

# **DIGITAL HERITAGE AND CULTURE PROMOTION**

**A PROJECT REPORT**

*Submitted by*

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*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**RAJALAKSHMI ENGINEERING COLLEGE**

**ANNA UNIVERSITY, CHENNAI**

**MAY 2024**

# **RAJALAKSHMI ENGINEERING COLLEGE, CHENNAI**

## **BONAFIDE CERTIFICATE**

Certified that this Thesis titled “**DIGITAL HERITAGE AND CULTURE PROMOTION**” is the bonafide work of “**SRIMATHI G (2116210701259), SRIMATHY R (2116210701260), VAISHARLI S (2116210701296)**” who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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**Internal Examiner**

**External Examiner**

## **ABSTRACT**

A digital platform for promoting heritage and culture of Tamil Nadu. Preserving endangered indigenous heritage by creating separate section providing details of conducted our long history with videos of activities in that places associated with history by cultural representative of that respective areas. Leveraging the use of machine learning, ensemble learning applying various algorithm for separate recommendations. Additionally separate section to advertise various products home to diverse culture. heritage locally and Thus making globally culture and known which creates a brand remote handmade old/traditionally made products. Thereby a complete packed platform for culture and heritage preservation of Tamil Nadu. This platform is not just a repository of history and culture but a vibrant marketplace that supports local artisans and traditional crafts. It is designed to be a vital resource for preserving Tamil Nadu's cultural heritage, making it accessible and engaging for people around the world. By connecting users with the history, traditions, and artisanal products of Tamil Nadu, we strive to ensure that these cultural treasures are cherished and sustained for generations to come.

## ACKNOWLEDGMENT

First, we thank the almighty god for the successful completion of the project. Our sincere thanks to our chairman **Mr. S. MEGANATHAN B.E., F.I.E.**, for his sincere endeavor in educating us in his premier institution. We would like to express our deepgratitude to our beloved Chairperson **Dr. THANGAM MEGANATHAN Ph.D.**, for her enthusiastic motivation which inspired us a lot in completing this project and Vice Chairman **Mr. ABHAY SHANKAR MEGANATHAN B.E., M.S.**, for providing us with the requisite infrastructure.

We also express our sincere gratitude to our college Principal, **Dr. S. N. MURUGESAN M.E., Ph.D.**, and **Dr. P. KUMAR M.E., Ph.D**, Director of Computing and Information Science , and Head of the Department , CSE and Project Coordinator **Dr. P.SHANMUGAM M.Tech., Ph.D.**, for his encouragement and guiding us throughout the project towards successful completion of this project and to our parents, friends, all faculty members and supporting staffs for their direct and indirect involvement in successful completion of the project for their encouragement and support.

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# **CHAPTER 1**

## **INTRODUCTION**

Our digital platform dedicated to the preservation and promotion of Tamil Nadu's illustrious heritage and culture. This initiative seeks to protect and celebrate the region's endangered indigenous traditions by creating an engaging and comprehensive online space. Our platform features meticulously curated sections that provide in-depth insights into Tamil Nadu's long and storied history, enriched with videos of cultural activities hosted in historically significant locations by local cultural representatives.

Our platform offers personalized content recommendations to enhance user experience and engagement using machine learning algorithms. By employing various sophisticated algorithms, we ensure that users discover content that resonates with their unique interests.

In addition to cultural content, our platform boasts a dedicated section for advertising and selling a diverse array of products that epitomize Tamil Nadu's rich cultural heritage. From locally crafted, handmade items to traditional products, we aim to promote these treasures both within India and globally, creating a distinctive brand that highlights the unique cultural fabric of Tamil Nadu.

Our comprehensive platform is not just a repository of history and culture but a vibrant marketplace that supports local artisans and traditional crafts. It is designed to be a vital resource for preserving Tamil Nadu's cultural heritage, making it accessible and engaging for people around the world. By connecting users with the history, traditions, and artisanal products of Tamil Nadu, we strive to ensure that these cultural treasures are cherished and sustained for generations to come.



## **PROBLEM STATEMENT**

To develop a interactive platform to promote endangered and indigenous heritage, fostering cross generational dialogue and revitalizing diverse cultural elements amid modern challenges.

### **1.1 SCOPE OF THE WORK**

The platform implementation provides a digital documentation of culture and heritage can preserve the things that might become unknown for next generation. Creating recognition for the local product makers who can have their business online without middleman. A single integrated platform that can handle variety of users and achieve different targets

### **1.4 AIM AND OBJECTIVES OF THE PROJECT**

To develop an interactive platform to promote endangered and indigenous heritage, foster cross-generational dialogue, and revitalize diverse cultural elements, addressing modern challenges through accessible digital content, social features, and support for local artisans and cultural events.

- Promote endangered and indigenous heritage with accessible digital content.
- Foster cross-generational dialogue through social features and educational tools.
- Revitalize cultural elements by supporting local artisans and showcasing cultural events.
- Utilize modern technology to enhance user engagement and platform accessibility.
- Attracting via the tourist spots where culture and heritage feast and promoted can be conducted.
- Promoting handicrafts products and Products that are originally made in the places.

## **1.5 RESOURCES**

This project has been developed through widespread secondary research of accredited manuscripts, standard papers, business journals, white papers, analysts' information, and conference reviews. Significant resources are required to achieve an efficacious completion of this project.

The following prospectus details a list of resources that will play a primary role in the successful execution of our project:

- A properly functioning workstation (PC, laptop, net-books etc.) to carry out desired research and collect relevant content.
- Unlimited internet access.
- Unrestricted access to the university lab in order to gather a variety of literature including academic resources .

