

MATRIMONIAL PROFILE MATCHING ON BEHAVIOUR OR NATURE

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Abstract: 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.

Keywords: Web Application, Data mining learning. Bride, Groom

INTRODUCTION

This online matrimonial site is mainly developed to let individual find their potential matches for marriage according to their priorities set. This project allows the phrase 'Marriages are made in heaven' to be rephrased as 'Marriages are now made online'. This application allows to browse profiles of those who have registered themselves on this site. This allows individual to give their information such as Name, Gender, Religion, Caste, Marital status, Current salary, Occupation etc. This application also allows to upload photo of the individual registering and also allows to upload kundali picture of the individual. The person looking for marriage can register and search for a profile that matches their requirement. This application allows individual to search by gender, age, religion, caste, marital status and also allows individual to view kundali which today is at highest priority in many caste. When an individual selects a profile which matches his or her requirement, it can the send an email indicating his or her interest and the email will be sent along with the sender's details. Thus this application allows individual to let others view its profile and also allows it to view others profile depending on the priority set

LITURATURE SURVEY

Sucanyaa Iyer et.al This paper proposed Technological innovations and advent of e-commerce have given rise to the internet portals in recent times. One such development can be seen in the field of matrimony. The evident cultural shift in the outlook of marriage in India and adoption to new technology has enabled the growth of matrimonial service portals. Dispersed families adapt to online matrimonial services to seek most of the marriage-related information. Most of the matrimonial portals that hold the major market share work on freemium model. The present study attempts to analyze the influences that motivate online matrimony service users to become a paid member rather than being a free member. We explore the question using a logistic regression model on the data obtained from one of India's premier matrimony portals. Our results show significant gender-based differences in terms of factors that influence the proclivity to take a paid membership. By this attempt the study aims to help the matrimonial service providers to target their customers/members efficiently and effectively.

Vaibhav Vasani et.al The paper proposed Marriage is an important part of human life but when it comes to India, it's religious, as they knot for seven lifetimes as per says. Indians are more emotionally, religiously and socially attached to marriage. Quest for finding the bride and groom, is the part of each and every aspirant bride and groom throughout the world. Objective of development of a system to tackle the detecting bogus bride to be and groom to be from matrimonial platforms using machine learning approach. Labelled dataset is used for building the model based on Logistic Regression, Random Forest Classifier, XGB Classifier and Support vector machine classifier with good accuracy. This system will be helpful for keeping users intact to the platform rather than losing the users due to exploitation of bogus users. Random Forest Classifier based machine learning approach fits the data extremely well and detects the bogus or genuine profile with a high accuracy.

Dolley Srivastava et.al The paper proposed the paper discusses the intelligent running of the matrimony website where the user is given intelligent outcome using the information generated by the machine itself. There are two problems which the authors have tried to solve one is problem to make the web documents distinguishable between information content and presentation ("solved" by XML). Secondly, the problem of representing different web documents in different ways semantically related pieces of information using the concept of Friend of a Friend, FOAF.

Carlos Eduardo Ferreira et.al The paper proposed We consider the problem of deciding the existence of matrimonial circuits, and finding implexa in kinship networks. These networks can be modeled by acyclic digraphs. A matrimonial circuit can be seen as vertex-disjoint directed paths from special starting to special ending vertices of these acyclic digraphs. An implex is the set of all

matrimonial circuits of a given pair of special vertices. We present methods based on Epstein's reduction and algorithms for finding junctions to decide the existence of matrimonial circuits. The efficiency of these methods is shown in our empirical results on seven Amerindian kinship networks. To enumerate all implexa, we present an algorithm, given that the kinship network is limited. We present some descriptive statistics which help us to justify the good performance of the methods. We incorporate to our software tool, the Kinship Machine, a feature to enumerate matrimonial circuits. This tool is being used by Anthropologists to analyze Amerindian kinship networks of northern Brazil..

MOTIVATION

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

AIMS & OBJECTIVES

- Hassle-free and quick search o 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

SYSTEM ARCHITECTURE

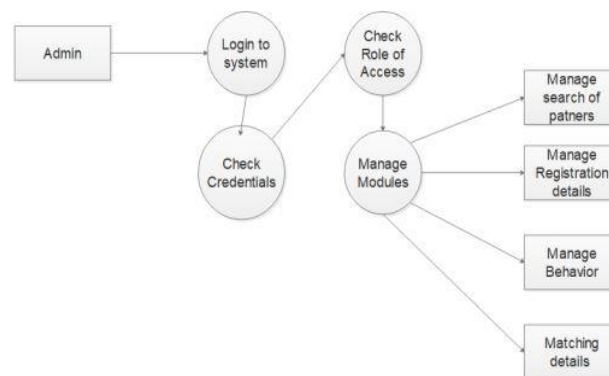


Fig -1: System Architecture Diagram

APPLICATION

- This application can be used by any individual looking for marriage

FUNCTIONAL & NON-FUNCTIONAL REQUIREMENTS

Functional requirements: may involve calculations, technical details, data manipulation and processing and other specific functionality that define what a system is supposed to accomplish. Behavioral requirements describe all the cases where the system uses the functional requirements; these are captured in use cases.

Nonfunctional Requirements: (NFRs) define system attributes such as security, reliability, performance, maintainability, scalability, and usability. They serve as constraints or restrictions on the design of the system across the different backlogs.

Functional requirements

- Registration
- User Login
- Creation of database: Users Mandatory Information

Design Constraints:

1. Database
2. Operating System
3. Web-Based Non-functional Requirements

Security:

1. User Identification
2. Login ID
3. Modification

Performance Requirement:

1. Response Time

2. Capacity
3. User Interface
4. Maintainability
5. Availability

SYSTEM REQUIREMENTS

Software Used:

- Python 3.9.0 or above,
- Kaggle
- PyCharm

Hardware Used:

- I3 processor or above
- 150 GB Hard Disk or above
- 4 GB RAM or above

CONCLUSION

The person looking for marriage can register and search for a profile that matches their requirement. This application allows individual to search by gender, age, religion, caste, marital status and also allows individual to view kundali which today is at highest priority in many caste. When an individual selects a profile which matches his or her requirement, it can the send an email indicating his or her interest and the email will be sent along with the sender's details. Thus this application allows individual to let others view its profile and also allows it to view others profile depending on the priority set.

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