A

PROJECT REPORT ON

"Matrimonial Site"

-Payment Module

SUBMITTED BY
Chaitanya Kashinath Dharpale

UNDER THE GUIDANCE OF
"Prof. Yugandhara Patil"

IN PARTIAL FULFILMENT OF
Award of the Degree of
MASTER OF COMPUTER APPLICATION
(Sem IV)

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY

THROUGH

YASHASWI EDUCATION SOCIETY'S
INTERNATIONAL INSTITUTE OF MANAGEMENT SCIENCE
CHINCHWAD, PUNE
ACADEMIC YEAR 2023-2024

DECLARATION

I, **Chaitnya Kashinath Dharpale,** student of International Institute of Management Science, Chinchwad, Pune, hereby declare that this Industrial Project report entitled "**Matrimonial Site**" is a bonafide record of work done by me for the partial fulfilment of the requirement for the degree of **Master of Computer Application** (M.C.A) through Savitribai Phule Pune University.

I, hereby, declare that I have adequately referenced the original sources and this is my original work. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

(Signature)

Chaitnya Kashinath Dharple
IIMS, Chinchwad, Pune.

ACKNOWLEDGEMENT

(Signature)

Chaitnya Kashinath Dharpale

IIMS, Chinchwad, Pune.
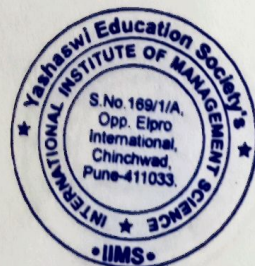
CERTIFICATE

This is to Certify that **Chaitnya Kashinath Dharpale** is a Bonafide student of **International Institute of Management Science, Chinchwad, Pune**, worked on **MCA Sem IV Industrial Project** title **Matrimonial Site** and has successfully completed project work in partial fulfillment for award of degree **Master of Computer Application (MCA) Sem IV** of Savitribai Phule Pune University.

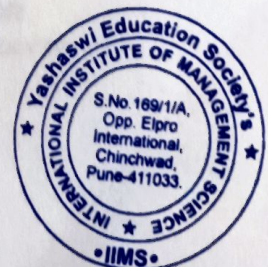This report is the record of Student's own efforts under our supervision and guidelines.

Date :

Internal Guide

HOD-MCA

Dr. Shivaji Mundhe
Director
IIMS, Chinchwad

Internal Examiner

External Examiner

SUNRISE TECHNOLOGY

PROJECT COMPLETION CERTIFICATE

REF NO. 2214

DATE: 22 MAY 2024

This is to certify that the dedicated team at Sunrise Technology Pvt Ltd has successfully completed the half internship on 01 Feb 2024 to 22 May 2024 Teli Vivah Yuvamcnch matrimony website project.

Their hard work, commitment, and technical expertise have been instrumental in achieving this significant milestone. We appreciate their efforts and look forward to their continued excellence and dedication towards the successful completion of the project.

Project Name: Teli Vivah Yuvamcnch Matrimony Website

Issued to: Chaitnya Kashinath Dharple

Thank you for your outstanding contribution.

ATUL ZOPATE

DIRECTOR

SUNRISE TECHNOLOGY PVT LTD
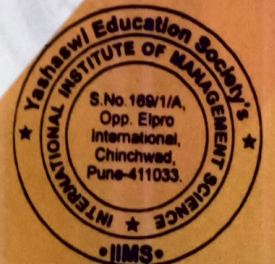
Plagiarism Checker X - Report

Originality Assessment

10%

Overall Similarity

Date: Apr 24, 2024
Matches: 387 / 4014 words
Sources: 11

Remarks: Low similarity detected, consider making necessary changes if needed.
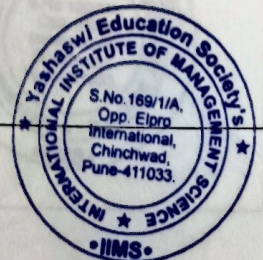
Verify Report:
Scan this QR Code

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LIST OF TABLES

LIST OF FIGURES

1.1 Introduction

- Welcome to Teli Vivah Yuva Mancha, which understands the sanctity of marriage and strives to provide a seamless and safe platform for individuals looking for a life partner in Teli Samaj. Our dedicated team aims to provide a personal and secure experience for our users, prioritizing their unique needs and requirements.

- At Teli Vivah we believe in transparency and commitment. We have implemented a secure payment gateway system to maintain the integrity of our platform. Registration on our site is regulated and users have to pay INR 500 to ensure a serious and committed user base.

- We prioritize user convenience with hassle-free access to accounts and a secure "Forgot Password" feature. Additionally, customers and managers receive instant notifications when payments are successful, keeping everyone informed and engaged throughout the process.

- Multilingualism is a key feature of our platform that allows users to choose between Marathi and English and makes the experience more inclusive.

- To protect the identity of our community, we limit membership to individuals belonging to Teli Samaj. Users can customize their profile settings by uploading photos during registration and adding galleries for others to view.

- Our platform supports multiple gender profiles allowing users to choose from male, female or others. Privacy is a priority and users only see profiles of other genders after registering or logging in. Advanced search filters allow users to find potential matches based on occupation, education, height, weight, and age.

- User accounts are active for three months to ensure the viability of our community. A renewal fee of INR 500 is required to reopen the account after this period. Users receive timely notifications and alerts to stay informed about their profile status.

- We're breaking out of traditional dating platforms by adding features like matchmaking. Users can show interest in their favorite individuals and once accepted, engage in meaningful conversations through our secure messaging system.
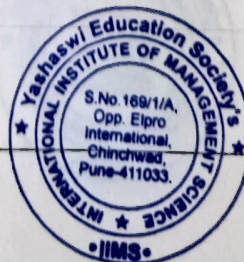
1.2 Company Profile

Sunrise Technology Company Profile

Company Name: Sunrise Technology

Location: Yavatmal, Maharashtra, India

Director: Mr. Atul Zopate

Overview:

Sunrise Technology is a dynamic and innovative IT company committed to providing cutting-edge technological solutions to its clients. With a strong focus on web development, the company specializes in creating customized websites and applications tailored to the unique needs of its clients.

Expertise:

-Web Development: Crafting user-friendly and visually appealing platforms that enhance the online experience.

-Custom Solutions: Developing tailored websites and applications to meet specific client requirements.

Recent Projects:

Sunrise Technology recently collaborated with Atul Zopate Sir to develop a Matrimonial site. Leveraging their technical expertise and creative skills, the team at Sunrise Technology built a robust and secure platform to connect individuals in their search for life partners. Key features of the Matrimonial site include:

- Advanced search algorithms

- Comprehensive privacy features

- Seamless user interface

Commitment to Quality:

Sunrise Technology prides itself on its dedication to delivering high-quality solutions that exceed client expectations. The company boasts a talented team of professionals and a customer-centric approach, continuing to make significant contributions to the IT industry.
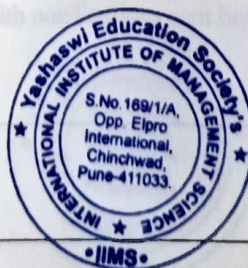
1.3 About Existing system

An Unmatched Family Experience Teli Vivah Yuva Mancha is dedicated to providing a seamless platform for individuals within the Teli Vivah Yuva Mancha community to deliver a personalized and secure experience.

1. **Commitment through payment**: A reliable payment gateway requires a registration fee of 500 INR to increase commitment and seriousness among users.

2. **User-friendly features**: Login is made hassle-free with features like Forgot Password and push notifications to guide users and administrators through the entire process.

3. **Multilingual support**: The platform supports Marathi and English languages, increasing inclusiveness for different user languages.

4. **Personalization and Personalization**: Members of Teli Samaj, users personalize their profile by uploading photos and creating a gallery.

5. **Gender Privacy**: The profile of the opposite gender is visible after registration, respecting the user's privacy.

6. **Advanced Search Filter**: Users can find exact matches based on criteria such as profession, education, height, weight and age.

7. **Account Validity and Renewals**: User accounts are valid for three months and require a renewal fee of INR 500 for continued access and appropriate notification for user awareness.

8. **Transparent profile management**: The system includes manual and automatic profile deletion options that provide transparency in account management with notifications sent before automatic deletion.

1.4 Limitations of the System:

1. **Financial Barrier**: The registration fee of around INR 500 may be a financial barrier for some users, excluding those with limited financial means.

2. **Three-Month Account Validity**: The three-month term for user accounts may impose limitations, require timely renewals, and may lead to termination of user engagement.

3. **Relying on Secure Payments**: Relying on secure payment gateways for accounts can affect user purchases and disrupt online financial transactions.

