Dr. Vasantraodada Patil Shetkari Shikshan Mandal's

Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon(Sangli)
Deparment of Computer Science and Engineering
Artificial Intelligence and Data Science

Academic Year:2023-2024

Course: Mini Project-I

Class: TY [CSE(AIDS)]
Semester: V
Course Code:BTAIM507

Group No	Roll No	Name of the Student	Title of the Project	Name of the Guide	Batch
1	3001	Sourabh Arun Narale	Hospital Management System	Mrs.S.S. Patil	T1
	3007	Om Raghvendra Waghmare			
	3013	Tejas Sahebrao Satpute			
2	3009	Chirayu Charudatta Jadhav	Expense Tracker - Mobile Application With Flutter		
	3010	Rushikesh Mukund Amane			
	3012	Omkar Kumar Pol			
3	3002	Akshata Hemant Kasar	Student Registration System		
4	3003	Shreeyash Pratap Manugade	QR Code Generator		
	3004	Tanishka Balaso Kadam			
	3038	Ashish Vyankatrao Tavadar			
5	3015	Swati Arun Koli	Library management system		
6	3006	Pravin Tanaji Patil	Jarvis Ai Assistant		
	3008	Ravikumar Yashavant Waghamode			
	3019	Abhishek Bharat Salunkhe			
7	3011	Rutuja Sanjay Dandavate	Hand Detection		
8	3016	Giridhar Anil Sonawane	Face Recognition Based Attendance System		
	3017	Krushna Ram Pawar			
	3018	Ankush Lakshman Bhairapagol			
9	3020	Snehal Sanjay patil	QR Code Generator	Mr. A.U. Patil	T2
	3021	Sanika Ashok Jadhav			
10	3022	Pranoti Mahesh Patil	BMI calculator with health advisory		
	3028	Archana Siddhanath Nikam			
	3031	Kshitija Shashikant Patil			
11	3034	Prerna Vaibhav Chougule	Android application development		
	3014	Zehra Shabbar Bhojani			
12	3026	Sanjana Gurav	Travel Blog Website		
	3029	Shreya Mithare			
13	3023	Kranti Thorbole	House price prediction		
	3025	Ankita Hanmant Patil			
14	3033	Atharv Mahadev Mali	Online Shopping Platfom		
	3042	Sujit Sanjay Jayappa			
	3046	Harshvardhan Subhash Patil			
	3041	Atharv Ganpatrao Kadam			
15	3055	Zaif ZakirHusen Nadaf	Student Result Management System		
	3056	Mohammad Zaid Amin Golandaj			
	3032	Yash Rajendra Ghorpade			
16	3053	Siddhi Dilip Sutar	Voice Assistant using python	Mr. A.U. Patil	T3
	3054	Vaishnavi Dagadu Olekar			
17	3039	Sushant Manvendra Lokhande	Travel Booking Website		
	3051	Prajakta suryakant suryawanshi			
	3061	Rutuja Mallappa Koli			
18	3024	Sanmesh Sanjay Limkar	food ordering website		
	3027	Prithviraj Abhimanyu Rote			
	3030	Utkarsh Umesh Latthe			
	3035	Pragati Bhaskar Gurav			
19	3044	Vrushali Mahadev Magdum	Online Food Ordering System		
	3045	Ankita Annaso Patil			
	3057	Nisha Nandkumar Jadhav			
20	3036	Shreyash Sunil Kadam	Face Recognition Based Attendance System		
	3037	Anjali Vijay Jadhav			
	3040	Aarti Rajgonda Patil			
21	3043	Akshata Chandrashekhar Sutar.	E-Learning Website		
	3047	Shruti Rajendra Patil.			
	3048	Sanika Govind Sherekar.			
22	3049	Rutuja Dilip Mal	Agroculture		
	3052	Aishwarya Sunil Mane			

