

Maharashtra Education Society's
ABASAHEB GARWARE COLLEGE,
KARVE ROAD, PUNE- 411004



ACADEMIC YEAR 2023-2024

A
PROJECT REPORT ON
“BLOGGING WEBSITE”

SUBMITTED TO SAVITRIBAI PHULE PUNE UNIVERSITY
BY

Saurabh Rathod(205)
Sujeet Kulal(232)
Aryan Medhe(235)
Girish Waghchoure(260)



MAHARASHTRA EDUCATION SOCIETY'S
(SINCE 1860)

ABASAHEB GARWARE COLLEGE (Autonomous)

Karve Road, Deccan Gymkhana, Pune - 411 004, Maharashtra, India Ph: 020-41038200
E-mail : abasahebgarwarecollege@gmail.com Website www.garwarecollege.mespune.in

Prof.(Dr.) Vilas R. Ugale

MSc, Net, Ph.D.

Principal

• NAAC Re-Accredited 'A' Grade

• Best College Award - Savitribai Phule Pune University

• Best Student Development Board Award - Savitribai Phule Pune University

• I.D.No. PN/A.S/009(1945)

• JR.COLLEGE CODE : 11.11.003

• AISHE CODE : C-41477

• PUN CODE : CAAP 010040

Department of Computer Science

This is to certify that a team of students,

Seat No.

Name

- 1) _____
- 2) _____
- 3) _____
- 4) _____

have successfully completed a project work as a part of T.Y.B.Sc (Computer Science),
SEM – VI course under the guidance of _____

in the academic year 2023-24.

Project Title: _____

Project Guide

Head of Department

Internal Examiner

External Examiner

Acknowledgement

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success.

We are grateful to -----

We also thank our colleagues who have helped in successful completion
of the project.

INDEX

Sr. No	Content	Page No.
1.	Acknowledgement	3
2.	Introduction	5
3.	Existing System	6
4.	Scope of the system	8
5.	Feature of the system	9
6.	System Requirement <ul style="list-style-type: none">• Hardware• Software	10
7.	Feasibility study <ul style="list-style-type: none">• Technical Feasibility• Economical Feasibility• Operational Feasibility	11
8.	Analysis and Design <ul style="list-style-type: none">• Use Case Diagram• Activity Diagram• Sequence Diagram• Deployment Diagram	12
9.	Data Dictionary	16
10.	Input-Output Screen	17
11.	Limitations/Drawbacks	22
12.	Future Enhancement	23
13.	Bibliography	23

Introduction

In a world where information flows ceaselessly and creativity knows no bounds, Bloglanders emerges as a beacon of inspiration and exchange. Our platform is not just a blog website; it's a dynamic community where voices converge, ideas flourish, and connections are forged.

At Bloglanders, we believe in the power of storytelling, the allure of diverse perspectives, and the magic of shared experiences. Whether you're a seasoned wordsmith or a budding enthusiast, there's a place for you here. From insightful think pieces to captivating narratives, from thought-provoking discussions to practical how-tos, our platform hosts an array of content that caters to every curiosity and passion.

Join us on a journey where imagination knows no limits and curiosity knows no bounds. Let's embark on this adventure together, exploring the depths of human creativity and intellect one blog post at a time.

Welcome to Bloglanders – where ideas unite, and voices resonate.

Existing System

The existing system for the Bloglanders project is built upon a foundation of HTML, CSS, PHP, JavaScript, and MySQL technologies. These components work together to create a functional and dynamic blog website where users can read, write, and interact with content.

1. HTML (Hypertext Markup Language):

HTML forms the structure of web pages in the Bloglanders project. It defines the layout, headings, paragraphs, images, and other elements that make up the content visible to users.

2. CSS (Cascading Style Sheets):

CSS is used to enhance the presentation and styling of the HTML elements within the Bloglanders website. It controls aspects such as colors, fonts, spacing, and layout, ensuring a visually appealing and consistent user experience across different devices and screen sizes.

3. PHP (Hypertext Preprocessor):

PHP is employed for server-side scripting in the Bloglanders project. It handles dynamic content generation, processing user input, and interacting with the MySQL database. PHP enables the execution of various functionalities such as user authentication, content management, and data retrieval.