4. **Language Limitations**: Despite being multilingual, the platform is currently limited to Marathi and English, excluding people who prefer other languages.

5. **Profile Deletion Policy**: Automatic profile deletion may result in data loss affecting user satisfaction for users who forget to update or do not receive timely alerts.
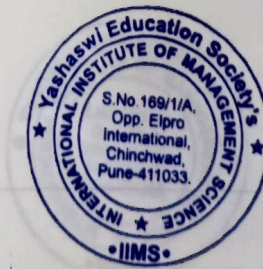
1.5   Need of System

1. <u>Cultural Affinity</u>: Teli Vivah Mancha recognizes the need for a platform that meets the cultural needs and requirements of Teli samaj, fostering a sense of cultural affinity in finding a life partner.

2. <u>Personalization and Authenticity</u>: Recognizing the unique needs of individuals in the Teli community, the platform aims to provide a personal and authentic experience, fulfilling their special needs and expectations in their marriage journey.

3. <u>Reliable and smooth process</u>: The implementation of a reliable payment gateway ensures commitment to the integrity of the platform by offering users a secure and streamlined registration process that creates a serious and loyal user base.

4. <u>Inclusive Multilingual Features</u>: The addition of multilingual support for Marathi and English reflects the need for inclusiveness to accommodate users who prefer different languages and create a more accessible and welcoming environment.

5. <u>Community specificity</u>: By limiting membership to individuals in the social network, the platform meets the need for a specific community where users can interact with like-minded people who share common cultural values and traditions.

6. <u>Advanced Search Filter</u>: The advanced search filter template meets the need for comparative accuracy that allows users to find a potential life partner based on specific criteria such as occupation, education, height, weight and age.

1.6 Software Specifications

Operating System	Windows 10
Database Server	MongoDB
Front End	React Js
Back End	Flask, Spring Boot/MongoDB
Tools	Vs code

1.7 Hardware Specifications

Processor	Pentium 4 or above
Processor Speed	2.4GHZ
Hard Disk Space	500MB
Ram Memory	512 MB
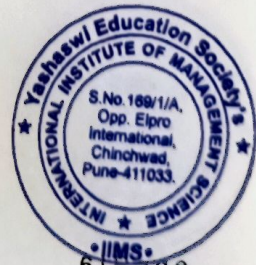
1.8 Business Objectives

1. **Community Building**: Fostering a vibrant community and being active in the community, connecting individuals through meaningful relationships and contributing to cultural integrity and community unity.

2. **Expand the user base**: Increase the user base by attracting individuals from the Teli community looking for a life partner, expand the reach of the platform and provide a variety of games.

3. **Income Generation**: Earning stable income through registration fee of 500 INR and renewal fees, ensuring financial viability for continuous improvement of the platform and service improvement.

4. **Brand recognition**: Establishing Teli Vivah as a trusted and trusted brand in the Teli community, becoming a platform for marriage seekers.

5. **Enhanced user experience**: Prioritize user satisfaction by continuously improving and optimizing platform features to provide a seamless, user-friendly and personalized experience.

6. **Cultural Preservation**: Contribute to the preservation and promotion of Teli culture and traditions by providing a platform that is in line with the cultural values of the community.

1.9 System Objectives

1. **User Registration Efficiency**: Control the user registration process to increase efficiency and provide a fast and straightforward onboarding experience for individuals looking for life partners in the telecom community.

2. **Payment Gateway Security**: Maintain a high level of security in the payment gateway system, protect users' financial information and ensure secure transactions during the registration and renewal process.

3. **User Engagement Notifications**: Implement prompt and informational notifications for users and administrators to increase engagement and inform all stakeholders of successful payments, account status, and relevant updates.

4. **Expand multilingual support**: Continue to improve and expand multilingual support to meet the diverse language needs of the Teli community, thus making the platform more inclusive and accessible.

5. **Exclusive community management**: effective management of community identity by limiting membership to individuals in the community, maintaining the community's cultural integrity and shared values.

6. **Gender Diversity**: Support various gender identities, ensure inclusivity and address the evolving dynamics of gender representation in the TV community.

7. **Advanced Search Function**: Improve the advanced search filter to provide users with the right matching options based on occupation, education, height, weight and age, facilitating more accurate and relevant matches.

8. **Account Validity Monitoring**: Implement a secure system to monitor user account validity, send timely notifications and alerts to users approaching the end of their three-month term, and ensure active account management.

1.10 Scope of Program

1. **Privacy and Security:** Matrimonial sites prioritize user privacy and security due to the sensitive nature of the information shared. They implement measures to verify profiles and ensure data protection.

2. **User Experience (UX):** A good matrimonial site provides a seamless and intuitive user experience, making it easy for members to navigate, search, and communicate.

3. **Additional Services:** Some sites offer additional services such as relationship counseling, horoscope matching, wedding planning resources, and more.

4. **Community Features:** Matrimonial platforms may foster a sense of community by organizing events, discussion forums, and other activities for members.
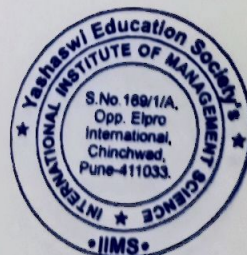
1.11 Feasibility study

1. Purpose

Market Demand: Assess the demand for a specific dating platform in the telecommunications community.

Technical Feasibility: Assess the technical infrastructure required to develop and maintain the platform.

Financial viability: Determine the financial viability of the platform by considering revenue streams and costs.

Practical Ideas: Explore the practical aspects of managing user accounts, security and ongoing support.

2. Market demand

Community Engagement: Initial research shows strong interest in the Teli community for a unique marriage platform that matches cultural values.

Competitive Analysis: Assess the competitive landscape and identify unique features that will differentiate Teli Vivah.

3. Technical feasibility

Platform Development: Assesses the technical requirements for developing a user-friendly website or application, including server infrastructure, security protocols, and multilingual support.

Scalability: Ensure the platform scales to accommodate potential growth in user base and features.

4. Financial viability

Revenue Model: Suggested INR 500 registration fee and renewal fee contribute to revenue. Evaluate whether this model can support operating costs and generate revenue.

Cost Analysis: Estimate initial construction costs, maintenance costs, and marketing budgets.
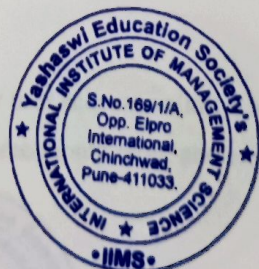
1.12 Objectives of the Project

1. **User Registration Efficiency**: Control the user registration process to increase efficiency and provide a fast and straightforward onboarding experience for individuals looking for life partners in the telecom community.

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1.13 Features of new System

1. **User registration and profile creation**: The registration process is streamlined with a user-friendly interface. Personal user profile with photo upload and gallery creation options.

2. **Secure Payment Gateway**: Installation of secure payment gateway system for INR 500 registration fee. Instant notifications for successful payments to users and administrators.

3. **Multilingual support**: Support includes Marathi and English to meet different language needs.

4. **Community Character**: Membership is limited to individuals in the Teli Samaj, developing a culturally exclusive community.

5. **Various Gender Identities**: Incorporate diverse gender identities to promote inclusivity.

6. **Advanced Search Filter**: The match selection is definitely based on criteria like occupation, education, height, weight and age.

7. **Account Management and Updates**: Account term is three months and monthly renewal fee is INR 500. Timely notifications and alerts for users approaching renewal deadlines.

8. **Innovative Features for Interaction**: Dating requests is a feature for interactive expression of interest. A secure messaging system for meaningful conversations between users.

9. **Transparent Profile Management**: Manual and automatic profile options for user control. An alert message sent before an automatic outage provides clarity.

2 System Requirement Specification
2.1 Functional Requirements

1. **User Registration and Authentication:** Secure authentication with email verification or OTP.

2. **User Profile Management:** Create and manage personal profiles with photo upload and gallery.

3. **Payment Gateway Integration:** Secure payment gateway for registration and renewal fees.

4. **Multilingual Support:** Support for Marathi and English.

5. **Community Character:** Ensure only Teli Samaj members can register.

6. **Transparent Profile Management:** Manual and automatic profile deletion options.

7. **Advanced Search Function:** Advanced search filters based on specific criteria.

8. **Account Management and Updates:** Monitor and manage user accounts with timely notifications.