## **1.6 MOTIVATION**

The project's main motivation is to develop an interactive platform to promote endangered and indigenous heritage, fostering cross generational dialogue and revitalizing diverse cultural elements amid modern challenges. By developing an integrated platform to promote culture and heritage via tourism promotion and creating a local brand for products that are made remote. So as to transform the cultural knowledge to generations and a digital documentation of it and also employability improvement to people who are dependent on these handmade products for their living.

## **CHAPTER 2**

### **LITRETURE SURVEY**

[1]AI and cultural heritage preservation in India (Zaiba Khan RNB Global University Feburary 2024) .This research paper proposes use of artificial intelligence (AI) in cultural heritage preservation in India the preservation of cultural heritage entails the restoration, documentation and protection of traditions, artwork, historical artefacts and traditions AI in cultural heritage preservation will only disproportionately serve the interests of the elite and further marginalize subaltern communities from preservation processes and narratives about their own heritage sites and objects.

[2] A Brief Survey of Machine Learning and Deep Learning Techniques for E-Commerce Research (Xue zhang fusen guo tao chen December 2023) In this paper, we present a brief survey of machine learning and deep learning techniques in the context of e-commerce, the applied machine learning and deep learning techniques, spanning from support vector machines, decision trees, and random forests to conventional neural networks, with summarization of recommendation systems, fake review detection, customer churn prediction, customer purchase behavior prediction, prediction of sales, product classification.

[3] Digital Management and Optimization of Tourism Information Resources Based on Machine Learning (Xueqiu Zhuang,Huihua Jiao September 2023) .The paper provides how digital management of tourism information resources based on machine learning can optimize the tourism industry and promote its development with the popularization and application of the modern network, people's understanding of information about traveling is gradually changing to the network, and people's requirements are analysed. With the help of algorithms like lambdamart algorithm ranknet method GBDT algorithm decision can be made what to be displayed in the website interface.

[4] Evolution of Machine Learning in Tourism(Ferhat Seker December 2023). This

paper provides an overview of how machine learning is currently influencing and may shape the future of tourism. Techniques for predictive analytics, personalized recommendation systems, computer vision, natural language processing, and more are powering applications to improve customer experiences, optimize and automate operations, gain competitive advantage, and support sustainability. Current applications are discussed, including demand forecasting, personalized travel recommendations, automated photo filtering, sentiment analysis of tourism reviews, chatbots for customer service.

[5] The Benefit and Impact of E-Commerce in Tourism Enterprises (P Ravindran PathmanathanM Hafiz Yusoff Khairi Aseh June 2021). This paper provides how the internet, is believed to be the most cost-effective tool to help brick and mortar companies gain greater markets and the opportunity to compete with other competitive organizations in attracting consumers to their goods, services and knowledge with the strong waves of globalization and liberalization around the world.

[6] Organization culture at Sarva Shiksha Abhiyaan State project setup, Tamil Nadu (G Revathi - Loyola Institute of Business Administration, 2021). In the light of this, this paper seeks to examine how a major macroeconomic variable, unemployment could be reduced through the unorganized sector which is a recent global issue targeted at empowering people towards being self productive and independent unorganized sector can be activated in order reduce unemployment in India, which will invariably result in reduce poverty, improve standard of living, improve productivity, and an overall improvement in economic performance .

[7] Rural Tourism Development and Promotion in Potential Villages of TamilNadu(GS Kumar, DR Rajesh, P Kumar 2021 ).The study is based on secondary data and a structured interview with identified people in villages and also tour operators rural tourism can provide additional income for the villagers, proving employment for the youth by training them and improve the overall economy of the villages. The study

makes some suggestions to the tourism department for the promotion of rural tourism in Tamil Nadu. Sometimes many villagers are suffering without any income and they can do many things related to tourism promotion and offerings like rural handicrafts, toys, etc.

[8] Brand Awareness and Brand Preference of Rural Consumers Towards (FMCG) (VT Dhanaraj, U Ponmani 2018) .The project is to understand the buying perception of the rural and urban consumer towards FMCG products consumer goods are products that are sold quickly and at relatively low cost. These satisfy the elemental and day-to-day household needs ranging from packaged foodstuff, dairy products, cooking oil, bread, butter, cereals, beverages like tea & coffee, pharmaceuticals, confectionery, biscuits, glassware, stationary items, watches, toiletries, detergents, shampoos, skin care products, cosmetics, clothing, furniture and household accessories .That are usually categorized as fast moving consumer electronics

[9] Application of machine learning to improve tourism industry (K Nayak, SK Panigrahy 2021). This paper gives insights of various tourists types and how various types of machine learning models can be applied to improve attraction of people over sights and useful information can be provided to them. Taking different industries that are associated with tourism and building a business model for it.

[10] Application of an artificial neural network optimization model in e-commerce platform based on tourism management(C Wei, Q Wang, C Liu 2021). This article analyzes the influence of e-commerce on tourism production factors, such as optimizing tourism production factors, optimizing industrial structure, improving the competitiveness of tourism enterprises and playing the leading role of the government. The advantages of e-commerce and information technology play an extremely important role in enhancing the competitiveness of the tourism industry and adapting to the needs of global economic integration.