4. JavaScript:

JavaScript adds interactivity and behavior to the Bloglanders website, enriching the user experience. It is used for client-side scripting, allowing for features like form validation, interactive elements, dynamic page updates, and asynchronous communication with the server.

5. MySQL:

MySQL serves as the relational database management system (RDBMS) for storing and managing the structured data of the Bloglanders website. It stores user accounts, blog posts and other relevant information in organized tables, facilitating efficient data retrieval, manipulation, and storage.

Scope of the System

1. User Registration

- Users can create new accounts by providing necessary details such as username, email address, and password.
- Returning users can securely log in to their accounts using their credentials.

2. Content Creation:

- Authenticated users have the ability to create and publish blog posts.
- The post creation interface allows users to input titles, content, and optional images to accompany their posts

3. Image Upload:

- Users can upload images directly from their devices to include in their blog posts.
- The system supports image file formats commonly used on the web, such as JPEG, PNG, and GIF.

4. Post Viewing:

- Visitors to the Bloglanders website can view published blog posts.
- Posts are displayed in a user-friendly format, including titles, content and images.
- Users can navigate through posts using home page.

Features of the System

1. User Account Management:

- User registration: Visitors can create new accounts by providing necessary details like username, email, and password.
- Secure login: Registered users can securely log in to their accounts using their credentials.

2. Content Creation and Publishing:

- Blog post creation: Authenticated users can create and publish blog posts using a simple editor interface.
- Image uploading: Users can upload images directly from their devices to include in their blog posts.

3. Post Viewing and Navigation:

- Post browsing: Visitors can browse published blog posts.

4. Responsive Design:

- Mobile responsiveness: The Bloglanders website is designed to be accessible and user-friendly across different devices and screen sizes, including desktops, tablets, and smartphones.

5. Performance Optimization:

- Fast loading times: The system is optimized for performance to ensure quick loading of pages and content.

System Requirement

For PC/Laptop:-

- Processor:- Windows 7 or more
- Ram:- 4GB or more
- Cache:- 512 KB
- Hard Disk:- 1GB or more

For Phone:-

- Processor:- Android 5.0 or more,
macOS 10.11
- Ram:- 2GB or more
- Cache:- 512 KB

Operating System:- Windows, Android and MacOS

Software:-

- Windows 11
- Apache HTTP Server
- PHP My Admin
- MySQL
- VS Code

Feasibility study

1. Technical Feasibility:

a. Infrastructure: Bloglanders' technical feasibility depends on suitable infrastructure for running, including web servers, databases, and software frameworks like AMP (Apache, MySQL, PHP).

b. Technology Stack: The chosen stack (HTML, CSS, PHP, JavaScript, MySQL) is widely supported with abundant resources, libraries, and frameworks, ensuring technical feasibility.