9. **Innovative Features for Interaction:** Meeting request feature and secure messaging system.
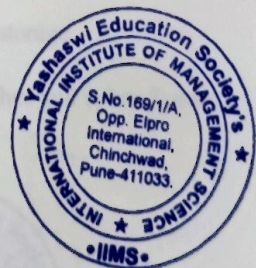
2.2 Non -Functional Requirement

1. **Output:**

   - The platform should have low latency and respond to user interactions within 2 seconds to ensure a smooth user experience.

   - It supports growth by expanding user accounts and interactions.

2. **Availability:**

   - The platform should aim for 99.9% uptime to ensure uninterrupted access for users.

   - Users must be notified of scheduled maintenance in advance.

3. **Reliability:**

   - The system must be reliable, with maximum uptime of 1 hour per month for maintenance and updates.

   - Data backup procedures should be in place to prevent data loss.

4. **Severity:**

   - The platform must be designed to accommodate a growing user base and data without significant performance degradation.

   - Expansion testing should be done regularly to assess system capacity.

5. **Security:**

   - To ensure privacy, user data must be encrypted during transmission and storage.

   - Strict measures must be taken to prevent unauthorized access, data breaches and cyber threats.

6. **Agreement:**

   - The platform must comply with data protection laws and regulations applicable to matchmaking services.

   - Accessibility standards such as WCAG must be followed to ensure inclusivity.

7. **Usage:**

   - The user interface should be intuitive and user-friendly, ensuring that users can easily navigate the platform.

   - Page load time and response time should be optimized for a positive user experience.

8. **Cultural sensitivity:**

   - The Platform will be designed with cultural sensitivity in mind, avoiding content or features that may be offensive or inappropriate on Tele society.

Matrimonial Site

Modules

1. Profile Verification

- **Identity Verification:** Manual or automated ID verification process.
- **Verified Badges:** Indicators for verified profiles to ensure authenticity.

2. Subscription and Payment System

Overview

This module manages user subscriptions and payments, ensuring secure transactions.

Features

- **Subscription Plans:** Information on registration and renewal fees.
- **Payment Gateway Integration:** Supports multiple payment methods for secure transactions.
- **Transaction History:** Users can view their past payments and subscriptions.
- **Notifications:** Alerts for successful payments and upcoming renewals.

3. User Activity Management:

- **Profile Status:** Active, inactive, or blocked status management.
- **Activity Notifications:** Alerts for profile expiry, renewal reminders.
- **Account Renewal:** Easy process for account renewal with payment integration.

4. Privacy and Security

Data Encryption: Secure storage and transmission of user data.

GDPR Compliance: Ensuring user data privacy and protection.

Spam/Fraud Prevention: Measures to prevent fake profiles and fraudulent activities.

3. Total Modules

1. User Registration and Authentication

2. User Profile Management

3. **Subscription and Payment System**

4. Multilingual Support

5. **Profile Verification**

6. Search and Filtering

7. Matchmaking and Recommendations

8. Communication Tools

9. Notifications and Alerts

10. Admin Dashboard

11. **Privacy and Security**

12. Feedback and Reviews

13. Events and Success Stories

14. Help and Support

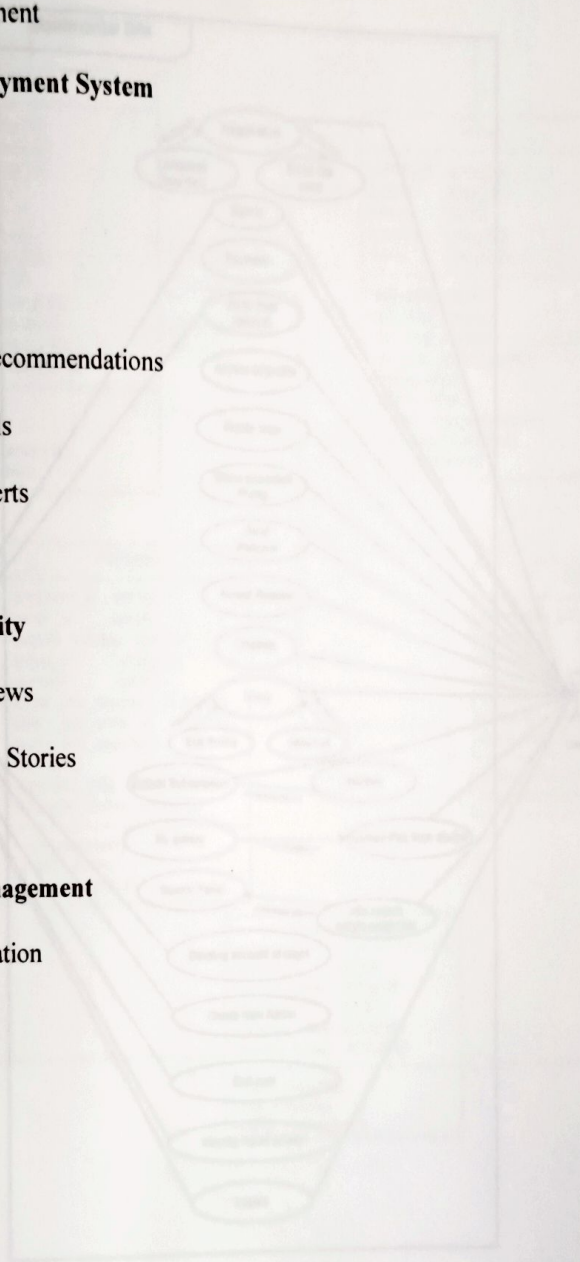15. **User Activity Management**

16. Mobile App Integration

3. Diagram
3.1 Use Case Diagram

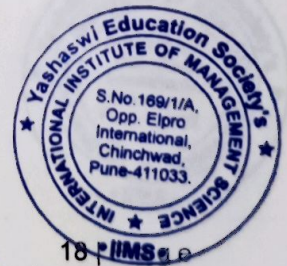Fig 3.1 Use case Diagram

3.2 Class Diagram

view

Users

-user_id String(25)
-name   : String(45)
-email_id String(25)
-otp   : int(10)
-height   : int(10)
-weight   : int(10)
-address string(45)
-phone   int(12)
-password : string(15)
-education string(45)
-occupation string(45)
-uncle_name string(25)

+add_user()
+login_user()
+deactivate_account()
+update_profile()

Admin

-admin_id :string(25)
-name   string(15)
-phone   int(12)
-address   string(45)
-email   string(25)

+see_total_users()
+get_total_males()
+get_total_female()
+get_total_subscription()
+delete_user()
+update_user()
+access_user_password()
+view_report_access()
+view_feedback()

Payment

-payment_id : int(15)
-order_id   :int(15)
-mobile_number : int(15)
-email_id   :string(25)
-amount   :int(15)
-razor_pay_payment_id :int(15)
-razor_pay_order_id   :int(15)
-razor_pay_signature
 string(15)
-payment_date   :date
-payment_status string(15)

+ get_payment()
+create_order()
+make_payment()

Message

-messager_id :int(15)
-message   string(65)
-sender_id   int(15)
-receiver_id   int(15)
-sender_name string(45)
-receiver_name string(45)
-date_and_time localdatetime

+send_message()
+receiver_message()

has

has send

has

Friend Request

-sender_id   int(15)
-sender_name :string(45)
-receiver_id   int(15)
-receiver_name string(45)
-request_status string(15)

+ send_request()
+see_request()
+make_connection()

Contains

1..*   1   1   M   1..*   1..*   1..*   1..*

Fig 3.2 Class Diagram

Matrimonial Site

3.3 Sequence Diagram

Fig 3.3 Sequence Diagram

Matrimonial Site
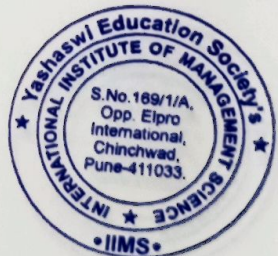
3.4 Activity Diagram

Fig 3.4 Activity Diagram

Start

Registartion

Login

Authentication

Verify

Payment

Home	Send Request	Chat	Menu			Extend Subscription		Feed Back

Profile View — Accept Request — Edit Profile — About Us — My Gallery — Active Account & Continue — Deactive Account