Group No	Roll No	Name of the Student	Title of the Project	Name of the Guide	Batch
23	3058	Padmashri Shitalkumar Shetti	Fashion-mnist Classification using CNN	Mrs. D.D. Dhokate	T4
	3074	Anam Babasaheb Vijapure			
24	3066	Reshma Popat Patil	MedChat: Healthcare Chatbot and Website		
	3072	Nikita Popat Patil			
	3073	Devyani Mahendra Ghatage			
25	3065	Ankita Anandarao Jadhav	Image to Text Converter		
	3050	Nisarga Potat Patil			
26	3062	Anushri Sunil Kupade	Photography blog		
	3063	Poonam Gorakhnath Chandanshive			
27	3059	Navnath Dinkar Hattikar	Women Safety And Empowerment Website (Shakti)		
	2005	Sandip S Sawant			
	3068	Hardik Shital Chougule			
	3070	Nawab Rahim Shaikh			
28	3075	Rohan R Bhopale	Soil Testing & Manegment		
	3069	Saurabh S Kurne			
	3071	Prathmesh Sanjay Patil			
	3076	Aaniruddha Sawant			

HOD
Dept. of Computer
Science and Engineering
(Artificial Intelligence and
Data Science)

Agro-Culture

A Design Report submitted to

Dr.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY ,LONERE

In partial fulfillment for the Degree of

Bachelor of Technology In

CSE(ARTIFICIAL INTELLIGENCE & DATA SCIENCE)

Name	PRN No	Roll No
Aishwarya Sunil Mane	2162691925024	3052
Rutuja Dilip Mali	2162691925048	3049

UNDERTHEGUIDENCE OF

Mr. Atul .U .Patil

PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY ,BUDHGAON.

2023-2024

PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY,BUDHGAON

CSE (ARTIFICIAL INTELLIGENCE & DATA SCIENCE)

CERTIFICATE

This is to certify that the project Design report entitled
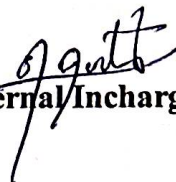
Agro-Culture

Submitted by

Name	PRN No	Roll No
Aishwarya Sunil Mane	2162691925024	3052
Rutuja Dilip Mali	2162691925048	3049

To, Dr.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,LONERE,

In partialf ulfillment for the award of the degree of **CSE(Artificial intelligence & data science)**is a *bonafide* record of Project Design work carried out by him/her under my/our supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.