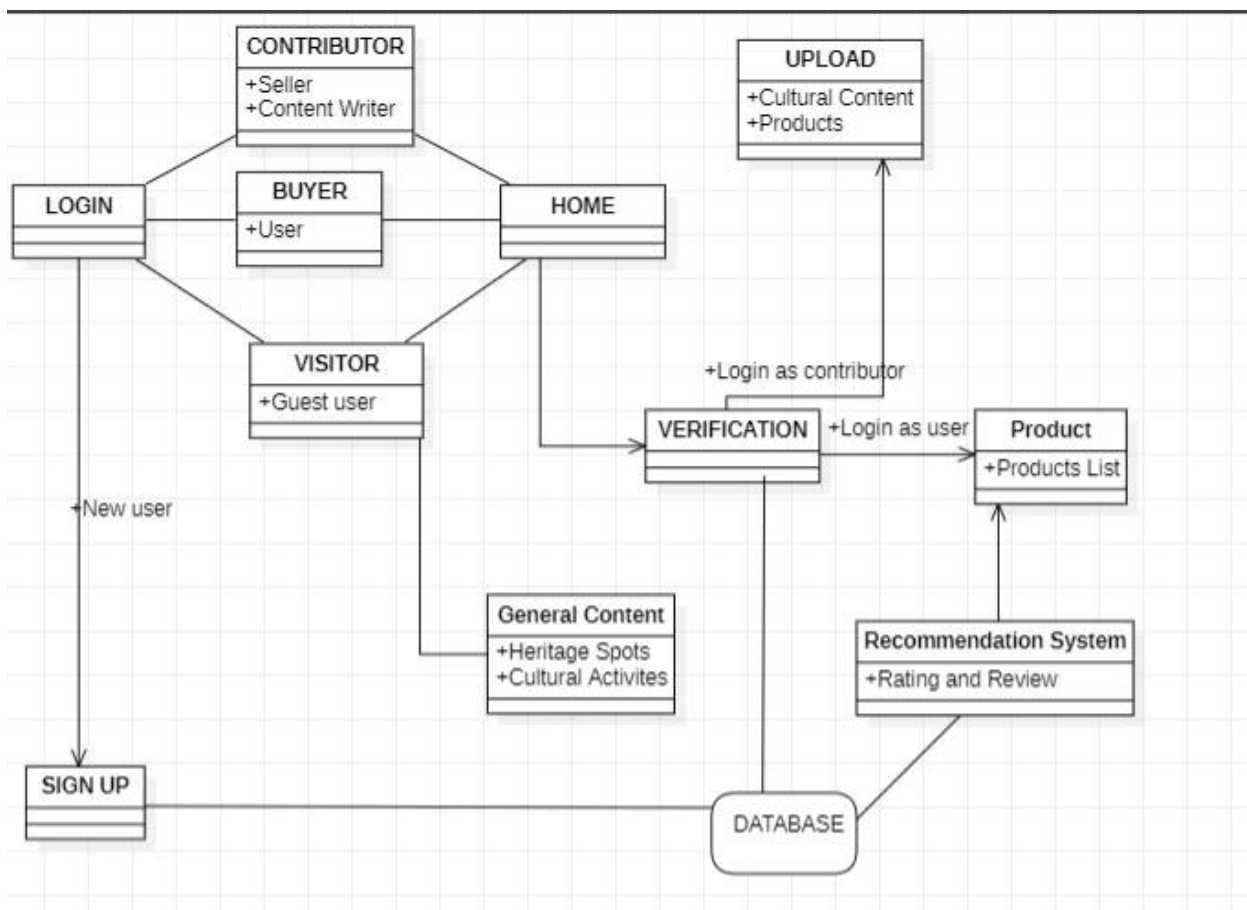
## CHAPTER-3

### SYSTEM DESIGN

#### 3.1 GENERAL

In this section, we would like to show how the general outline of how all the components end up working when organized and arranged together. It is further represented in the form of a flow chart below.

#### 3.2 SYSTEM ARCHITECTURE DIAGRAM



**Fig 3.1: System Architecture**

### 3.3 DEVELOPMENTAL ENVIRONMENT

#### 3.3.1. HARDWARE REQUIREMENTS

The hardware requirements may serve as the basis for a contract for the system's implementation. It should therefore be a complete and consistent specification of the entire system. It is generally used by software engineers as the starting point for the system design.

**Table 3.1 Hardware Requirements**

COMPONENTS	SPECIFICATION
PROCESSOR	Intel Core i5
RAM	8 GB RAM
MONITOR	15" COLOR
HARD DISK	512 GB
PROCESSOR SPEED	MINIMUM 1.1 GHz

#### 3.3.2. SOFTWARE REQUIREMENTS

- Visual Studio Code
- Django
- Python
- Google collab

## **CHAPTER 4**

### **PROJECT DESCRIPTION**

#### **4.1 METHODOLOGY**

The interactive platform uses recommendation system for displaying the related content (tourism spots that has cultural significance) and products (locally made products) for the users. In the system we have three type of users, visitors who have general view over the content of the web page, contributors (both content writer and seller) who have access to upload content that is of cultural activities or documentaries over any heritage sites and history associated with it. Seller who having a local brand using the webpage for their products can make business out of it using other users of the webpage. The last category of users who are holding an account on the website can have read only access to the content of contributors and can buy the products of sellers. The integration of users and visitors is made through a connection of verification of identity to create account and the content of visitors is made using the database containing travel content and from the contributors. Additionally the recommendation system integrated in the system helps in recommendation of both places updated in the database and based on the rating the products also henceforth recommended to general users of the platform. The recommendation is trained using real time updation of the platform by rate of users and places they search for. Likewise the navigation is designed to implement above structure in the environment.



## **4.2 MODULE DESCRIPTION**

### **1. User Management Module**

This module handles user registration, login, and authentication, and managing different user roles and permissions such as Visitors, Contributors, Sellers, and Account Holders. It verifies user identity during registration and login using credentials which assigns and manages roles for users to ensure appropriate access controls and User Profile Management, which allows users to update their profiles and manage their account settings.

### **2. Content Management Module**

This Module allows contributors to upload and manage cultural content and documentaries, storing and organizing information related to heritage sites, cultural activities, and history. Content Upload Interface for uploading articles, images and videos related to places. This system interacts with the Recommendation System to tag and categorize content for better recommendations and connects with the User Management Module to verify contributor roles.