Interested Profile

Upload Picture

Logout

End
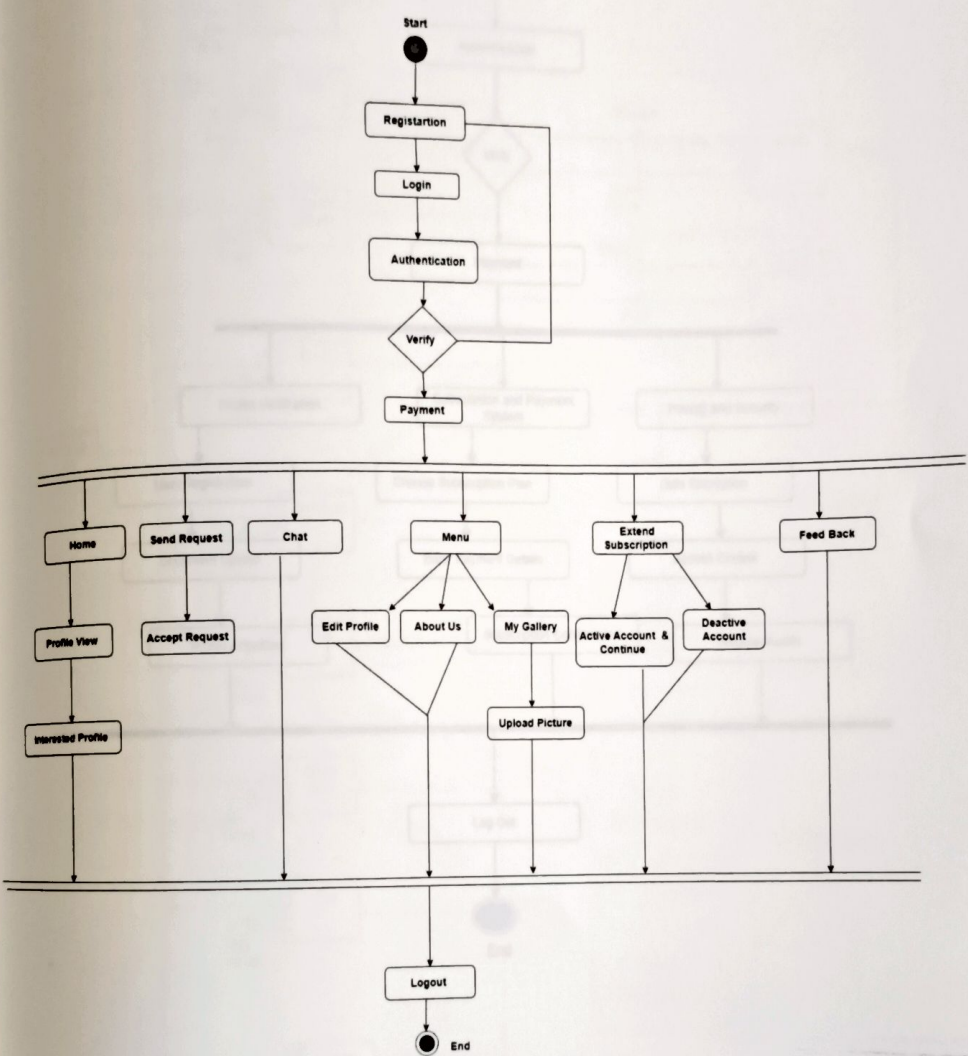
Activity Diagram Project Overall

Matrimonial Site
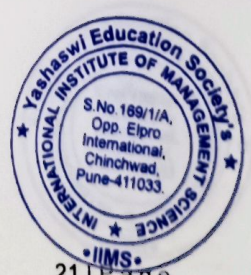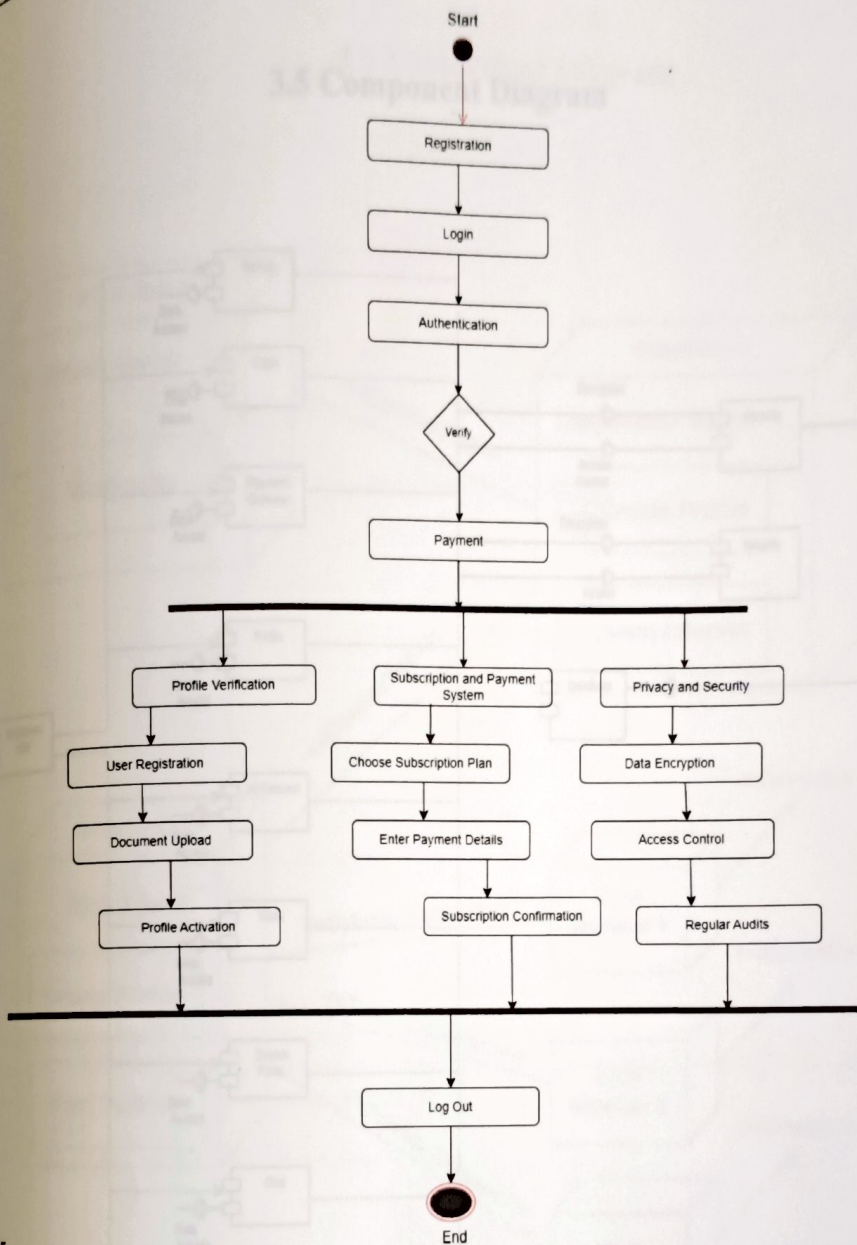
Activity Diagram (Module)

