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Online matrimonial site

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Submitted By

AP21110010844 - N VAMSI AP21110010834 - REVANTH AP21110010833 - NITHIN

Under the guidance of

POONAM YADAV



Department of Computer Science and Engineering SRM University, AP

Neerukonda, Mangalagiri, Guntur

Andhra Pradesh – 522 240

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Department of Computer Science and Engineering
SRM University, AP



CERTIFICATE

This is to certify that the Project report entitled **is online matrimonial site** being submitted by [AP21110010844 - N VAMSI AP21110010834 - REVANTH AP21110010833 – NITHIN] a students of Department of Computer Science and Engineering, SRM University,AP, in partial fulfillment of the requirement for the degree of “**B.Tech(CSE)**” carried out by her/his during the academic year 2021-2022.

Signature of the Supervisor

Prof.POONAM YADAV

Signature of Head of the Dept.

Acknowledgement

The satisfaction that accompanies the successful completion of any task would be incomplete without introducing the people who made it possible and whose constant guidance and encouragement crowns all efforts with success.

I am extremely grateful and express my profound gratitude and indebtedness to my project guide, **POONAM YADAV** Lecturer, Department of Computer Science & Engineering, SRM University, Andhra Pradesh, for her kind help and for giving me the necessary guidance and valuable suggestions in completing this project work.

**AP21110010844 -
N.VAMSI**

**AP21110010834 -
REVANTH**

**AP21110010833 - NITH
IN**

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ABSTRACT

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.

