARITAL STATUS
NUMBER OF CHILDREN	AREA
ON BEHALF	MOBILE
DATE OF BIRTH	

EDUCATION AND CAREER

HIGHEST EDUCATION	OCCUPATION
ANNUAL INCOME	

PHYSICAL ATTRIBUTES

HEIGHT	WEIGHT
EYE COLOR	HAIR COLOR
COMPLEXION	BLOOD GROUP
BODY TYPE	BODY ART
ANY DISABILITY	

Figure 5: Profile page – wireframe

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#### **IV. CONCLUSION**

The web application will help the bride/groom find what they are looking for in their partner. Bride/Groom can directly search partners according to their required criteria. It assists the user by providing profiles of perspective "Bride" or "Groom" and other information regarding them online. The matrimonial web application will provide a facility to change preferences about the partner. The application 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 AI 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.

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#### **V. REFERENCES**

- [1] Matrimonial website and app development, AIGTE Technologies, <https://www.aigtechnologies.in/shaadi-portal/>
- [2] "Match prediction matrimonial web application", IRJET V7I3916
- [3] Matrimonial project portal, Nevon projects, <https://nevonprojects.com/matrimonial-portal-project/>
- [4] The purpose of a good matrimonial website, <https://www.wedgatematrimony.com/the-purpose-of-a-good-matrimonial-site/>
- [5] Matrimonial sites play a vital role in Indian matchmaking industry, <https://www.matchfinder.in/blog/matrimonial-sites-play-a-vital-role-in-indian-matchmaking-industry/>