2. Economical Feasibility:

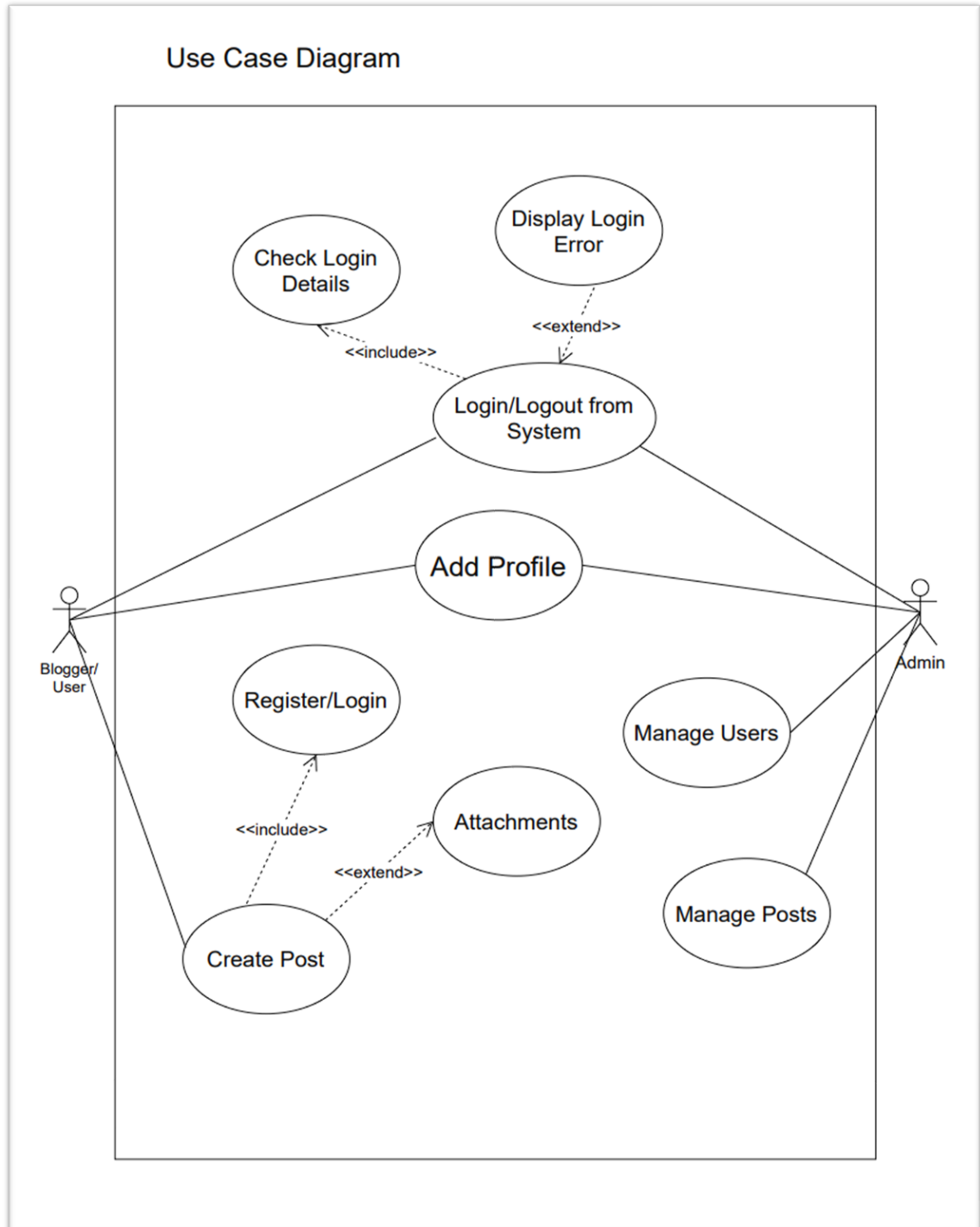
Our project maintains economic feasibility as it is a simple college project developed entirely without any financial expenditure.