Matrimonial Site

3.5 Component Diagram
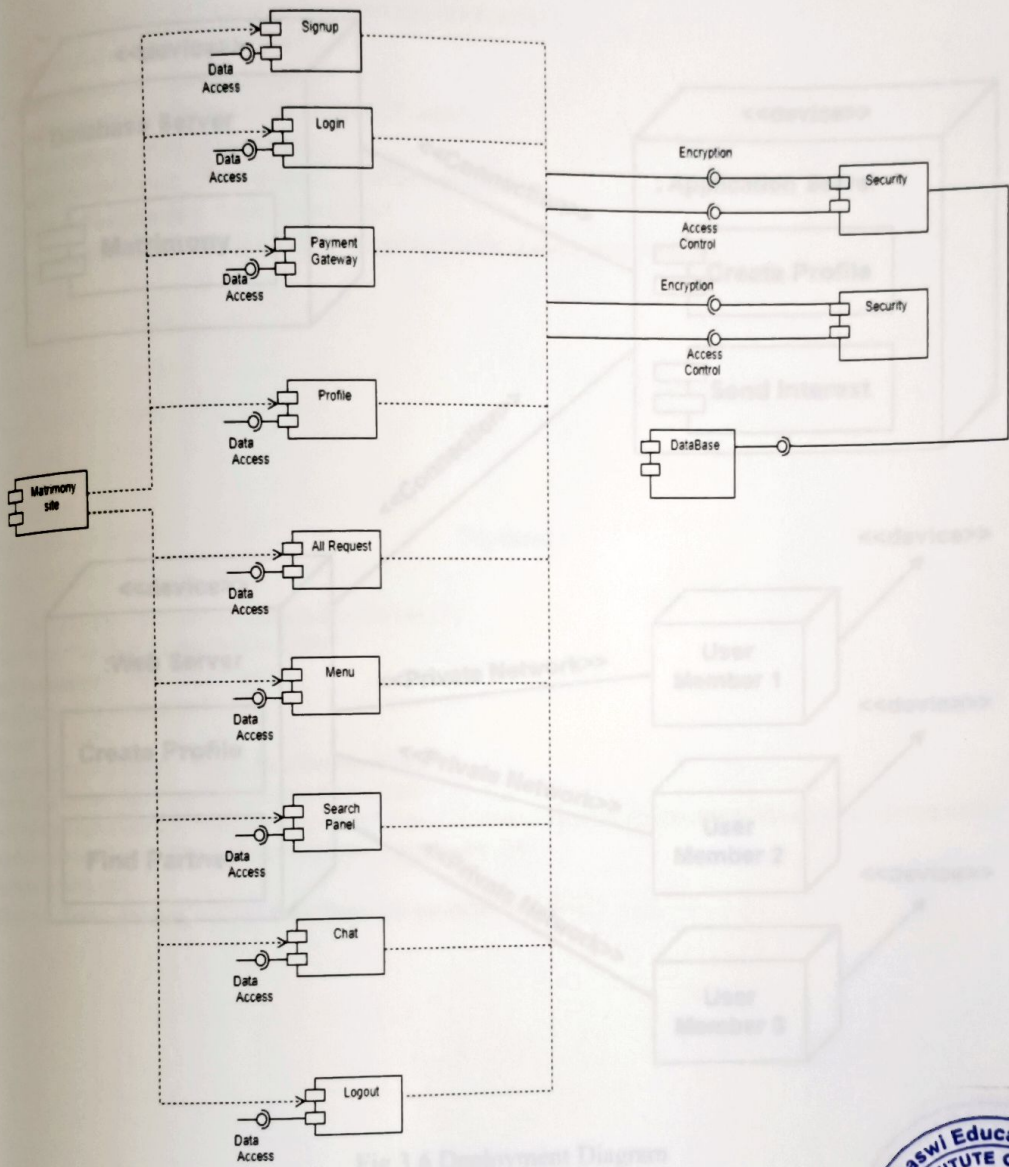
Fig 3.5   Component Diagram

Matrimonial Site

3.6 Deployment Diagram
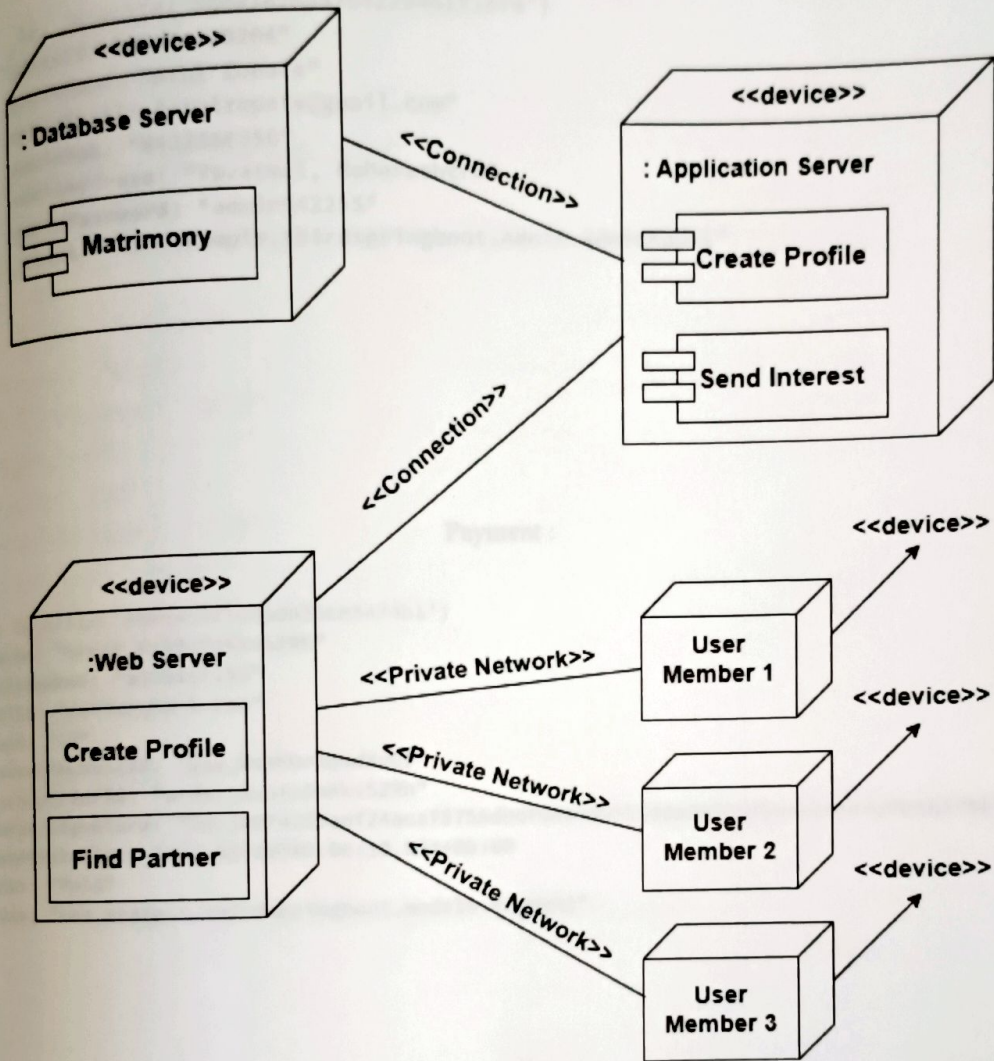
Fig 3.6 Deployment Diagram
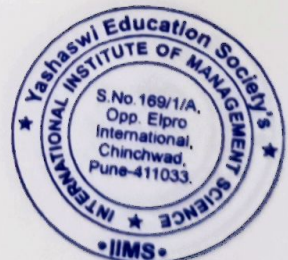
4. TABLE SPECIFICATION
(DATABASE DESIGN)

Admin:

```
_id: ObjectId('660e262da470422046151efe')
adminId: "adminid0204"
adminName: "Atul Zopate"
adminEmail: "atulzopate@gmail.com"
adminMob: "9422556956"
adminAddress: "Yavatmal, Maharashtra"
adminPassword: "admin942255"
_class: "com.example.thirdspringboot.Admin.AdminModel"
```

Payment :

```
_id: ObjectId('66064c42500bdb35c85474b1')
orderId: "order_Ns34x9aXkvSZRh"
mobileNumber: "9673157168"
emailId: "datta@gmail.com"
amount: "10"
razorpayPaymentId: "pay_Ns35bn3qsdXvUI"
razorpayOrderId: "order_Ns34x9aXkvSZRh"
razorpaySignature: "5d13b074199adf24aca79756d09f09949572568a3978631cee181dfdf018270b"
paymentDateTime: 2024-03-29T05:06:10.534+00:00
status: "Paid"
_class: "com.example.thirdspringboot.models.Payment"
```

Matrimonial Site

User Documents:

```
_id: ObjectId('6620a2d82a634719cb99ae2f')
email: "codevil0209@gmail.com"
otp: 7444
name: "codevil"
password: "asdfghjkl"
mob: "9075139343"
profilePic: "spiderman.png"
gender: "male"
dob: 2000-09-01T18:30:00.000+00:00
age: 24
religion: "hindu"
address: "pune"
familyStatus: "190"
height: 190
weight: 190
annualIncome: "190"
education: "mbbs"
          .    ..   ..
education: "mbbs"
occupation: "mca"
uncleName: "uncle"
> galleryPics: Array (1)
> messages: Array (1)
> friend: Array (2)
> sentRequestsTo: Array (1)
> plan: Object
  _class: "com.example.thirdspringboot.models.People"
```
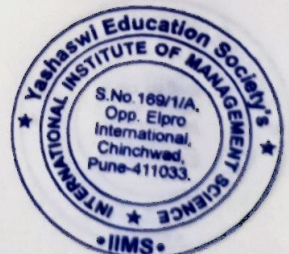
5. Data Dictionary

Profile Verification:

Field Name	Data Type	Constraint	Description
user_id	ObjectId	Primary Key, Auto Incremented	Unique identifier for each user
verification_status	String	Values : "verified"	Status of the verification process (e.g., pending, verified, rejected)
verification_date	Date	Not Null	Date when the verification was completed
verification_method	String	Not Null	Method used for verification (manual, automated)
verified_badge	Boolean	Not Null	Indicator if the profile is verified

Subscription Table:

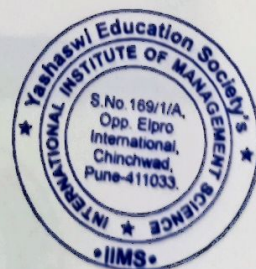| Attribute	Data Type	Constraints	Description
SubscriptionID	INT	Primary Key, Auto Increment	Unique identifier for subscription
UserID	INT	Foreign Key (User.UserID)	Identifier for the user
StartDate	DATETIME	Not Null	Start date of the subscription
EndDate	DATETIME	Not Null	End date of the subscription
Status	ENUM	Values: 'Active', 'Expired'	Status of the subscription
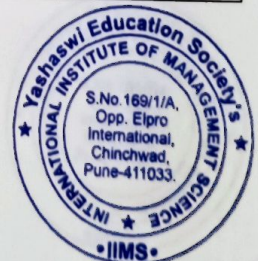
3. Privacy and Security:

Field Name	Data Type	Constraint	Description
encryption_key	String	Primary Key	Key used for data encryption.
compliance_status	String	Values: "completed"	GDPR compliance status (compliant/non-compliant).
fraud_check_id	UUID	Not Null	Unique identifier for each fraud check.
created_at	Timestamp	Not Null	Time when the privacy/security action was performed.
updated_at	Timestamp	Not Null	Time when the privacy/security action was last updated.