### **3. Product Management Module**

This module enables sellers to list locally made products and manage product details, inventory, and sales. This system also works with the Recommendation System to suggest products to users based on their interests and behaviors.

### **4. Recommendation System Module**

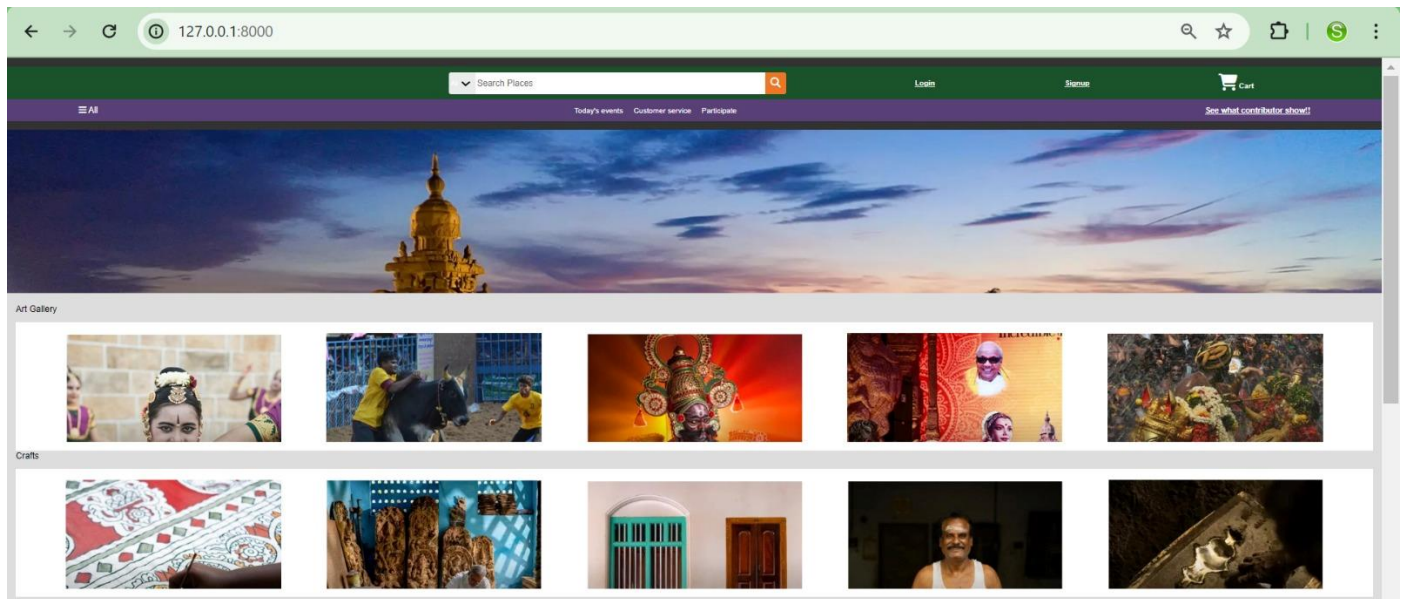
This platform takes on the responsibility of providing personalized recommendations for cultural spots and locally made products, continuously updating these recommendations based on user interactions and ratings. This system continuously collects data on user interactions to refine recommendation models using machine learning. The Rating and Feedback System, which allows users to rate places and products, influencing future recommendations.