3. Operational Feasibility:

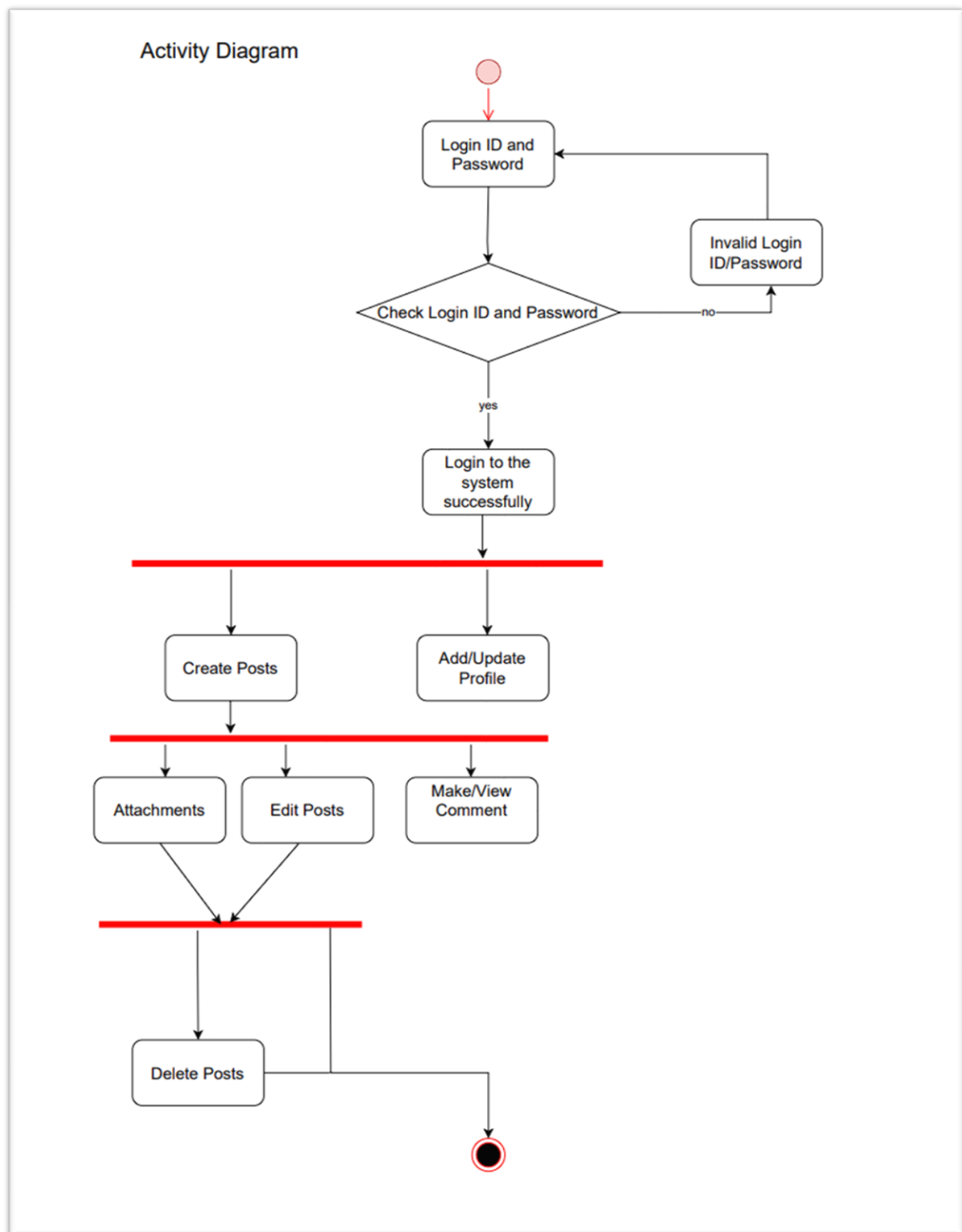
Our project demonstrates operational feasibility by being easy to use and maintain, requiring no training or specialized resources.

