



SREE SARASWATHI
THYAGARAJA COLLEGE
POLLACHI



ONLINE DISCUSSION FORUM

Submitted by
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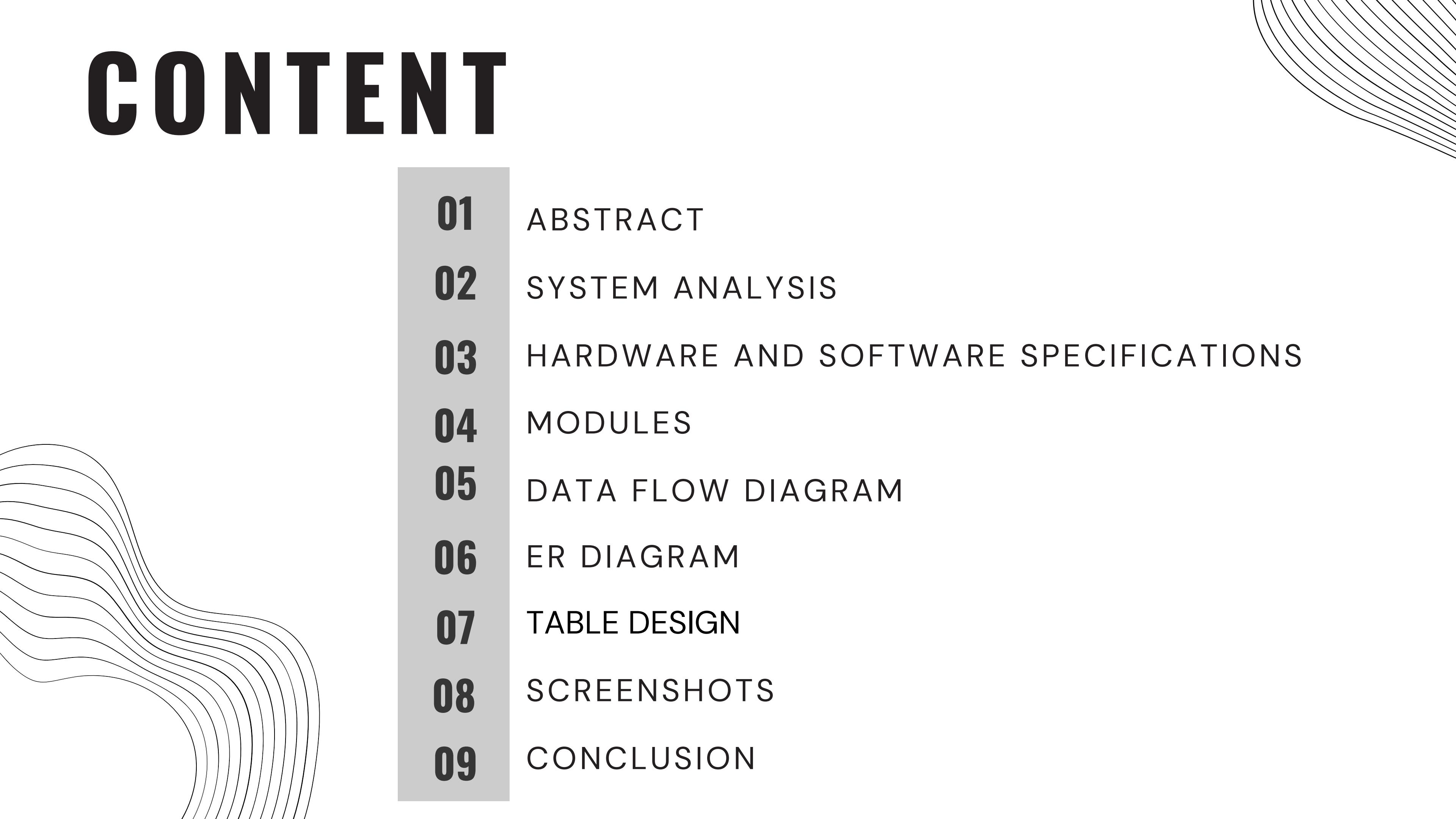
Under the Guidance of
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ONLINE DISCUSSION FORUM USING PHP & SQL

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ABSTRACT

- This project presents the development of an online discussion forum leveraging PHP and MySQL technologies
- The architecture comprises a robust back-end powered by PHP, which handles server-side logic, and a MySQL database that manages user data, posts, and comments. Front-end interaction is designed with HTML, CSS, and JavaScript, ensuring a responsive and interactive interface.

SYSTEM ANALYSIS

Existing System

1. In general people share their ideas, queries and answers from their colleagues or friends through the intercom or direct manner.
2. They need to spend time for their work.

