



# **SOFTWARE REQUIREMENT SPECIFICATION FOR ONLINE MATRIMONIAL SITE**

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# **1. INTRODUCTION**

## **1.1 PURPOSE:**

This project is basically focused on all the world of people who want to find their life partner. In this website we provide facilities for all members who have a particular age limit, that is 20 years or above. This system is in process of interconnecting all the branches and to develop a custom-made software which covers functions like matrimonial management and matrimonial agency. It is the New Generation Matrimony Portal for All Communities. This application helps us to find lakhs of bride and groom profiles. This application not only takes care of registration but also contemplate on workflow, customer service, etc. No payments to be made by anyone for use of this application.

## **1.2 SCOPE:**

Online 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 the Partner according to their required criteria. The user can get information regarding their dream life partner at his/her home at his/her convenience. This application also provides a search utility which helps those users who have a certain criterion of qualities in mind to make Online Matrimonial easier.

## **1.3 ACRONYMS AND ABBREVIATIONS:**

**GUI** : Graphical User Interface.

**RAM** : Random Access Memory.

**SRS** : Software Requirement Specification.

## **1.4 OVERVIEW:**

The system is to provide Grooms and Brides with excellent matchmaking experience by exploring the opportunities and resources to meet true potential partner. Keeping our objective in mind, we have created an online matchmaking services that will touch the souls of millions of people all over the world.

## **2. OVERALL DESCRIPTION:**

The Matrimonial Application System helps to facilitate matchmaking business by applying the information in the field. It helps the user by providing profiles of perspective bride and groom and other information regarding them online. This application provides a search utility which helps those users who have a certain criterion of qualities in mind to make Online matrimonial easier.

### **2.1 PRODUCT PERSPECTIVE:**

The proposed Online Matrimonial Site which is being developed is a system that will provide an information about person nothing but life partner. He/she can find his/her life partner based on his/her qualification, height, cast and second marriage. Due to computerized and it is available online, people can register as and when they require and they can register wherever they are, so it provides lot of flexibility for people to search their companions easily.

Today, the marriage alliance arranged by known people and that are conducted manually and the amount of time required is very huge. Only they can help to know only few alliances.

### **2.2 PRODUCT FUNCTION:**

The Online Matrimonial Site System real time information about life partner in the site. The Product functions are more or less the same as described in the product perspective. The functions of the system include the system providing different type of services based on the type of users.

- The website provides login facility to the users.
- The Operator should be provide the updated information about person who are register to this site.
- Provisions for the users to set privileges. He/She can fix priorities also for his searching.
- The customer can get the information about person that is matches to his/her profile.

## **2.3 USER CHARACTERISTICS:**

User should be familiar with the terms like login, register, finding matching.

## **2.4 PRINCIPLE ACTORS:**

- **Admin:** Admin will be able to do anything they want like adding new agents/users to the system and Permit them with proper access rights. User id and password is given to the agent by administrator.
- **User:** Users can send mail about their requirements.

## **2.5 GENERAL CONSTRAINTS:**

- A full internet connection is required
- Each customer must keep their password as confidential. More over the customer must have individual user names for creating a login in the Online Matrimonial Site system. Only Administrator can control customer addition and deletion in the system.
- The developed system should run under any platform (Unix, Linux, Mac, Windows etc.) that contains a web browser.

## **2.6 ASSUMPTIONS AND DEPENDENCIES:**

- Administrator is created in the system already.
- Roles and tasks are predefined.
- The users have sufficient knowledge of computers.
- The users know the English language, as the user interface will be provided in English
- Each User must have a User Id and password
- There is only one Administrator.

### **3. FUNCTIONAL REQUIREMENTS:**

This section provides requirement overview of the system.

Various functional modules that can be implemented by the system will be-

#### **3.1 DESCRIPTION:**

##### **3.1.2 LOGIN**

User logs in to the system by entering valid user id and password for the further actions.

##### **3.1.3 CREATION OF NEW USER:**

**Introduction:** This process will provide a user account.

**Input:** User id, user password and other personal details.

**Processing:** It will store the User id and password if appropriate in the User database.

**Output:** Appropriate Message displayed telling account created.

##### **3.1.3 USER VERIFICATION:**

**Introduction:** This process will verify the user id and password.

**Input:** User id and user password.

**Processing:** It will verify the User id and password from the User database.

**Output:** Appropriate Message displayed based on Verification of User id and password

##### **3.1.4 DELETING USER**

**Introduction:** Delete Existing User.

**Input:** User id/username.

**Processing:** Deletion of existing User.

**Output:** Existing user deleted from Database

### 3.1.5 SEARCH PROCESS

**Introduction:** Search on Advance Search, Quick Search, Search by City, Search by Id, Search by Profession.

**Input:** Search option.

**Processing:** Search based on criteria in database.

**Output:** Availability and locality with its complete details

### 3.1.5 PAID USER REGISTRATION:

**Introduction:** Allows the users to finalise their choice as per their budget.

**Input:** User Id, password and requirements.

**Processing:** Search and mailing.

**Output:** update availability in database.

### 3.1.5 LOGOUT

After completed the basic details and searching, the user can logout from the website.

## 3.2 NON FUNCTIONAL REQUIREMENTS:

Nonfunctional requirement define the needs in terms of performance, logical database requirements, design constraints, standards compliance, reliability, availability, security, maintainability and portability.

## 3.3 PERFORMANCE REQUIREMENTS

In order to maintain an acceptable speed at maximum number of uploads so that users can access to the system at any time. Also the connections to the servers will be based on the attributes of the user like his/her priorities, server will be working 24X7 times. The software shall support use of multiple users at a time.

### **3.4 DATABASE REQUIREMENTS**

Database requirements include the store of data that comes from the software in a secure manner. All the confidential data related to the users should be kept in the database after encrypting the data. So that the data will be safe.

### **3.5 TECHNICAL ISSUES:**

This system will work on client-server architecture. It will require an internet server and which will be able to run PHP application. The system should support some commonly used browser such as Mozilla Firefox, chrome etc.

### **4. INTERFACE REQUIREMENT:**

Various interfaces for the product could be-

- 1). Login Page
- 2). Registration Form
- 3). There will be a screen displaying information about other users according to your preferences
- 4). If the user want to search the other user details, they can view it.
- 5). After finding a perfect match they can communicate with each other.

### **4.1 USER INTERFACE**

Each part of the user interface intends to be as user friendly as possible. The fonts and buttons used will be intended to be very fast and easy to load on web pages. The pages will be kept light in space so that it won't take a long time for the page to load.

### **4.2 SOFTWARE INTERFACE**

- Operating system : Microsoft Windows XP / above
- Platform : WAMP
- Front End : PHP
- Back End : MySQL Server
- Web Browser : Chrome, Mozilla Firefox etc.

### **4.3 HARDWARE INTERFACE**

This describes the logical and physical characteristics of each interface between the software product and hardware components of the system.

- Processor : Intel Pentium Dual Core / above
- Hard Disk Space : 80 GB or more
- Ram : 1GB or more so that data access can be made faster.
- Display : 14.1 Color Monitor (LCD, CRT or LED)
- Clock Speed : 2.24 GHz

### **4.4 COMMUNICATION INTERFACE**

The Website system shall send an e-mail confirmation to the customer when the user registration is success.

### **5. REFERENCES**

1. Pressman, R.S., “Software Engineering: A Practitioner’s Approach”,7th Edition, 2010
2. AviSilbertschatz, HenryF.Korth, S. Sudarshan, “Database System Concepts” Fifth Edition, Pearson education