Analysis and Design

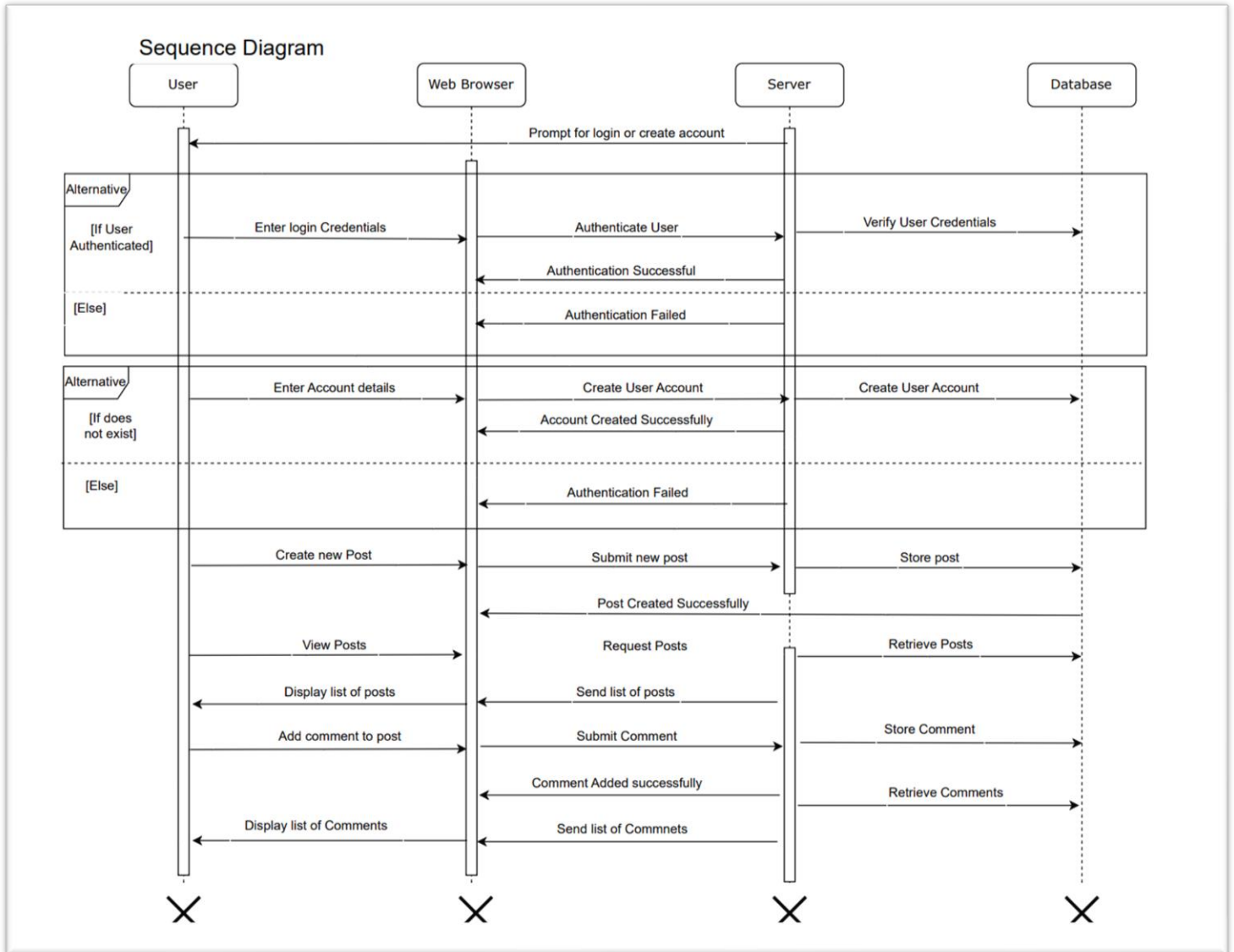
Use Case



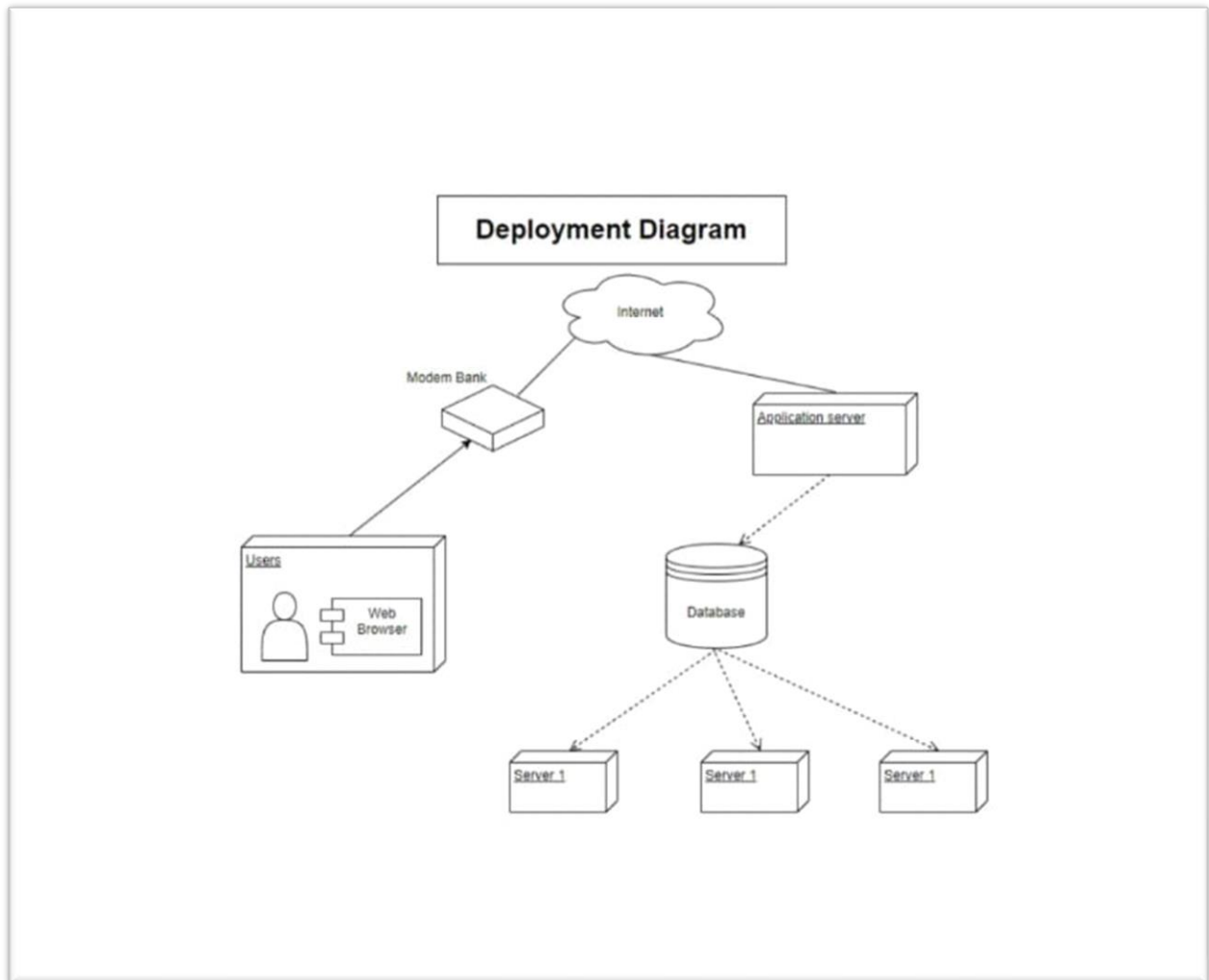
Activity Diagram



Sequence Diagram



Deployment Diagram



Data Dictionary

1. User table

4/10/24, 12:23 PM

localhost / 127.0.0.1 / blog_db / user | phpMyAdmin 5.2.1

user

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	bigint(20)			No	None		AUTO_INCREMENT
2	url_address	varchar(60)	utf8mb4_general_ci		No	None		
3	username	varchar(50)	utf8mb4_general_ci		No	None		
4	password	varchar(64)	utf8mb4_general_ci		No	None		
5	email	varchar(100)	utf8mb4_general_ci		No	None		
6	date	datetime			No	None		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	3	A	No	
url_address	BTREE	No	No	url_address	3	A	No	
username	BTREE	No	No	username	3	A	No	
password	BTREE	No	No	password	3	A	No	
date	BTREE	No	No	date	3	A	No	

Partitions

⚠ No partitioning defined!

2. Post table

4/10/24, 12:22 PM

localhost / 127.0.0.1 / blog_db / images | phpMyAdmin 5.2.1

images

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	post_id	bigint(20)			No	None		AUTO_INCREMENT
2	url_address	varchar(60)	utf8mb4_general_ci		No	None		
3	image	varchar(500)	utf8mb4_general_ci		No	None		
4	date	datetime			No	None		
5	description	text	utf8mb4_general_ci		No	None		
6	title	varchar(100)	utf8mb4_general_ci		No	None		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	post_id	5	A	No	
url_address	BTREE	No	No	url_address	5	A	No	
title	BTREE	No	No	title	5	A	No	

Partitions

⚠ No partitioning defined!

Input-Output Screen

4/10/24, 12:35 PM

Signup | My Website

bloglanders

LoginSignup

name

password

email address

CREATE

Already registered? [Sign In](#)

localhost:3001/public/signup

1/1

4/10/24, 12:21 PM

Login | My Website

Hi, saurabh

bloglanders

HomeAbout UsUploadLogout

saurabh

password

LOGIN

Not registered? [Create an account](#)

localhost:3001/public/login

1/1

Remote work productivity hacks

1. Establish a designated workspace: Create a dedicated area in your home where you can work without distractions. Make sure it's comfortable, well-lit, and organized to boost your focus and productivity.