Drawbacks:

- It consumes more time
- They don't get proper answers

PROPOSED SYSTEM

- It is difficult to note down all the problems manually. Instead it is decided to develop an “ONLINE DISCUSS FORUM” to ease the operation.
- A system is required which is being capable of elimination all the problems and become useful to users and thus the new system is derived. Here we get a different view from different users.
- Benefits
 1. Interaction will be easier.
 2. Users articles can be viewed by others
 3. Less time consuming

HARDWARE SPECIFICATIONS

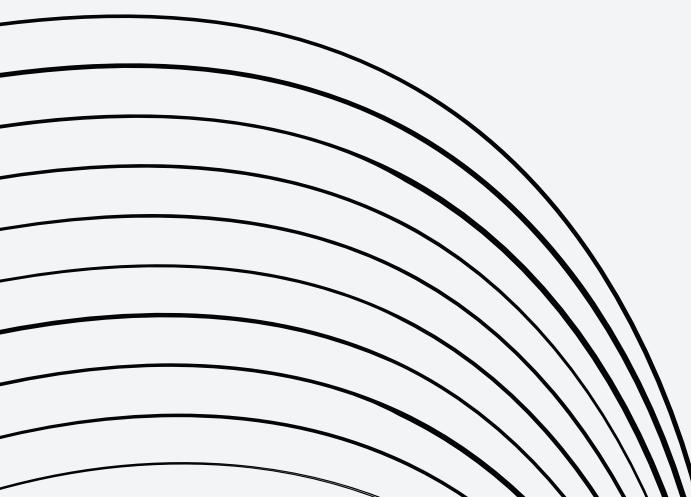
Processor (CPU): Intel Core i3

RAM: 8 GB

Storage: 100 GB SSD

Network: Standard Ethernet or Wi-Fi connection for internet access

Operating System: Windows, macOS, or Linux



SOFTWARE SPECIFICATIONS

OPERATING SYSTEM
LANGUAGE
BACKEND

: *WINDOWS XP PROFESSIONAL*
: *PHP, HTML*
: *SQL SERVER 2000*

User Module

‘USER MODULES

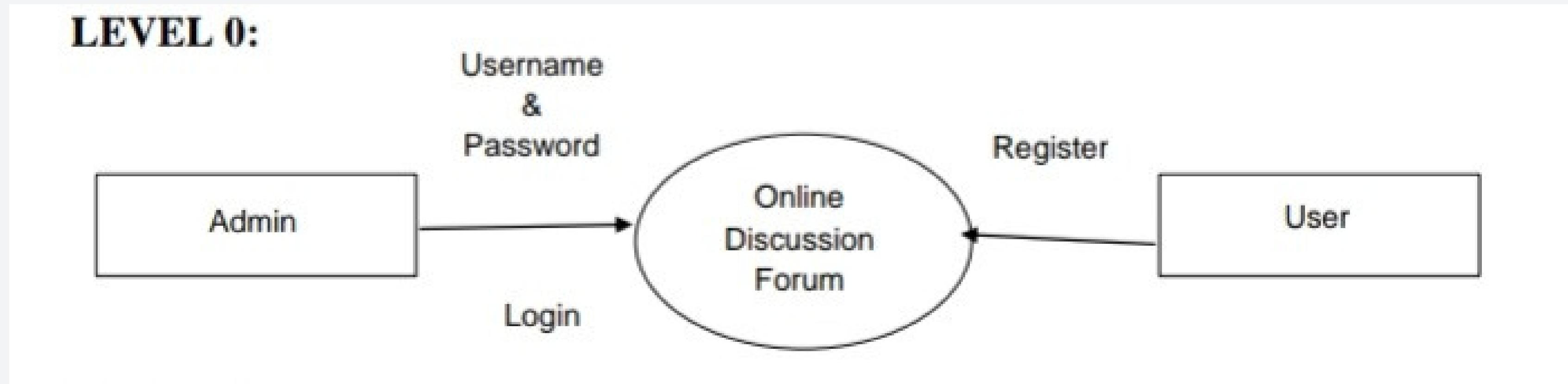
‘User-Side

- Login and Registration
- Home Page
- Topic Categories Page
- Add Post Page
- My Post Page
- Edit or Update Posted Topic
- Comment Section
- Delete Posted Topics
- Delete Posted Comments
- Update Account Details/Credentials
- Logout