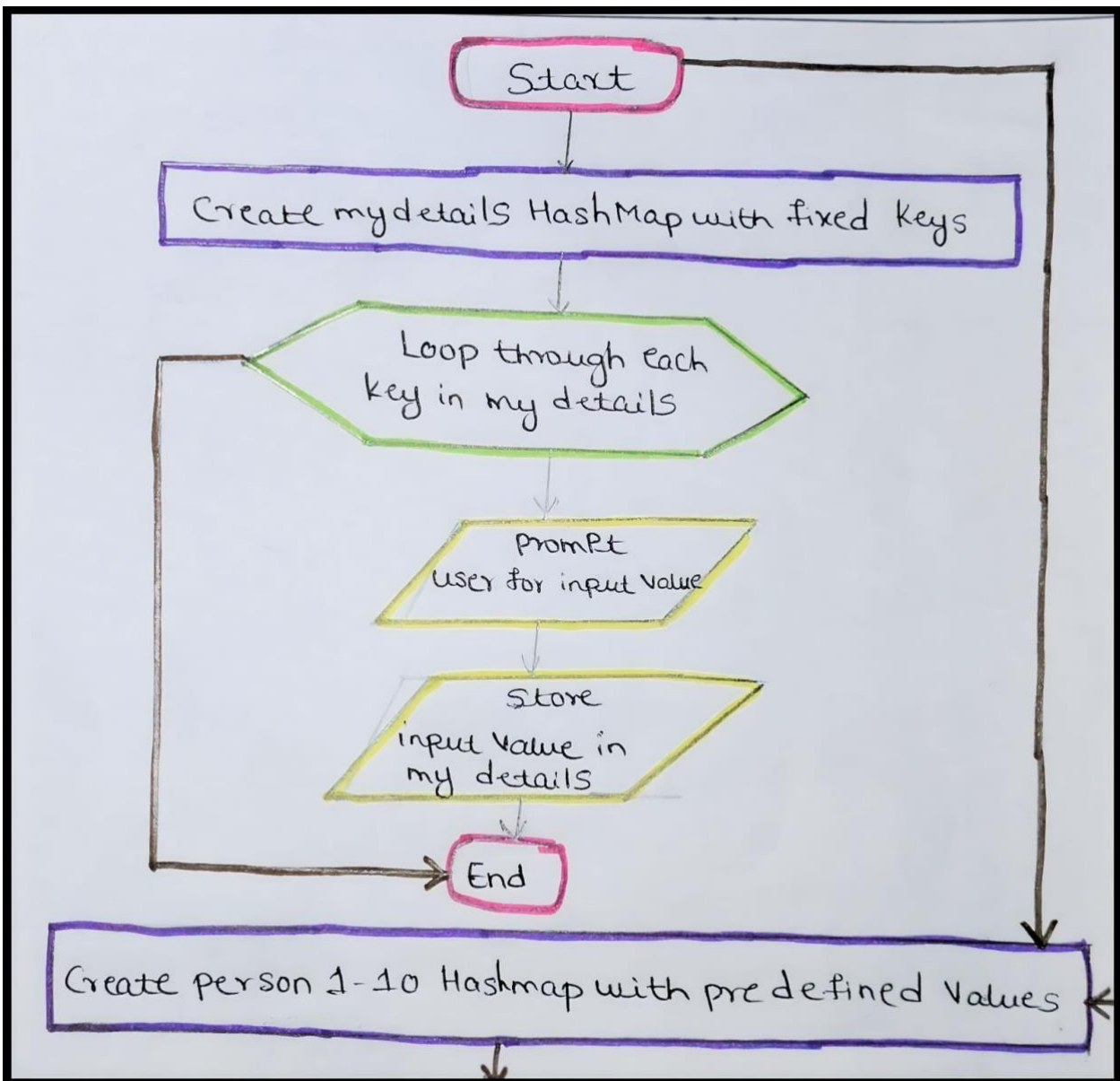
SOFTWARE AND HARDWARE REQUIREMENTS

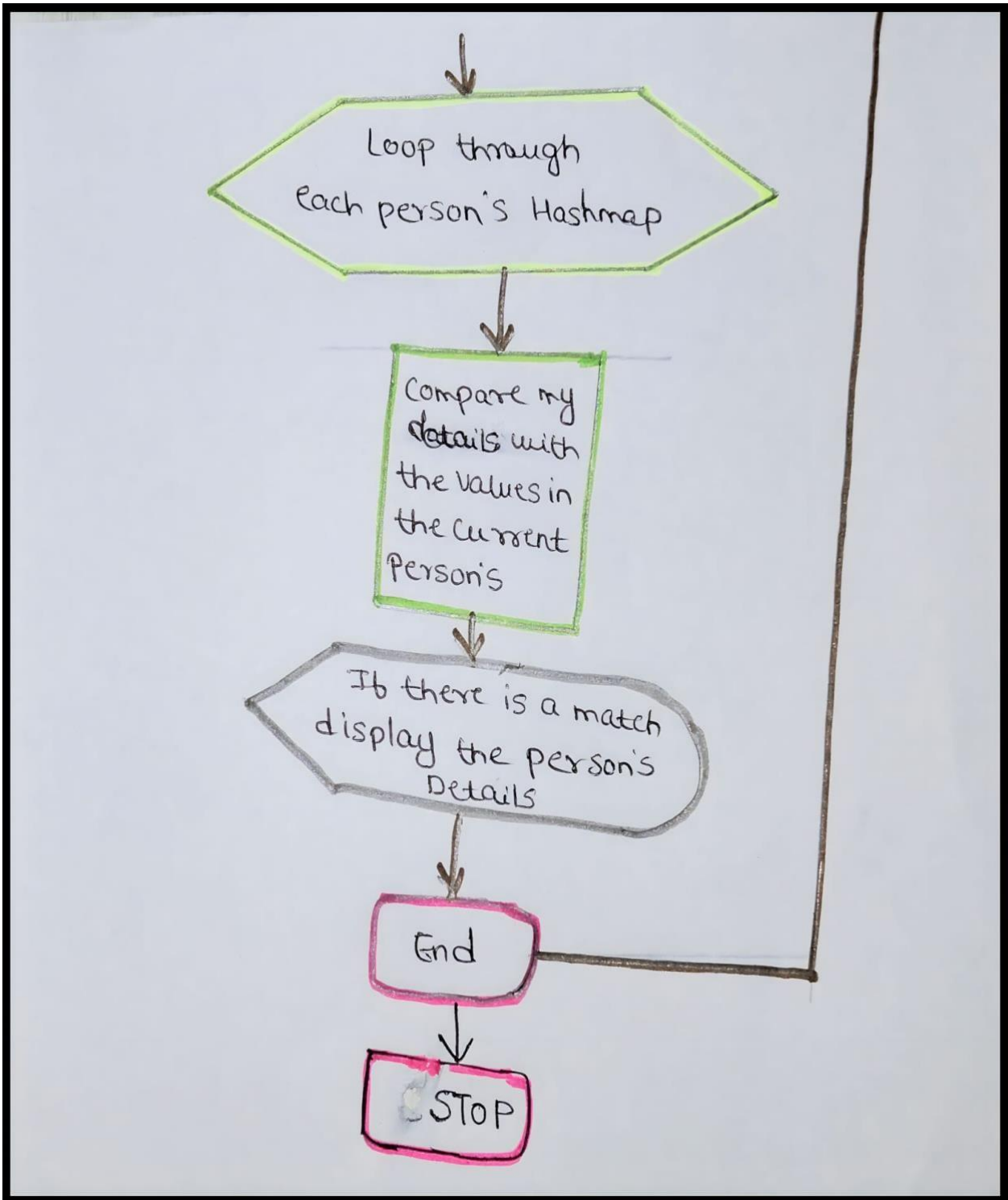
The hardware requirements for running this code are relatively modest, as the code itself is not particularly demanding. A basic desktop or laptop computer should be sufficient, with a modern processor, at least 4 GB of RAM, and sufficient storage space to accommodate the files that will be created. As for software requirements, the code is written in Java and requires a Java Development Kit (JDK) to compile and run. Additionally, the code uses standard input/output and file I/O operations, so it should be compatible with any operating system that supports these features. In summary, the hardware and software requirements for running this code are:

Hardware: A desktop or laptop computer with a modern processor, at least 4 GB of RAM, and sufficient storage space.