## CHAPTER 5

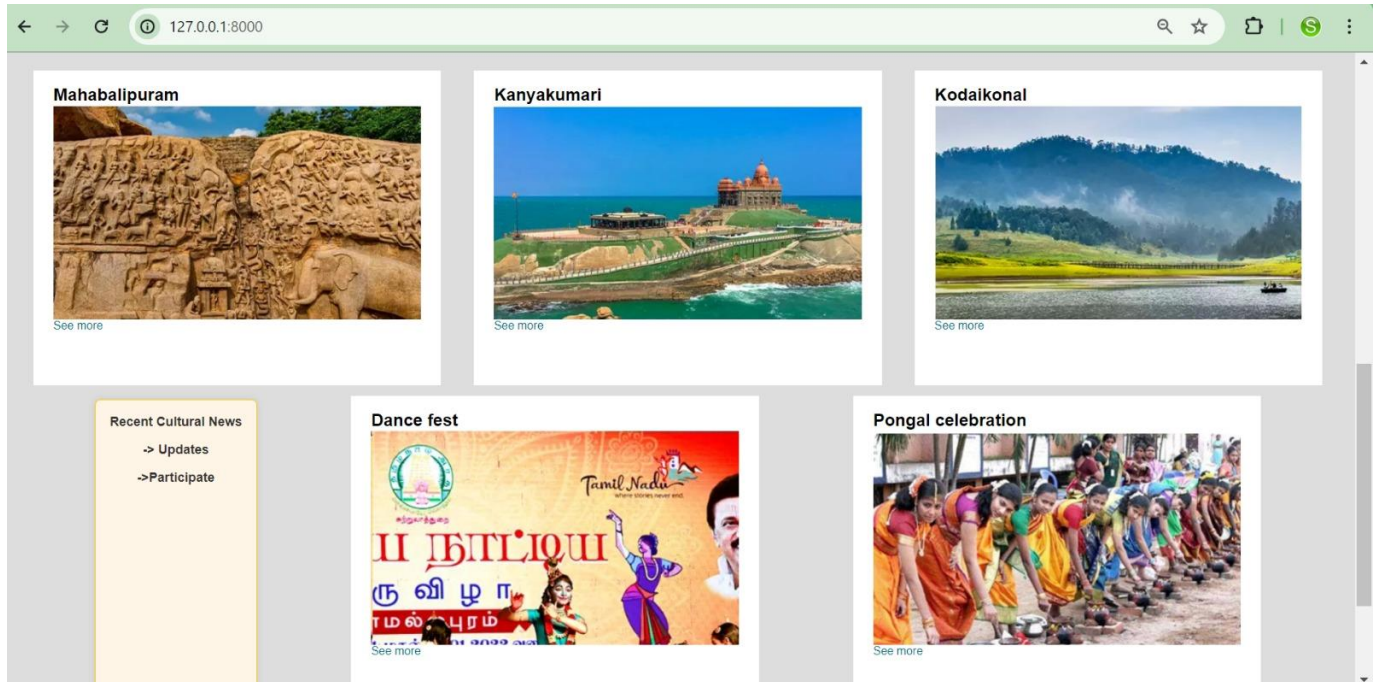
### RESULTS AND DISCUSSIONS

#### 5.1 OUTPUT

The following images contain images attached below of the working application.



**Fig 5.1: Home page**

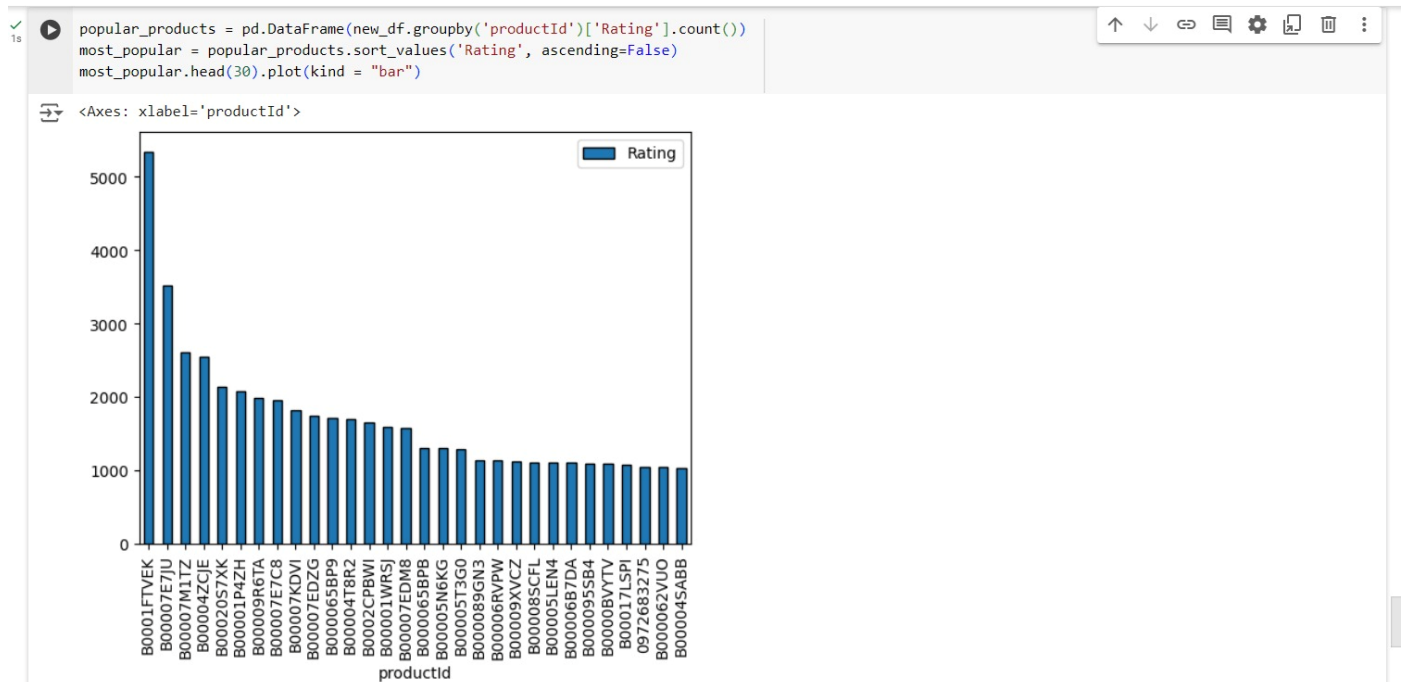


**Fig 5.2 : Home page**

The screenshot shows a 'Signup as contributor' form on a green header. The form fields are as follows:

- First Name\*:** A text input field.
- Middle Name:** A text input field.
- Last Name:** A text input field.
- Age\*:** A text input field.
- Gender\*:** Radio buttons for 'Male' and 'Female'.
- Interest\*:** A dropdown menu with 'Select Interest' and a downward arrow.
- Phone Number\*:** A text input field.
- Email ID\*:** A text input field.
- City\*:** A text input field.
- Submit:** A green button at the bottom of the form.

**Fig 5.3 : Signup page**



**Fig 5.4 : Rating based recommendation**

```

ratings_mean_count = pd.DataFrame(new_df.groupby('productId')['Rating'].mean())
ratings_mean_count['rating_counts'] = pd.DataFrame(new_df.groupby('productId')['Rating'].count())
ratings_mean_count.head()

```

productId	Rating	rating_counts
0972683275	4.470980	1051
1400501466	3.560000	250
1400501520	4.243902	82
1400501776	3.884892	139
1400532620	3.684211	171

## **5.2 RESULT**

This digital platform effectively preserves and celebrates Tamil Nadu's rich heritage and culture. Users can easily register and access various features based on their roles, while contributors can seamlessly upload cultural content and documentaries, and sellers can list locally made products. Personalized recommendations for cultural spots and products are continuously updated based on user interactions and ratings using machine learning algorithms. The platform encourages user engagement through feedback and ratings, influencing future recommendations, and integrates real-time updates to ensure recommendation models reflect the latest trends. Hence, This website provides a vibrant online space for exploring Tamil Nadu's cultural treasures, fostering community engagement, supporting local artisans, and promoting cultural exchange globally.