Mr. Atul .U .Patil
Guide

Mrs. Rupali .R .Jagtap
Head of Department

External Incharge

Dr. B .S .Patil
Principal

ACKNOWLEDGMENT

We feel great pleasure to express my sincere and heartly gratitude for the constant help,encouragement and suggestions given to us at every stage of this work by our guide **Mr. Atul .U .Patil.**
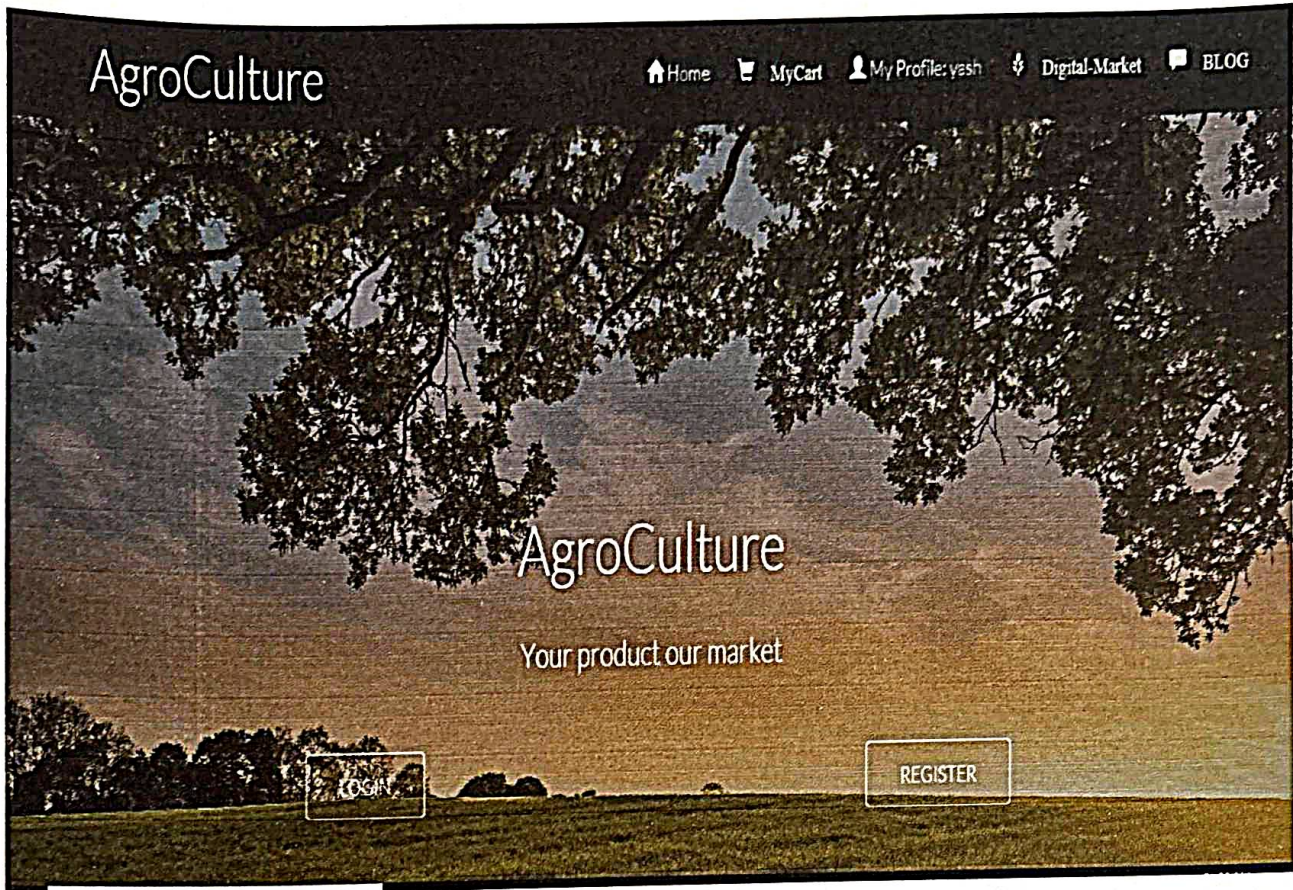
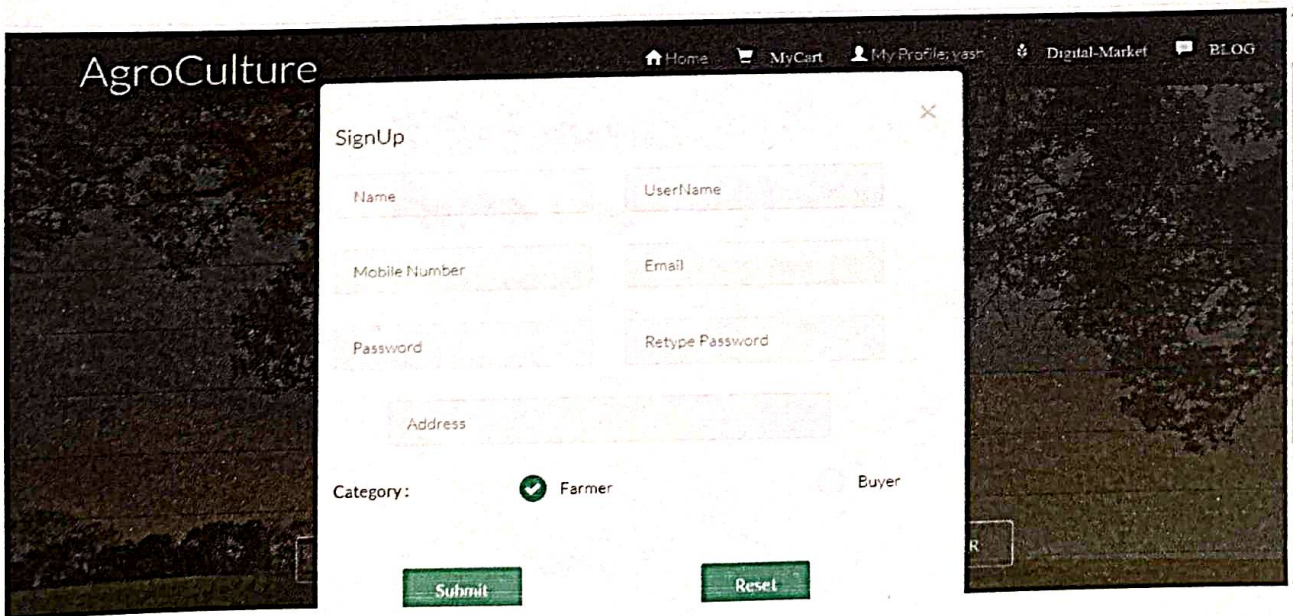We are also very grateful to **Principal, Dr.B.S. Patil ,Head of Department.** **Mrs. Rupali Jagtap** and staff members of Computer Science and Engineering Department, for their co-operation and for providing technical facilities for completion of this work.We take this opportunity to thank all other faculty members who helped in preparing the guidelines.