2. Stick to a routine: Set a consistent schedule for your remote workdays, including regular work hours, breaks, and lunchtime. Maintaining a routine can help you stay disciplined and focused throughout the day.

3. Minimize distractions: Identify potential distractions in your environment and take steps to minimize them. This could involve turning off notifications, using noise-canceling headphones, or setting boundaries with family members or roommates.

The 94th Academy Awards

The 94th Academy Awards: Celebrating Excellence in Cinema The 94th Academy Awards, also known as the Oscars, took place recently, honoring outstanding achievements in the film industry. Despite the challenges posed by the pandemic, the ceremony was a grand celebration of talent, creativity, and resilience. Let's dive into the highlights of this year's Oscars: 1. "Oppenheimer" Triumphs as Best Picture The coveted Best Picture award went to "Oppenheimer", a historical drama directed by Christopher Nolan. The film chronicles the life of physicist J. Robert Oppenheimer, who played a pivotal role in developing the atomic bomb during World War II. Its gripping storytelling and stellar performances captivated audiences worldwide. 2.



The Global Anime Phenomenon

The Global Anime Phenomenon: How Japanese Animation Conquered the World In the past few decades, Japanese animation, commonly known as anime, has transcended cultural boundaries and captured the hearts of millions worldwide. From its distinctive art style to its diverse genres and thought-provoking narratives, anime has become a global phenomenon. Let's explore how this once niche form of entertainment has risen to prominence across the globe. The Evolution of Anime A Brief History Anime has a rich history dating back to the early 20th century. However, it gained widespread recognition in the 1980s and 1990s when iconic series like "Dragon Ball," "Sailor Moon," and "Naruto" found their way onto international



NFTs: A Journey from Hype to Controversy



Unleashing Insights: A Beginner's Guide to Data Analytics

January 1, 2020 by Girish

What is Data Analytics? In a nutshell, data analytics is the systematic process of transforming raw data into valuable insights. It's like turning a pile of unprocessed information into a treasure trove of actionable knowledge. Here are the key components:

1. **Data Collection:** First, we gather raw data from various sources. Think of it as collecting puzzle pieces.
2. **Data Cleaning:** Next, we clean and prepare the data. This step involves removing inconsistencies, filling in missing values, and ensuring the data is ready for analysis.
3. **Data Transformation:** We transform the data into a format suitable for analysis. This might involve aggregating, summarizing, or reshaping it.
4. **Data Modeling:** Here's where the magic happens. We apply statistical techniques, machine learning algorithms, or other methods to extract meaningful patterns and relationships from the data.
5. **Insights and Storytelling:** Finally, we interpret the results and share them. Data analysts create visualizations, reports, and narratives to communicate their findings effectively.

Expert Wisdom:

"Data analytics is not just about numbers; it's about unlocking insights that drive better decisions." – CareerFoundry

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of

About

This website is created as a college project to showcase our skills. Bloglanders is created for connecting thoughts of individuals.

Recent posts



Mental Health Awareness

January 15, 2024

– **Expert Review:** Data scientists, engineers, and analysts collaborate to make data accurate and more valuable for the entire organization.

- **Result:** Well-planned reports with data visualizations help non-experts understand patterns and adapt their strategies.

2. Data Analysis:

- **Definition:** Data analysis is a subset of data analytics. It specifically refers to actions taken to explore, interpret, and visualize patterns in raw data.
- **Focus:** Data analysis dives into the details of data, examining its characteristics, relationships, and trends.
- **Methods:** Techniques like statistical analysis, exploratory data visualization, and hypothesis testing fall under data analysis.
- **Purpose:** Data analysis aims to uncover specific insights or answer targeted questions.
- **Example:** Calculating average customer satisfaction scores, identifying outliers, or comparing sales performance across regions are data analysis tasks.