## **CHAPTER 6**

### **CONCLUSION AND FUTURE ENHANCEMENT**

#### **6.1 CONCLUSION**

Hence , our digital platform is dedicated to preserving and promoting Tamil Nadu's rich heritage and culture. By offering a comprehensive online space with detailed historical content and cultural activities, we aim to protect and celebrate the region's traditions. With personalized recommendations through advanced machine learning, users can enjoy content that matches their interests. The platform also features a marketplace to support local artisans and showcase handmade products, bringing Tamil Nadu's cultural treasures to a global audience. Our goal is to keep these traditions alive and accessible for everyone, ensuring they are cherished for generations to come.

#### **FUTURE ENHANCEMENT**

We can encourage crowdsourced content and contributions, enabling users to share their stories, photographs, and videos to enrich the platform with diverse perspectives and experiences. Additionally, we can also enhancing our e-commerce capabilities by expanding the marketplace to offer a wider range of products, incorporating secure payment options, and enabling global shipping to ensure a seamless shopping experience for customers worldwide. These initiatives aim to foster community engagement and facilitate greater accessibility to Tamil Nadu's cultural heritage while also supporting local artisans and businesses.

## APPENDIX

### SOURCE CODE:

# \priee\culthert\templates\home.html

```
{ % load static % }
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Cultureandheritage</title>
```

```
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-  
awesome/6.5.1/css/all.min.css" integrity="sha512-  
DTOQO9RWCH3ppGqcWaEA1BIZOC6xxalwEsw9c2QQeAIftl+Vegovlnee1c9QX4  
TctnWMn13TZye+giMm8e2LwA==" crossorigin="anonymous" referrerpolicy="no-  
referrer" />
```

```
    <link rel="stylesheet" href="static/style.css">
```

```
</head>
```

```
<body>
```

```
    <header>
```

```
        <div class="navbar">
```

```
            <div class="nav-logo border">
```

```
                <div class="logo">
```

```
            </div>
```

```
        </div>
```

```

<div class="nav-address border">

    <div class="addicon" style="display: flex; align-items: center;">

</div>

</div>

<div class="nav-search">

    <select class="search-select">

        <option style="-webkit-text-fill-color: black;">All</option>

    </select>

    <input class="search-input" style="-webkit-text-fill-color: rgb(109, 107,
107);" placeholder="Search Places">

    <div class="search-icon">

        <i class="fa-solid fa-magnifying-glass"></i>

    </div>

</div>

<div class="nav-signin border">

    <a href="login.html" style="color: white;">Login</a>

</div>

<div class="nav-signin border">

    <a href="signup.html" style="color: white;">Signup</a>

</div>

<div class="cart">

    <i class="fa-solid fa-cart-shopping"></i>

```



Cart

</div>

</div>

<div class="panel">

<div class="menu border">

<i class="fa-solid fa-bars"></i>

All

</div>

<div class="opts border">

<p>Today's events</p>

<p>Customer service</p>

<p>Participate</p>

</div>

<div class="shopdeals border">

<a href="profile.html" style="color: white;">See what contributor  
show!!</a>

</div>

</div>

</header>

<div class="hero-section">

<div class="heromsg">

</div>

</div>

<div class="between">

<div class="tagline">

<p>Art Gallery</p>

<div class="betbox">

<div class="boxv" style="background-image: url('static/bharat.jpg');"></div>

<div class="boxv" style="background-image: url('static/jalikattu.jpg');"></div>

<div class="boxv" style="background-image:  
url('static/therkothu.jpg');"></div>

<div class="boxv" style="background-image: url('static/dance.jpg');"></div>

<div class="boxv" style="background-image: url('static/chithirai.jpg');"></div>

</div>

<p>Crafts</p>

<div class="betbox">

<div class="boxv" style="background-image: url('static/craft1.jpg');"></div>

<div class="boxv" style="background-image: url('static/craft2.jpg');"></div>

<div class="boxv" style="background-image: url('static/craft3.jpg');"></div>

<div class="boxv" style="background-image: url('static/craft4.jpg');"></div>

<div class="boxv" style="background-image: url('static/craft5.jpg');"></div>

</div>

</div>

<div class="trip-planner">

<p>Plan your trip with most visited places</p>

</div>

<div class="shop-section">

<div class="box1 box">

<div class="boxcontent">

<h2>Mahabalipuram</h2>

<div class="box-img" style="background-image: url('static/mh.jpg');"></div>

<p>See more</p>

</div>

</div>

<div class="box2 box">

<div class="boxcontent">

<h2>Kanyakumari</h2>

<div class="box-img" style="background-image: url('static/kk.jpg');"></div>

<p>See more</p>

</div>

</div>

<div class="box3 box">

<div class="boxcontent">

<h2>Kodaikonal</h2>

<div class="box-img" style="background-image: url('static/kodai.jpg');"></div>

<p>See more</p>

</div>

</div>

```
<div class="trip-planner">
```

```
  <p>Recent Cultural News </p><br>
```

```
  <p>-> Updates</p><br>
```

```
  <p>->Participate</p><br>
```

```
</div>
```

```
<div class="box4 box">
```

```
  <div class="boxcontent">
```

```
    <h2>Dance fest</h2>
```

```
    <div class="box-img" style="background-image:
url('static/news1.jpg');"></div>
```

```
    <p>See more</p>
```

```
  </div>
```

```
</div>
```

```
<div class="box1 box">
```

```
  <div class="boxcontent">
```

```
    <h2>Pongal celebration</h2>
```

```
    <div class="box-img" style="background-image:
url('static/news2.jpg');"></div>
```

```
    <p>See more</p>
```

```
  </div>
```

```
</div>
```

```
<footer>
```

```
  <div class="container">
```