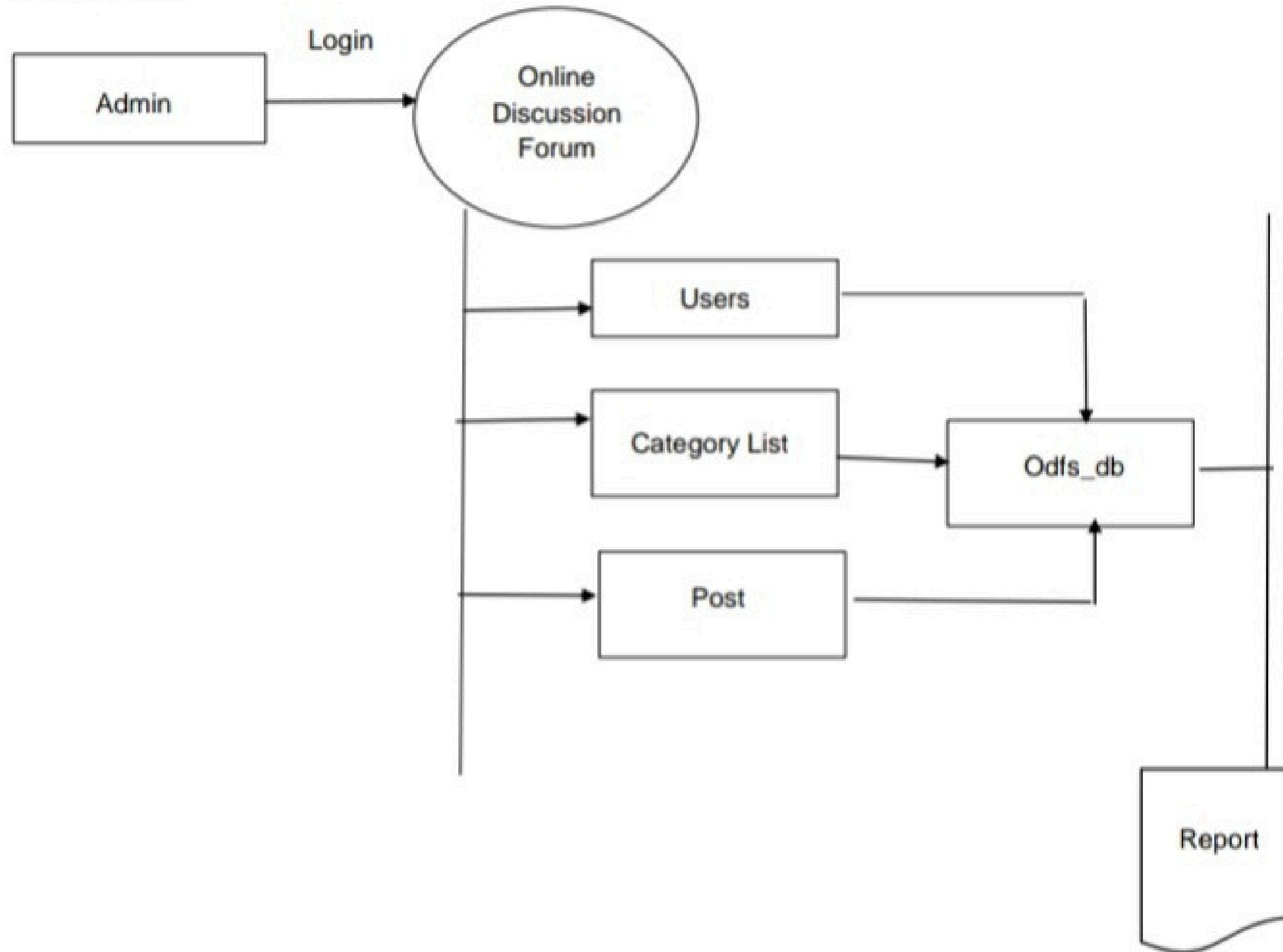
Admin Module

- Home Page
- Category Management
- Post Management
- User Management
- Update System Information
- Update Account Details/Credentials
- Login and Logout