Name	PRN No	Roll No
Aishwarya Sunil Mane	2162691925024	3052
Rutuja Dilip Mali	2162691925048	3049

SYSTEM DESIGN AND RESULT/OTP

Fig:7.1 Home Page

Fig:7.2 SignUp page Farmer/Buyer

Deparment of Computer Science and Engineering
Artificial Intelligence and Data Science

Academic Year: 2023-2024   **Semester: VI**   **Class: TY (CSE[AIDS])**

Course: Mini Project-II   **Course Code: BTAIM607**

Group No	Roll No	Name of the Student	Title of the Project	Name of the Guide	Batch
1	3009	Chirayu Charudatta Jadhav	Colaborative Note It App	Ms. R. R. Jagtap, Mrs. M. M. Raste	T1, T2, T3, T4
1	3010	Rushikesh Mukund Amane	Colaborative Note It App		
1	3012	Omkar Kumar Pol	Colaborative Note It App		
2	3016	Giridhar Anil Sonawane	Complaint Management System		
2	3017	Krusha Ram Pawar	Complaint Management System		
2	3018	Ankush Laxman Bhairapgol	Complaint Management System		
3	3003	Shreeyash Pratap Manugade	Inventory Management System		
3	3004	Tanishka Balaso Kadam	Inventory Management System		
4	3006	Pravin Tanaji Patil	Event Management System		
4	3008	Ravikumar Yashawant Waghmode	Event Management System		
4	3019	Abhishek Bharat Salunkhe	Event Management System		
5	3007	Om Raghvendra Waghmare	Expense Tracker		
5	3001	Sourabh Arun Narale	Expense Tracker		
5	3013	Tejas Sahebrao Satpute	Expense Tracker		
6	3002	Akshata Hemant Kasar	AI Powered Sign Language		
6	3022	Pranoti Mahesh Patil	AI Powered Sign Language		
6	3028	Archana Siddhnath Kadam	AI Powered Sign Language		
6	3031	Kshitija Shashikant Patil	AI Powered Sign Language		
7	3014	Zehra Shabbir Bhojani	Blog Generation using Genrative AI		
7	3034	Prerana Vaibhav Chougule	Blog Generation using Genrative AI		
8	3023	Kranti Shrimandhar Thorbole	Real Estate Application		
8	3025	Ankita Hanamant Patil	Real Estate Application		
9	3036	Shreyash Sunil Kadam	jarvis AI		
9	3037	Anjali Vijay Jadhav	jarvis AI		
10	3024	Sanmesh Sanjay Limkar	Music Recommendation System		
10	3027	Privthviraj Abhimanyu Rote	Music Recommendation System		
10	3038	Ashish Vyankatrao Tavdar	Music Recommendation System		
11	3005	Sandeep Shivaji Sawant	Dairy Management System		
11	3030	Utkarsh Latthe	Dairy Management System		
12	3015	Swati Arun Koli	Library Management System		
12	3020	Snehal Sanjay Patil	Library Management System		
12	3021	Sanika Ashok Jadhav	Library Management System		
13	3011	Rutuja Dandavate	Real - Time Based API Application		
13	3035	Pragati Gurav	Real - Time Based API Application		
14	3043	Akshata Sutar	Responsive - E-Learning Website		
14	3047	Sanika Sherekar	Responsive - E-Learning Website		
15	3049	Rutuja Mali	E-Commerce Website		
15	3052	Aishwarya Mane	E-Commerce Website		
16	3058	Padmashree Shitalkumar Shetti	Fashion Recommendation System		
16	3074	Anam Babasaheb Vijapure	Fashion Recommendation System		