Software: A Java Development Kit (JDK) and an operating system that supports standard input/output and file I/O operations.

Flowchart





ALGORITHM

Start the program.

Create a HashMap my details with fixed keys and null values. Add the following keys to my details: Name, Gender, DOB, Religion, Mother Tounge, Country living in, Mobile number, Residing state, City, Height, Weight, Education, Occupation, Employed in, Monthly income, Habits, Food, Interests, E-mail Id.

Create a Scanner object to read input from the user. Loop through each key in my details and prompt the user to enter the corresponding value. Store each user input value into my details with the corresponding key.

Create four HashMap to store the matrimonial details of different persons. For each person HashMap, add the following keys and values:

- a. Name

- b. Gender

- c. DOB

- d. Religion

- e. Mother Tongue

- f. Country living in

- g. Mobile number

- h. Residing state.

- i. City

- j. Height

- k. Weight

- l. Education

- m. Occupation

- n. Employed in
- o. Monthly income
- p. Habits
- q. Food
- r. Interests
- s. Family type

Compare the values in my details with the values in each person's HashMap.

If there is a match, display the details of the corresponding person. End the program.

CODE:

```
package myproject;

import java.io.IOException;

import jakarta.servlet.ServletException;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import jakarta.servlet.http.HttpSession;
import java.util.*;

@SuppressWarnings("serial")
public class Register extends HttpServlet
{
    public void doGet(HttpServletRequest req,HttpServletResponse res) throws
IOException, ServletException
    {
        HttpSession session=req.getSession();
```

```
        LinkedHashMap<String, String> mydetails = new LinkedHashMap<>();  
        mydetails.put("Name:", req.getParameter("name"));  
        mydetails.put("Gender:", req.getParameter("gender"));  
        mydetails.put("Date of Birth:", req.getParameter("dateofbirth"));  
        mydetails.put("Religion:", req.getParameter("religion"));  
        mydetails.put("Mother Tongue:", req.getParameter("mothertongue"));  
        mydetails.put("Country:", req.getParameter("country"));  
        mydetails.put("Mobile Number:", req.getParameter("mobilenumber"));  
        mydetails.put("State:", req.getParameter("state"));  
        mydetails.put("City:", req.getParameter("city"));  
        mydetails.put("Height:", req.getParameter("height"));  
        mydetails.put("Weight:", req.getParameter("weight"));  
        mydetails.put("Education:", req.getParameter("education"));  
        mydetails.put("Occupation:", req.getParameter("occupation"));  
        mydetails.put("Employed In:", req.getParameter("employedin"));  
        mydetails.put("Income:", req.getParameter("income"));  
        mydetails.put("Habits:", req.getParameter("habits"));  
        mydetails.put("Food:", req.getParameter("food"));  
        mydetails.put("Interests:", req.getParameter("interests"));  
        mydetails.put("E-mail Id:", req.getParameter("email"));  
        mydetails.put("Password:", req.getParameter("password"));  
  
        session.setAttribute("mydetails", mydetails);  
        res.sendRedirect("login.jsp");  
    }  
}
```

FUTURE SCOPE

The future scope of online matrimony looks very promising, as more and more people are turning to online platforms to find their life partners. Here are a few reasons why:

Increasing Internet Penetration: With the increasing penetration of the internet in both urban and rural areas, more and more people are becoming comfortable using online platforms for various purposes, including matrimony.

Convenience: Online matrimony platforms offer the convenience of searching for a life partner from the comfort of one's own home or office, without having to physically go out and meet people.

Large user base: Online matrimony platforms have a large user base, which means that individuals have a greater chance of finding a suitable match.

Better safety measures: Online matrimony platforms have started implementing better safety measures such as background verification, security checks, and even AI-based fraud detection systems to ensure the safety of their users.

Overall, the future scope of online matrimony looks very bright, with the potential to become the preferred choice for people looking to find their life partners.

NOTE:

Note that this program has several potential security vulnerabilities and is not suitable for production use. For example, it stores passwords in plain text, does not sanitize user input, and has no validation checks. It is intended only as a learning exercise.

ALERT

Be aware of online matrimony fraud.

How to spot ?

The profile picture.

Look for inconsistent information and details.

Frequent edits.

If the person asks for money.

When the person puts a lot of pressure on you.

REFERENCES

Java point

W3schools

Class room Lectures

Matrimonial site