Future Opportunities:

Augmented Analytics: Definition: Augmented analytics uses artificial intelligence (AI) and machine learning (ML) to automate data preparation, analysis, and insight generation. Impact: This trend significantly enhances the efficiency and accuracy of data analysis, making advanced data insights accessible to non-experts and democratizing data-driven decision-making across organizations¹. **Real-Time Data Analysis:** Opportunity: The growing need for real-time data analysis presents a lucrative opportunity. Advantages: Real-time analysis allows businesses to make immediate decisions based on current data. Tools providing real-time insights are anticipated to see increased demand as timely decision-making becomes critical². **Integration of Advanced Analytics and Machine Learning:** Shift: Future data analysts are expected to leverage advanced analytics and machine learning tools. Skills Needed: A broader skill set, including foundational understanding of machine learning algorithms, will be essential. Impact: Analysts can provide deeper insights, predict trends, and prescribe actions¹. **Data Governance and Ethics:** Responsibility: As data analysts access more sensitive and comprehensive datasets, their role in data governance and ethics becomes crucial.

This website is created as a college project to showcase our skills. Bloglanders is created for connecting thoughts of individuals.

Recent posts



Mental Health Awareness

January 15, 2024

Blog template built for Bootstrap by @mdo.

[Back to top](#)

[Prev](#)

[Next](#)

Mental Health Awareness



Mental Health Awareness: Nurturing Well-Being and Breaking Stigmas In our fast-paced world, where stressors abound and life's demands can overwhelm, mental health awareness is more critical than ever. It's not just about understanding the complexities of our minds; it's about fostering compassion, promoting early intervention, and creating a supportive environment for all. Let's

About Us

This website is created as a college project to showcase our skills. Bloglanders is created for connecting thoughts of individuals. The Blogging Website aims to establish a dynamic and user-centric platform for content creators and readers.

Vision :-

Develop a blogging platform that prioritizes content discovery through advanced curation algorithms. Enhance user engagement through interactive features, fostering a sense of community among creators and readers. Ensure accessibility and responsiveness across various devices to provide an inclusive user experience.

Motivation :-

The motivation behind the development of the blogging website stems from the desire to foster meaningful interactions and promote the exchange of ideas. In a world inundated with information, curated content and authentic voices stand out. By providing a platform for individuals to share their perspectives, experiences, and insights, the website aims to enrich the online discourse and cultivate a sense of belonging within virtual communities.

Purpose :-

The purpose of the blogging website is to facilitate communication, knowledge sharing, and community building. It serves as a centralized hub where users can articulate their thoughts, showcase their expertise, and engage with like-minded individuals. By offering a user-friendly interface and customizable features, the website aims to empower users to express themselves creatively and connect with a diverse audience.

Vision :-

Develop a blogging platform that prioritizes content discovery through advanced curation algorithms. Enhance user engagement through interactive features, fostering a sense of community among creators and readers. Ensure accessibility and responsiveness across various devices to provide an inclusive user experience.

Motivation :-

The motivation behind the development of the blogging website stems from the desire to foster meaningful interactions and promote the exchange of ideas. In a world inundated with information, curated content and authentic voices stand out. By providing a platform for individuals to share their perspectives, experiences, and insights, the website aims to enrich the online discourse and cultivate a sense of belonging within virtual communities.

Purpose :-

The purpose of the blogging website is to facilitate communication, knowledge sharing, and community building. It serves as a centralized hub where users can articulate their thoughts, showcase their expertise, and engage with like-minded individuals. By offering a user-friendly interface and customizable features, the website aims to empower users to express themselves creatively and connect with a diverse audience.

- Our Team -

Saurabh Rathod

Girish Waghchoure

Sujeet Kulal

Aryan Medhe

Limitations/Drawbacks

1. Limited functionality
2. Scalability issues
3. Security vulnerabilities
4. Lack of data validation
5. Limited customization options

Future Enhancement

Future enhancements for the Bloglanders project could include:

1. Enhanced graphical user interface (GUI).
2. Introducing a comment and likes functionality.
3. Enhanced view count tracking for blog posts.

Bibliography

Links : <https://www.youtube.com>
<https://www.php.net/docs.php>
<https://getbootstrap.com/>
<https://fonts.google.com/>