Group No	Roll No	Name of the Student	Title of the Project	Name of the Guide	Batch
17	3033	Atharva Mahadev Mali	Online Shopping Platform	Ms. R. R. Jagtap, Mrs. M. M. Raste	T1, T2, T3, T4
	3042	Sujit Sanjay Jayappa			
	3046	Harshvardhan Subhash Patil			
18	3067	Aditya Sanjay Jadhav	Billing System with Andriod		
	3070	Nawab Rahim Shaikh			
	3075	Rohan Raju Bhopale			
19	3068	Hardik Shital Chougule	Zomoto Restaurant Rating System		
	3059	Navnath Dinkar Hattikar			
20	3066	Reshma Popat Patil	Healthcare Chat Bot		
	3072	Nikita Popat Patil			
	3073	Devayani Mahendra Ghatage			
21	3053	Siddhi Dilip Sutar	Iris flower classification using Machine Learning		
	3054	Vaishnavi Dagdu Olekar			
22	3050	Nisarga Popat Patil	Movie Recommendation System		
	3065	Ankita Anandrao Jadhav			
23	3044	Vrushali Mahadev Magdum	Credit Card Fraud Detection		
	3057	Nisha Nandkumar Jadhav			
24	3061	Rutuja Mallappa Koli	Real Time Web Application - Weather Forecasting		
	3062	Anushri Sunil Kupade			
	3063	Poonam G. Chandanshive			
25	3048	Shruti Rajendra Patil	Diabetes Detection		
26	3069	Saurabh Sukhdev Kurane	Music and Podcast Streaming App		
	3071	Prathamesh Sanjay Patil			
	3075	Aniruddha Rajesh Sawant			
27	3039	Sushant Mavendra Lokhande	Movie Recommendation System		
	3055	Zaid Zakirhusain Nadaf			
	3056	Mohammadzaid Amin Golandaj			
	3032	Yash Rajendra Ghorpade			
28	3026	Sanjana Sham Gurav	Movie Recommendation System		
	3029	Shreya Shital Mithare			
29	3051	Prajakta Suryakant Suryawanshi	Zomoto Restaurant Rate Prediction System		
30	3040	Arati Rajgonda Patil	Student Internship Management System		
	3045	Ankita Annaso Patil			
31	3041	Atharva Ganpatrao Kadam	Milk Dairy Management System		

HOD CSE(AIDS)
Dept. of Computer Science and Engineering (Artificial Intelligence and Data Science)

A

Mini Project Report

On

"Blog Generation Using Generative AI"

Submitted By

Name of the Student	Roll No	PRN
Zehra Shabbar Bhojani	3014	2162691925055
Prerna Vaibhav Chougule	3034	2162691925032

Class: T. Y. B. Tech [CSE (AIDS)]

Under the Guidance of

Mrs. R. R. Jagtap

Department of Computer Science and Engineering
(Artificial Intelligence and Data Science)

Dr. Vasantraodada Patil Shetkari Shikshan Mandal's

Padmabhooshan Vasantraodada Patil Institute of Technology,
Budhgaon, Sangli - 416304

2023-2024

CERTIFICATE

This is to certify that the Mini Project Report entitled "**Blog Generation Using Generative AI**", which is being submitted by, **Miss. Zehra Bhojani** and **Miss. Prerna Vaibhav Chougule** of class T.Y. [CSE(AIDS)] as partial fulfillment for the Degree of Bachelor of Technology [Computer Science and Engineering(Artificial Intelligence and Data Science)] of **DBATU, Lonere**. This is bonafide work carried under my supervision and guidance.