4. User Activity Management:

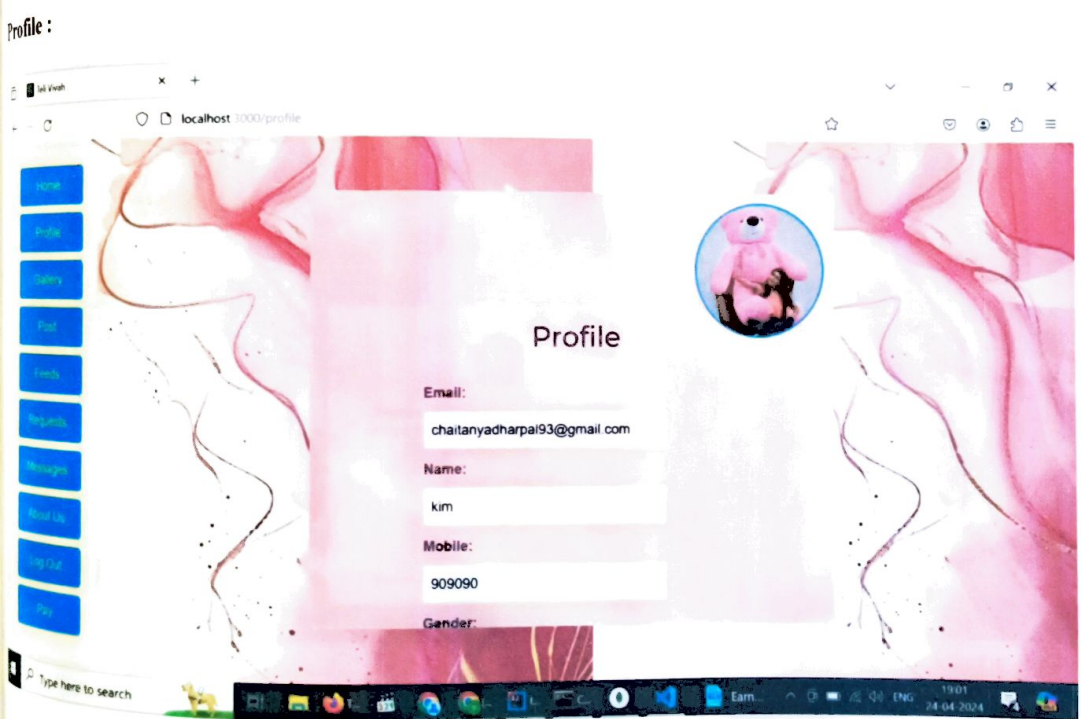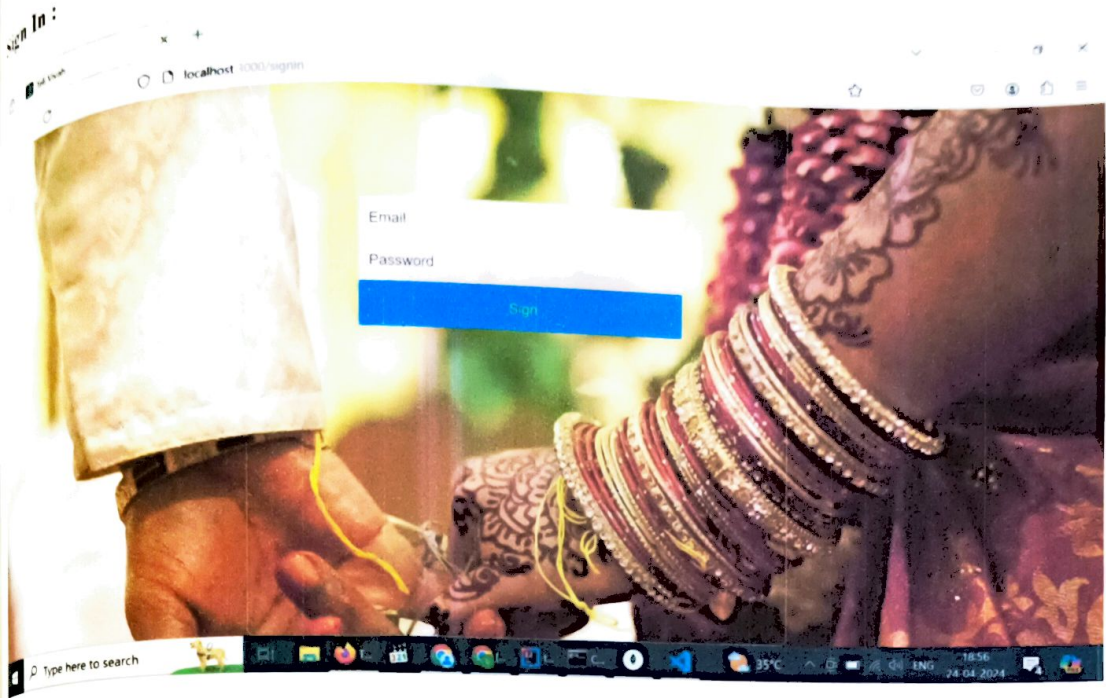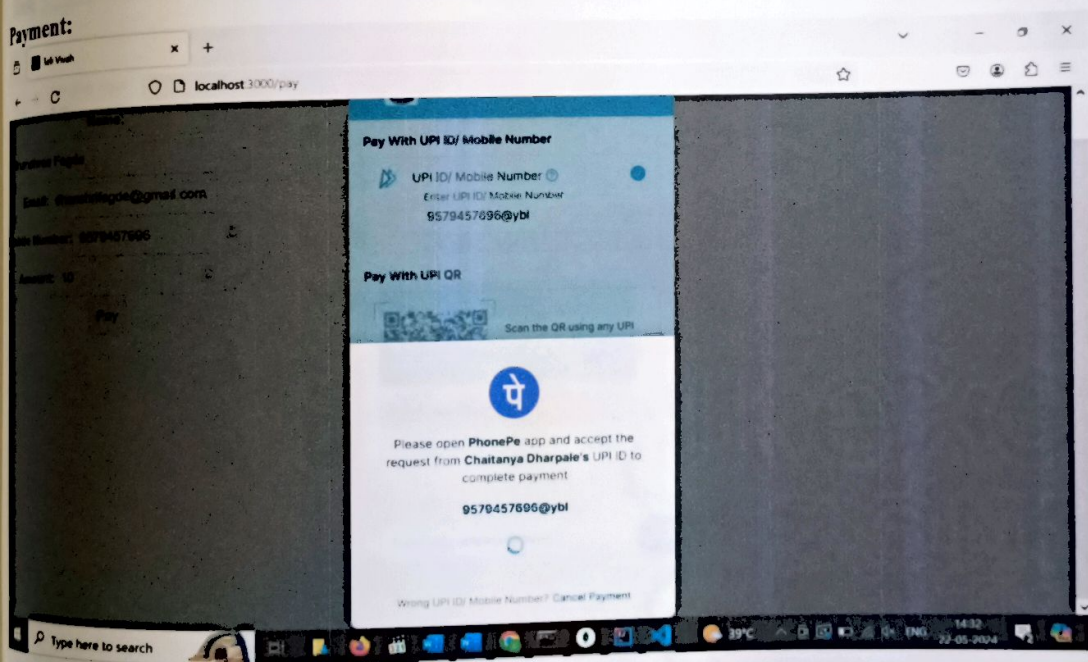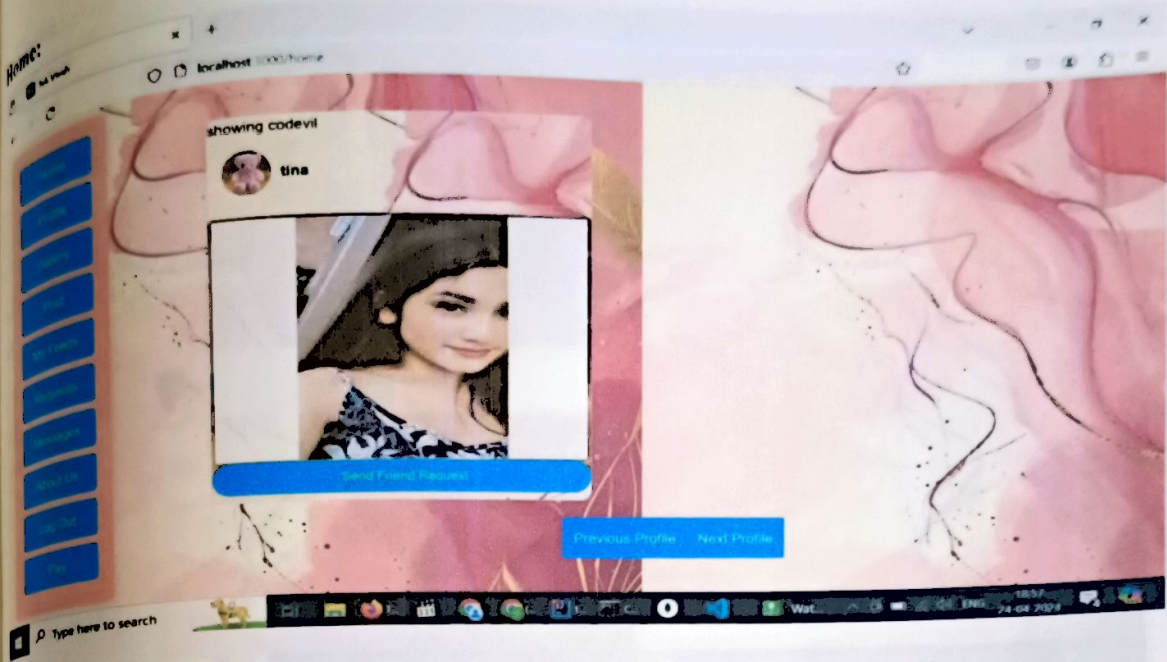| Field Name	Data Type	Constraint	Description
user_id	UUID	Primary Key, Autogenerated	Unique identifier for each user.
profile_status	String	Values: 'active'	Status of the user profile (active/inactive/blocked).
message	Text	Foreign Key	Content of the notification.
payment_id	UUID	Foreign Key, Not Null	Unique identifier for each payment.
payment_status	String	Not Null	Status of the payment (completed/pending/failed).
created_at	Timestamp	Not Null	Time when the activity was created.
updated_at	Timestamp	Not Null	Time when the activity was last updated.