<div class="col-12 text-center border-bottom border-grey mb-4 pb-4">

<p class="mb-0 font-secondary font-16 text-grey">

Toll Free No: <a href="tel:1800-425-31111" class="text-grey text-decoration-none">1800-425-31111</a> (Within India only) Department of Tourism,  
Government of Tamil Nadu, #2, Wallajah Road, Chennai - 600002<br>

Fax: +044 25333385, 25333567 | Email: <a href="mailto:tourism@tn.gov.in" class="text-grey text-decoration-none">tourism@tn.gov.in</a>

</p>

</div>

<div class="row">

<div class="col-12 text-center mb-4">

<p class="mb-0 font-secondary font-14 text-grey">

All rights reserved © Tamil Nadu Tourism 2024. <a href="https://www.tamilnadutourism.tn.gov.in/copyright" class="text-grey text-decoration-none hover-color-theme">Copyright</a> | <a href="https://www.tamilnadutourism.tn.gov.in/terms-of-use" class="text-grey text-decoration-none hover-color-theme">Terms of Use</a> | <a href="https://www.tamilnadutourism.tn.gov.in/cookie-policy" class="text-grey text-decoration-none hover-color-theme">Cookie Policy</a> |

<a href="https://www.tamilnadutourism.tn.gov.in/contact" class="text-grey text-decoration-none hover-color-theme">Contact Us</a> <br>

Developed & Maintained by Invis Private Limited.

</p>

</div>

<div class="col-12 text-center">

<ul class="p-0 m-0 social-links">

<li class="list-inline-item">

[<a href="https://www.facebook.com/tntourismoffcl/"](https://www.facebook.com/tntourismoffcl/)

[</a>](https://www.facebook.com/tntourismoffcl/)

</li>

<li class="list-inline-item">

[<a href="https://www.instagram.com/tntourismoffcl/"](https://www.instagram.com/tntourismoffcl/)

[</a>](https://www.instagram.com/tntourismoffcl/)

</li>

<li class="list-inline-item">

[<a href="https://twitter.com/tntourismoffcl" target="\\_blank"](https://twitter.com/tntourismoffcl)

[</a>](https://twitter.com/tntourismoffcl)

</li>

<li class="list-inline-item">

[<a href="https://www.youtube.com/c/TamilnaduTourismOnline"](https://www.youtube.com/c/TamilnaduTourismOnline)

[</a>](https://www.youtube.com/c/TamilnaduTourismOnline)

</li>

<li class="list-inline-item">

[<a href="https://www.linkedin.com/company/tamil-nadu-tourism/"](https://www.linkedin.com/company/tamil-nadu-tourism/)

[</a>](https://www.linkedin.com/company/tamil-nadu-tourism/)

```
        </li>

    </ul>

</div>

</div>

</div>

</footer>

{% block content %}

{% endblock %}

</body>

</html>
```

**// setting.py**

```
from pathlib import Path
```

```
# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(_file_).resolve().parent.parent
```

```
# SECURITY WARNING: keep the secret key used in production secret!
```

```
# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True
```

```
ALLOWED_HOSTS = ['*']
```

```
# Application definition
```

```
INSTALLED_APPS = [  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
    'culthert'  
]
```

```
MIDDLEWARE = [  
    'django.middleware.security.SecurityMiddleware',  
    'django.contrib.sessions.middleware.SessionMiddleware',  
    'django.middleware.common.CommonMiddleware',  
    'django.middleware.csrf.CsrfViewMiddleware',  
    'django.contrib.auth.middleware.AuthenticationMiddleware',  
    'django.contrib.messages.middleware.MessageMiddleware',  
    'django.middleware.clickjacking.XFrameOptionsMiddleware',  
]
```

```
ROOT_URLCONF = 'pride.urls'
```

```
TEMPLATES = [  
    {  
        'BACKEND': 'django.template.backends.django.DjangoTemplates',  
        'DIRS': [],  
        'APP_DIRS': True,  
        'OPTIONS': {  
            'context_processors': [  
                'django.template.context_processors.debug',  
                'django.template.context_processors.request',  
                'django.contrib.auth.context_processors.auth',  
                'django.contrib.messages.context_processors.messages',  
            ],  
        },  
    ],  
]
```

```
WSGI_APPLICATION = 'pride.wsgi.application'
```



# Database

# <https://docs.djangoproject.com/en/5.0/ref/settings/#databases>

```
DATABASES = {  
    'default': {  
        'ENGINE': 'django.db.backends.sqlite3',  
        'NAME': BASE_DIR / 'db.sqlite3',  
    }  
}
```

# Password validation

# <https://docs.djangoproject.com/en/5.0/ref/settings/#auth-password-validators>

```
AUTH_PASSWORD_VALIDATORS = [  
    {  
        'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',  
    },  
    {  
        'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',  
    },  
    {  
        'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',  
    },  
    {  
        'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',  
    },  
]
```