Place: PVPIT, Budhgaon

Date: 10|5|2024

Mrs. R. R. Jagtap

Guide & HOD

ACNOWLEDGEMENT

The satisfaction & euphoria that accompany the successful completion of any task would be incomplete without the mention of people who made it possible . So We acknowledge all those whose guidance and encouragement served as a beacon light & crowned my efforts with success.

We have immense pleasure in expressing thanks to the principal **Dr. B. S. Patil** for providing all the facilities for the successful completion of the project.

With due respect, we thank our H.O.D. **Ms. R. R. Jagtap, Department Computer Science and Engineering (Artificial Intelligence and Data Science)** for her motivating support, keen interest which kept my spirits alive all through.

We would like to express thanks to our guide **Ms. R. R. Jagtap, Department Computer Science and Engineering (Artificial Intelligence and Data Science)** who guided us throughout the completion of this project.

Finally, we would like to thank all the teaching and non-teaching staff and all our friends who have rendered their support in the completion of this report.

Name and Signature of student:

1. Zehra Shabbar Bhojani

Signature

2. Prerna Vaibhav Chougule

Signature

i

7. System Design / Result:

The Gemini model is a large language model (LLM) created by Google AI, and it achieves state-of-the-art results in various tasks. Here's a breakdown of the system design and its capabilities:

System Design:

- **Training:** Trained on a massive dataset of text and code using Google's custom Tensor Processing Units (TPUs) v4 and v5e, making it highly scalable and efficient.

- **Access:** While the specifics of the internal system design are not publicly available, programmers can interact with Gemini through the Gemini API, which offers functionalities like text generation, code completion and more.

Results:

- **MMLU Benchmark:** Achieved a score of 90.0% on the Massive Multitask Language Understanding (MMLU) benchmark, outperforming human experts on a combination of 57 subjects including science, history, law, and ethics. This signifies its exceptional ability to process information and solve problems across various domains.

- **Code Generation:** A specialized version of Gemini forms the foundation for AlphaCode 2, a system that excels at complex coding challenges that involve aspects beyond programming, like theoretical computer science and mathematics.

Overall, the Gemini model showcases significant advancements in AI, particularly in its reasoning and problem-solving capabilities. Researchers are likely continuing to develop the model's architecture, but its current iteration demonstrates remarkable progress in various fields.
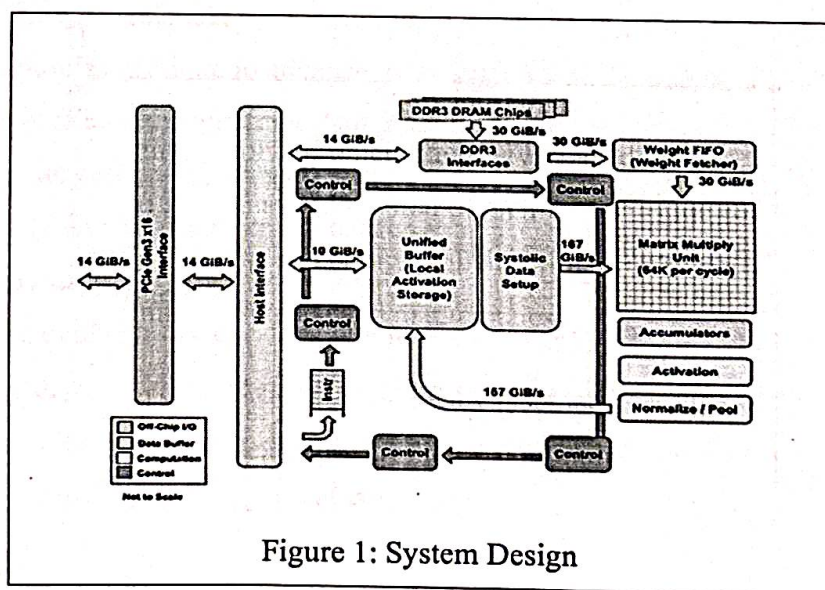

Figure 1: System Design