4. Screen Shots

Register
Page:

Sign In :

Profile :

Matrimonial Site

Home:

Payment:

Chats:

chat with codevil

Chat View:

Chat with codevil

now we are friends

hello codevil !!! i accepted your friend request

thank you for that !!

Type your message here   Send
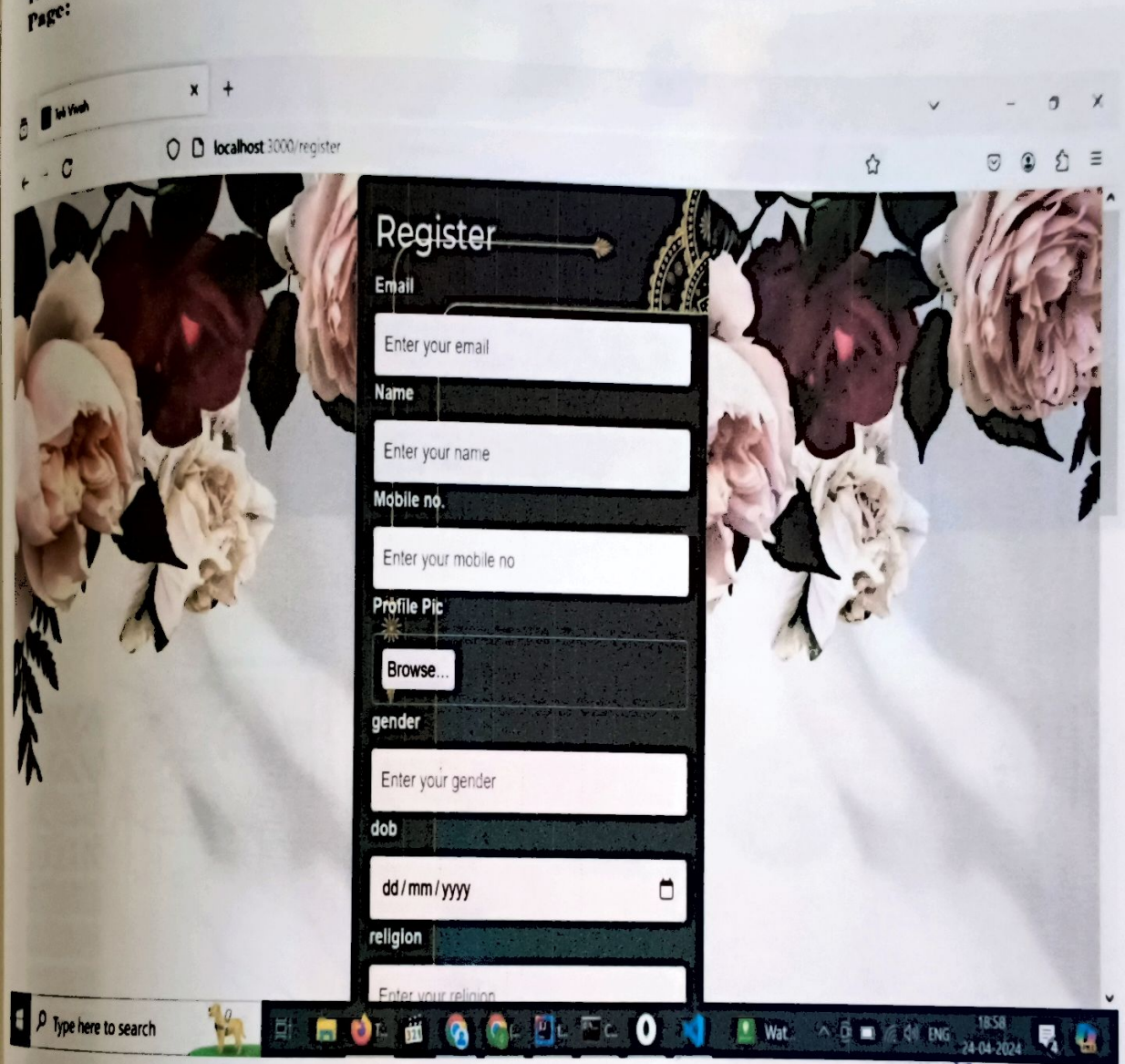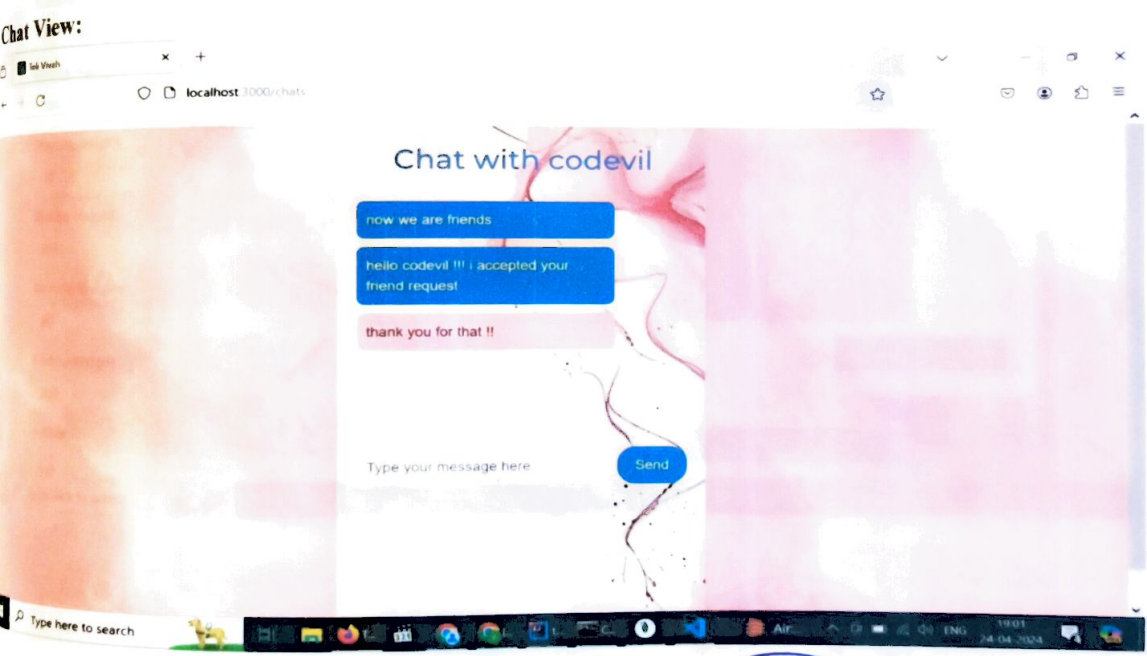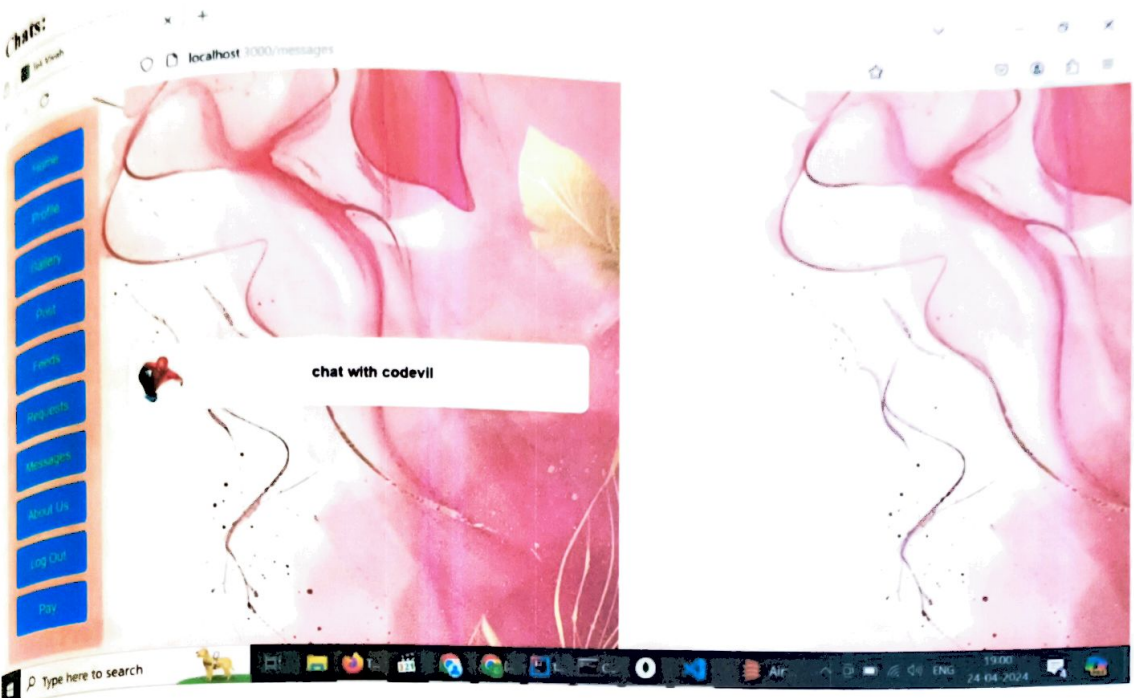
Visit Profile:

