Chapter 1

Introduction

Matrimonial sites in India operate on the basis of bringing in technology to facilitate what was so far known as an arranged marriage. The astounding growth of online matrimonial sites is largely because of numerous choices they offer to its users, making it very convenient for them to find a suitable partner.

Matrimonial websites are big business because they blend in the traditional with the modern. Traditional families are happy that these sites offer them the choice of caste, creed, and other such parameters which they would otherwise look for in a prospective bride/groom; on the other hand, the huge database offers young people the chance to browse for someone based on their tastes, and then filter it down to someone they think they could connect to.

Keeping this objective in mind , a reliable match-making service with the help of database management system has been created.

1.1 Purpose

The purpose of this project is to design a database system to facilitate a matrimonial matchmaking service. The existing system is yet to fully evolve as the current generation need a better and a more reliable and user-friendly experience as compared to the old players of the previous generations. The intent of the project is to gather and maintain data pertaining to each individual with the required queries and to design an effective front-end application to implement the same, keeping the objective of optimizing risk management and control in mind.

1.2 Scope

Existing System: Although there are some great Database management systems , there are still many that do not have efficient data mining and retrieval methods and are thus prone to excess utilization of resources and less utilization of the ever increasing and possible facilities that could change the way a database is used to store and retrieve data. Furthermore, the authenticity of the information stored in the database is often brought into question. These are parameters we intend to bring under review while designing our database system. Many traditional databases arent used to their full capabilities and thus there is a need to stitch the method used to manipulate data in the Database systems.

Proposed System :

Proposed System objectives :- Enables seamless basic profile access by training with the datasets and generating user access pattern. Performance analysis is done on the decision tree algorithms to check the accuracy in its prediction. The above modifications will be made to the conventional traditional database management systems in order to make the application and the manipulation seamless.

Chapter 2

Software Requirements Specification

A software requirements specification (SRS) is a document that captures complete description About how the system is expected to perform. It is a comprehensive description of the intended purpose and environment for software under development.

2.1 Specific Requirements

2.1.1 Software Requirements

Operating Systems: Client Side : Any OS with a suitable web browser. Server Side : Any Linux Server Distribution Database: MySQL Server scripting: Pythons Flask framework Front End Interface: HTML, CSS, Javascript and JQuery Consequently to run the database application a suitable browser compatible with all of the aforementioned requirements is necessary. Speculated ones are Google Chrome, Mozilla Firefox.

2.1.2 Hardware Requirements

Server Side : The system will be hosted online with help of hosting services like AWS, Google Cloud Platform or Microsoft Azure.

Client Side : Any device with an Internet connection and a suitable web browser that supports HTML 3 or above.