# Internationalization

# <https://docs.djangoproject.com/en/5.0/topics/i18n/>

```
LANGUAGE_CODE = 'en-us'
```

```
TIME_ZONE = 'UTC'
```

```
USE_I18N = True
```

```
USE_TZ = True
```

```
# Static files (CSS, JavaScript, Images)
# https://docs.djangoproject.com/en/5.0/howto/static-files/
```

```
STATIC_URL = 'static/'
```

```
#Add this in your settings.py file:
STATICFILES_DIRS = [BASE_DIR / "static"]
```

```
# Default primary key field type
# https://docs.djangoproject.com/en/5.0/ref/settings/#default-auto-field
```

```
DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'
```

```
//views.py
from django.shortcuts import render
```

```
# Create your views here.
```

```
def home(request):
    return render(request, 'home.html', { })
```

```
// prieee\static\style.css
```

```
*{
    border: border-box;
    margin: 0;
    font-family: Arial;
}
.navbar{
    background-color: #1b522c;
    height: 60px;
    -webkit-text-fill-color: white;
    display: flex;
```

```

    align-items: center;
    justify-content: space-evenly;
}
.nav-logo{
    height: 50px;
    width: 100px;
}
.logo{
    background-image: url("amazon-png-logo-vector-6702.png");
    background-size: cover;
    height: 50px;
    width: 100%;
}
.border{
    border: 2px solid transparent;
}
.border:hover{
    border: 2px solid white;
}
.nav-search{
    display: flex;
    height: 40px;
    border-radius: 4px;
    width: 620px;
    justify-content: space-evenly;
}
.nav-search:hover{
    border: 2px solid rgb(196, 135, 61);
}
}
.search-input{
    width: 100%;
    font-size: 1rem;
    border: none;
}
}
.search-icon{
    width: 45px;
    display: flex;
    justify-content: center;

```

```

    align-items: center;
    background-color: #ee7627;
    font-size: 1.2rem;
    border-top-right-radius: 4px;
    border-bottom-right-radius: 4px;
    color: #0f1111;
}
.search-select{
    background-color: #f3f3f3;
    width: 50px;
    text-align: center;
    border-top-left-radius: 4px;
    border-bottom-left-radius: 4px;
    border: none;
}
.span{
    font-size: 0.7rem;
}

.nav-signin {
    font-size: 0.85rem;
    font-weight: 700;
    -webkit-text-fill-color: white;
    color: white;
}
.cart i{
    font-size: 30px ;
}
.cart{
    font-size: 0.85rem;
    font-weight: 700;
}
.panel{
    background-color: #594178;
    display: flex;
    -webkit-text-fill-color: white;
    height: 40px;
    align-items: center;
    justify-content: space-evenly;
}

```

```

.opts{
  width: 70%;
}
.opts p{
  display: inline;
  font-size: 0.85rem;
  margin-left: 15px;
}
.shopdeals{
  text-align: end;
  font-size: 0.9rem;
  font-weight: 700;
}
.hero-section{
  background-image: url("collab.jpg");
  height: 300px;
  background-size: cover;
  display: flex;
  align-items: flex-end;
  justify-content: center;
}
.heromsg a{
  color: #007185;
}
.shop-section{
  display: flex;
  justify-content: space-evenly;
  background-color: #dddddd;
  flex-wrap: wrap;
}
.box{
  height: 400px;
  width: 28%;
  background-color: white;
  padding: 20px;
  margin-top: 15px;
}
.box-img{
  height: 300px;
  background-size: cover;

```

```

}
.boxcontent{
    margin-left: 0.5rem;
    margin-right: 0.5rem;
}
.boxcontent p{
    color: #007185;
}
.between{
    background-color: #dddddd;
    height: 700px;
    padding-top: 20px;
    flex-wrap: wrap;
}
.tagline{

    margin-left: 1rem;
    margin-right: 1rem;
}
.betbox{
    background-color: white;
    display: flex;
    justify-content: space-evenly;
    height: 200px;
    padding: 20px 10px 15px;
    margin-top: 15px;
}
.boxv{
    background-color: #dddddd;
    width: 16%;
    background-size: cover;
}
.signin{
    height: 80px;
    justify-content: center;
    text-align: center;
    margin-top: 20px;
}
.signin a{

```

```

    color: #007185;
}
.signin p{
    margin-bottom: 10px;
}
.signin button{
    border-radius: 5px;
    align-items: center;
    height: 25px;
    width: 180px;
    color: black;
    background-color: #febd68;
    margin-bottom: 10px;
    border-color: #f0aa4f;

}
/* Footer Specific Styles */
footer .container {
    max-width: 1200px;
    margin: 0 auto;
    padding: 0 20px;
}

footer .border-grey {
    border-color: #666;
}

footer .font-secondary {
    font-family: Arial, sans-serif;
}

footer .font-16 {
    font-size: 16px;
}

footer .font-14 {
    font-size: 14px;
}

footer .text-grey {

```

```

    color: #aaa;
}

footer .hover-color-theme:hover {
    color: #ffcc00;
}

footer .social-links {
    list-style-type: none;
    padding: 0;
    margin: 10px 0;
    display: flex;
    justify-content: center;
}

footer .social-links .list-inline-item {
    margin: 0 10px;
}

footer .social-links a {
    color: white;
    text-decoration: none;
    font-size: 20px;
    display: inline-block;
    width: 40px;
    height: 40px;
    line-height: 40px;
    border-radius: 50%;
    background-color: #555;
    text-align: center;
}

footer .social-links a.facebook {
    background: #3b5998;
}

footer .social-links a.instagram {
    background: #e4405f;
}

```



```
footer .social-links a.twitter {  
    background: #55acee;  
}
```

```
footer .social-links a.youtube {  
    background: #cd201f;  
}
```

```
footer .social-links a.linkedin {  
    background: #0077b5;  
}
```

```
footer .social-links a:hover {  
    opacity: 0.7;  
}
```

```
.trip-planner {  
    background-color: #fff4e6;  
    border: 1px solid #ffcc00;  
    padding: 20px;  
    border-radius: 8px;  
    text-align: center;  
    margin: 20px 0;  
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}
```

```
.trip-planner p {  
    margin: 0;  
    font-size: 18px;  
    color: #333;  
    font-weight: bold;  
}
```

## REFERENCES

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