Visited Profile

Name: codevil

DOB: Sat Sep 02 00:00:00 IST 2000

Religion: hindu

Family Status: 190

Height: 190

Weight: 190

Education: mbbs

Occupation: mca

Search Profile:

| Starting Age: |
| 20 |
| Ending Age: |
| 100 |
| Starting Height: |
| 10 |
| Ending Height: |
| 200 |
| Starting Weight: |
| 20 |
| Ending Weight: |
| 300 |
| Address: |
| null |

codevil

Send Friend Request

Previous Profile   Next Profile
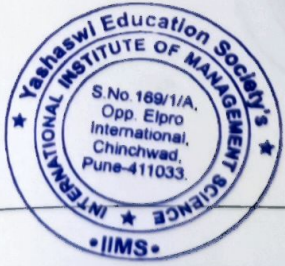
5. Test Case

I. Profile Verification:

TC ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TC001	Verify user can submit documents for verification	1. Login to platform. 2. Navigate to verification page. 3. Upload required documents. 4. Submit.	Document: ID Proof, Address Proof	Verification status set to 'pending'.	Verification status set to 'pending'.	Pass
TC002	Verify admin can approve verification	1. Login as admin. 2. Navigate to pending verifications. 3. Approve a verification request.	N/A	Verification status updated to 'verified', badge displayed.	Verification status updated to 'verified', badge displayed.	Pass
TC003	Verify admin can reject verification	1. Login as admin. 2. Navigate to pending verifications. 3. Reject a verification request.	N/A	Verification status updated to 'rejected'.	Verification status updated to 'rejected'.	Fail

Matrimonial Site
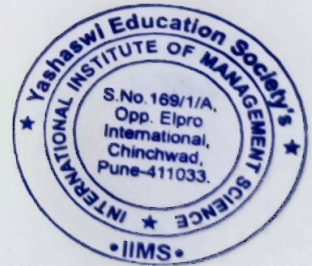
2. Subscription and Payment Test Cases:

| TC ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TC006	Verify user can make a payment for registration	1. Register on the platform. 2. Navigate to payment page. 3. Enter payment details. 4. Click 'Pay'.	Card Number: 4111 1111 1111 1111 Expiry: 12/23 CVV: 123	Payment successful, registration completed.	Payment successful, registration completed.	Pass
TC007	Verify transaction history displays correct information	1. Login to the platform. 2. Navigate to transaction history page.	N/A	Transaction history displays all past transactions correctly.	Transaction history displays all past transactions correctly.	Pass
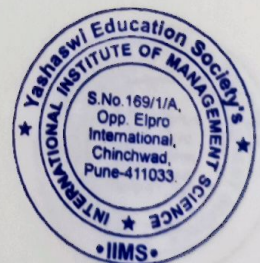
3. Privacy and Security:

Test Case ID	Description	Steps	Expected Result	Actual Result	Status
TC-001	Data Encryption Verification	1. Store user data in the database. 2. Check if the data is encrypted.	User data should be stored in an encrypted format.	User data should be stored in an encrypted format.	Pass
TC-002	GDPR Compliance Check	1. Review the data privacy policies. 2. Verify if the platform meets GDPR requirements.	The platform should be GDPR compliant.	The platform should be GDPR compliant.	Fail
TC-003	Spam/Fraud Prevention	1. Create a fake profile. 2. Check if the system detects and prevents the fake profile.	The fake profile should be detected and flagged.	The fake profile should be detected and flagged.	Fail

4. User Activity Management:

Test Case ID	Description	Steps	Expected Result	Actual Result	Status
TC-001	Change Profile Status	1. Admin changes the profile status to inactive. 2. Check if the status is updated correctly.	The profile status should change to 'inactive'.	The profile status should change to 'inactive'.	Pass
TC-002	Send Expiry Notification	1. User's profile is about to expire. 2. Check if the expiry notification is sent.	The user should receive an expiry notification.	The user should receive an expiry notification.	Pass
TC-003	Account Renewal	1. User renews the account. 2. Check if the renewal is processed correctly.	The payment status should be 'completed' and the account should be renewed.	The payment status should be 'completed' and the account should be renewed.	Pass
TC-004	Block User Profile	1. Admin blocks a user profile. 2. Check if the profile status is updated to 'blocked'.	The profile status should change to 'blocked'.	The profile status should change to 'blocked'.	Fail
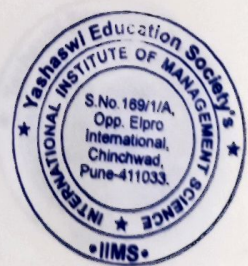
5. Conclusion

The development of the matrimonial site "Teli Vivah Yuva Mancha" has been a significant endeavor to provide a culturally specific and secure platform for individuals within the Teli community seeking life partners. This project highlights the importance of catering to the unique cultural needs and preferences of users while ensuring a seamless and user-friendly experience. The platform's features, including advanced search filters, secure payment gateways, and multilingual support, are designed to enhance user engagement and satisfaction.

Throughout the project, a systematic approach was followed, from the initial feasibility study to the detailed design and implementation phases. The project's success is attributed to the collaborative efforts of the development team, guidance from the project mentor, and the valuable feedback from users.

Matrimonial Site

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