CS108 Project
Report

Looking for a Date?

Submitted in partial fulfillment of
the requirements for the award of the degree of

Bachelor of Technology
in
Computer Science and Engineering

Submitted by
23B1068, Vaibhav Singh

Under the professor
Kameswari Chebrolu

Department of Computer Science and Engineering
Indian Institute of Technology Bombay
Powai, Maharashtra, India – 400 076

Spring Semester 2024

Department of Computer Science and Engineering

Indian Institute of Technology Bombay

Certificate

This is to certify that this is a bonafide record of the project presented by the student named below during the Spring semester of 2024 in partial fulfillment of the requirements of the degree of Bachelor of Technology in Computer Science and Engineering.

Name: Vaibhav Singh
Roll Number: 23B1068

Kavya Gupta
(Project TA)

Kameswari Chebrolu
(Course Coordinator)

Date:

Abstract

¡Abstract here¿

Contents

List of Figures

Chapter 1

Problem Definition

In the contemporary digital landscape, the way individuals seek romantic connections has evolved significantly. With the proliferation of online dating platforms, there is a growing demand for user-friendly and efficient solutions that facilitate meaningful interactions among individuals. Recognizing this need, our project aims to develop a dating website using HTML, CSS, and JavaScript to provide a platform for users to discover potential matches based on shared interests and preferences.

1.1 Objectives

- **Create a User-Friendly Interface:** Our primary objective is to design and implement a user-friendly interface that allows users to input their personal details easily and navigate the website seamlessly.
- **Implement Secure Login Mechanism:** We aim to incorporate a secure login mechanism to ensure that registered users can access their accounts securely. Additionally, we will provide a password recovery system for users who forget their passwords.
- **Facilitate Profile Matching:** Our project will focus on implementing algorithms to match user profiles based on shared interests and hobbies. We will develop criteria to determine the "right match" for each user and present matched profiles accordingly.
- **Enhance User Experience:** We strive to enhance the overall user experience by incorporating features such as scrolling/swiping through profiles, liking/rating profiles, applying filters, and providing an option to contact matched profiles via email.

1.2 Scope

- Our project will focus on developing the core functionalities of the dating website, including the login page, input interface, profile matching algorithms, and output interface.
- We will utilize predefined student profiles stored in a JSON file named students.json to simulate user interactions and profile matching.
- Customisations beyond the basic tasks will be explored to enhance the functionality and user experience of the website.

Chapter 2

Introduction

2.1 Background and Recent Research

2.1.1 ¡any sub section here¿

2.1.2 Literature Survey

¡Sub-subsection title¿

some text[1], some more text

¡Sub-subsection title¿

even more text[1], and even more.

2.2 Motivation

[1] ¡footnote here¿

Chapter 3

Work Done

3.1 Basic Tasks

3.1.1 Login Page

3.1.2 ¡Sub-section title¿

some text[2], some more text

3.1.3 ¡Sub-section title¿

3.1.4 ¡Sub-section title¿

Refer figure 3.1.

Figure 3.1: ¡Caption here¿

3.1.5 ¡Sub-section title¿

3.2 ¡Section title¿

Chapter 4

Future Work

¡Future work here¿

Chapter 5

Conclusion

¡Conclusion here¿

Acknowledgments

¡Acknowledgements here¿

¡Name here¿

¡Month and Year here¿
National Institute of Technology Calicut

References

[1] ¡Name of the reference here¿, `<urlhere>`

[2] ¡Name of the reference here¿, `<urlhere>`