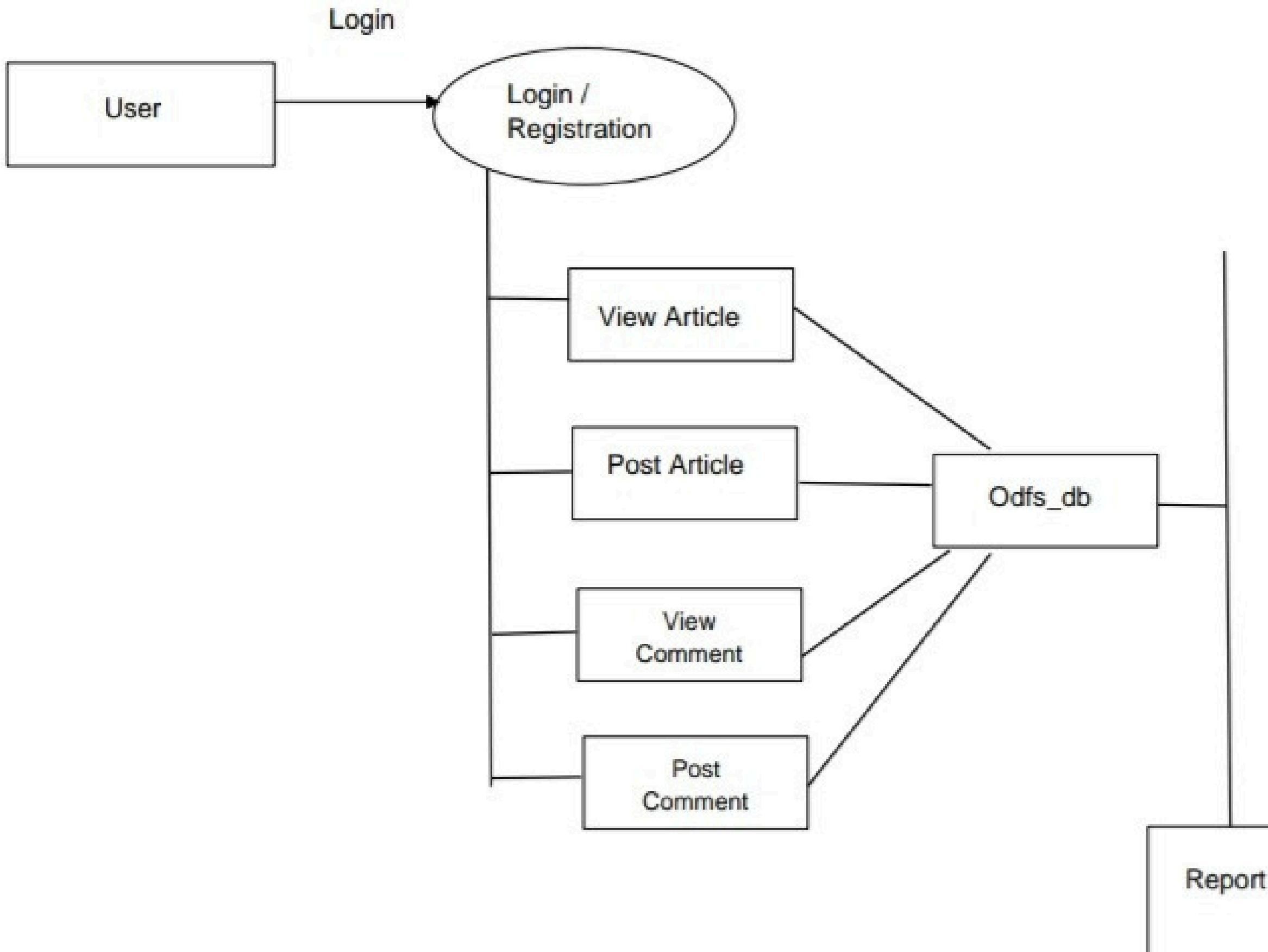
DATA FLOW DIAGRAM



LEVEL 1:



LEVEL 2:



5. ER DIAGRAM

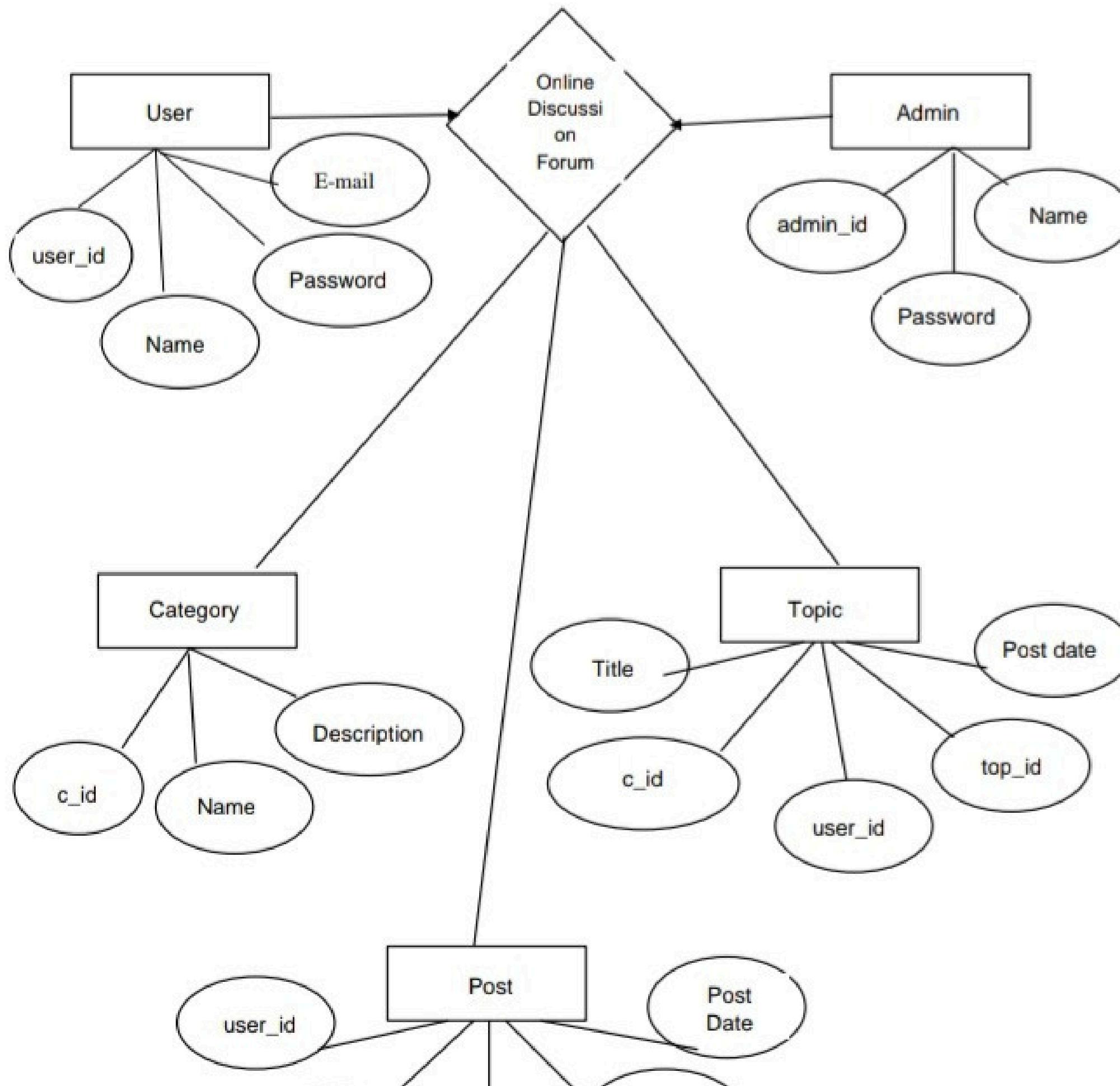


Table Design

Table Name: User Details
Primary Key: Userid

Column Name	Data Type	Description
User name	Varchar	Username
User Id	Varchar	user id
Password	Varchar	Password
E-mail	Varchar	Mail id
Date	Timestamp	Time

Table Name: Categories table

Primary Key: c_id

Column Name	Data Type	Description
Category name	Varchar	Categoryname
c_id	Varchar	Category id
Description	Varchar	Description

Table Name: Topic table

Primary key: topic_id

Foreign Key: c_id

Column Name	Data Type	Description
Title	Varchar	Topic
c_id	Varchar	CategoryId
topic_id	Varchar	topic
Userid	Varchar	user id
Post Date	Timestamp	Time

Table Design

Table Name: post table

Primary key: post_id

Foreign Key: userid

Column Name	Data Type	Description
User id	Varchar	id
post_id	Varchar	Unique id
topic_id	Varchar	topic
Content	Varchar	Post content
Creation Date	Timestamp	Time

Screen Shots

Pearl Discussion Site Home Topic Categories About Login | Register | Admin Login

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Python Variables

Python Variable is containers that store values. Python is not "statically typed". We do not need to declare...

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C Programming



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Add New Topic

Title

Category

Please Select Category Here

Content



Write your content here

 Dashboard Posts

Maintenance

 Category List User List Settings

Welcome, Administrator Admin!

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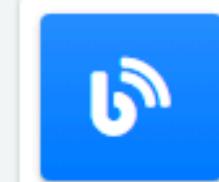
Category List

5



Registered Users

6



Published Post

4



Unpublished Post

0



Conclusion

In conclusion, the online discussion forum developed using PHP and MySQL provides a robust and efficient platform for users to engage in meaningful discussions and share knowledge. The forum's user-friendly interface, coupled with its robust security features, ensures a seamless and secure experience for users. The use of PHP and MySQL enables efficient data management, scalability, and flexibility, making it an ideal choice for building a discussion forum.



Thank You