
ARTICLE SEARCH ENGINE SYSTEM

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1. ABSTRACT

Introduction

Empower article management is a multimedia search engine software. Now a days everyone is familiar with the term internet and utilizes it to search for everything and this becomes the base for sharing and gaining knowledge. Search engines makes it possible to search for data over the web. One such search engine that makes it possible is empower article search engine in which there exists three types of roles that includes admin, registered user, and users. The registered users can upload or search their contents in the form of multimedia like videos, images, text, or audios. For providing quality publications, these uploaded contents are reviewed by admin and after verification, the content is being stored in the database such that the user as well as the registered user can search/view for the content. The aim of the project is to design and develop a data base for the proper management and retrieval of the articles such that all the contents are managed accordingly.

Functionalities of the system

In article search engine there are many categories like news, education, entertainment, general knowledge and many more. These words along with the content type (such as images, video, text, etc.) are used as the keywords to search for the content. The information in databases is targeted accurately that comes from authoritative sources. Users uses such keywords to search for their desired articles from database. Users need to register by choosing their appropriate payment scheme, once the user is registered, they get the access to add/search their own content. Once their content is verified by the admin, and after approval, the article will be published for general users. These contents can also be modified by the admin and needs to track the payment and renewal details of the registered users. Admin can even track the search history of the users.

Modules in the system

This system includes the following modules

- User Interface creation.
- User Registration.
- Track payment schemes.
- Upload/Edit Article.
- Admin approval.

- Storing Keywords.
- Maintaining Search History.

Benefits of the system

The content added to the database can be accessed by many people to explore and share different ideologies. This software makes easy to access the content from anywhere through internet in a short interval of time.

Name of the Team: *Debug Entity Software Solutions*

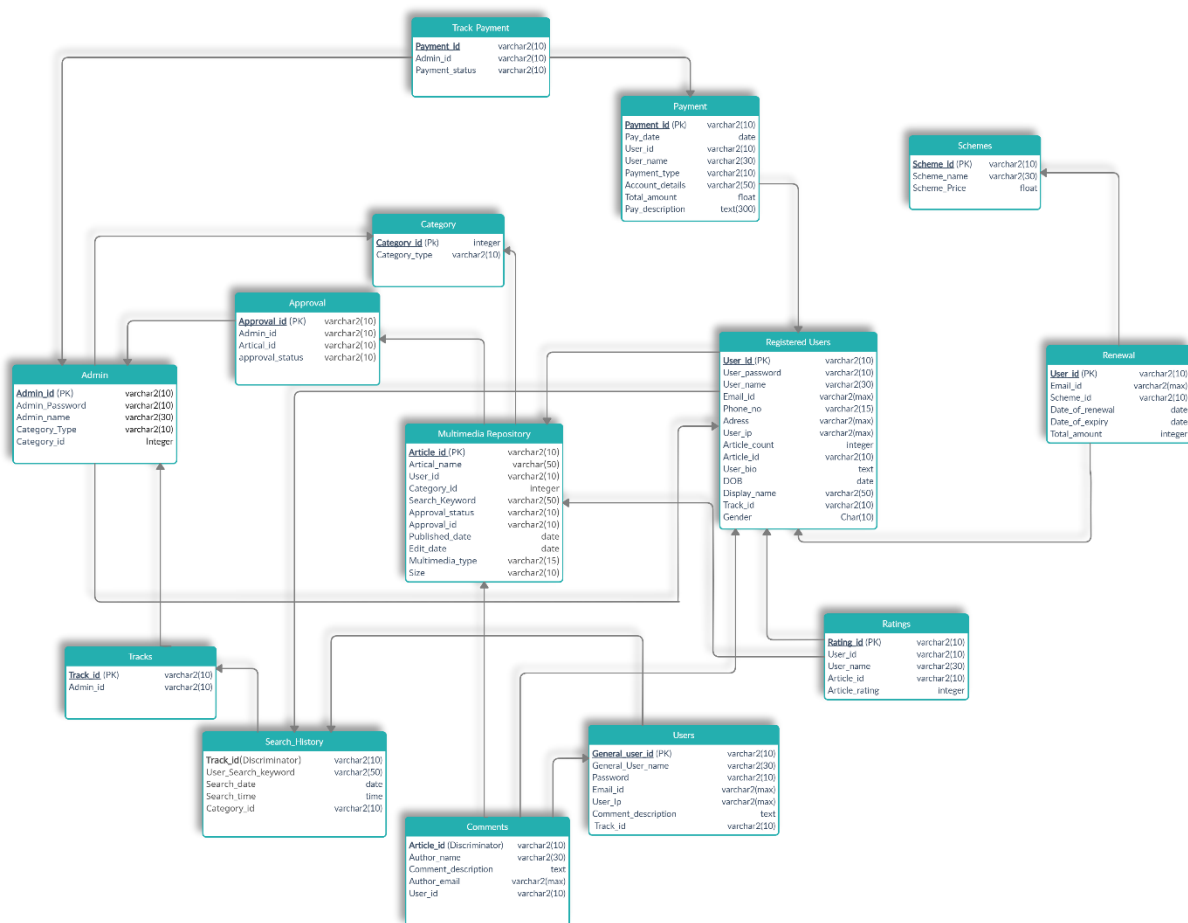
S no	Roll No	Name	Role (Project leader, Designer, Developer, Test & Document)
1	CB.EN.U4CSE20414	Dasari HarshaVardhan Reddy	Leader
2	CB.EN.U4CSE20413	Chinthakunta Gowthami Reddy	Designer
3	CB.EN.U4CSE20450	Pusarla Tarun Vamsi	Developer
4	CB.EN.U4CSE20430	Kilarapu Reethikanjali	Testing and Documenting

Development Platform:

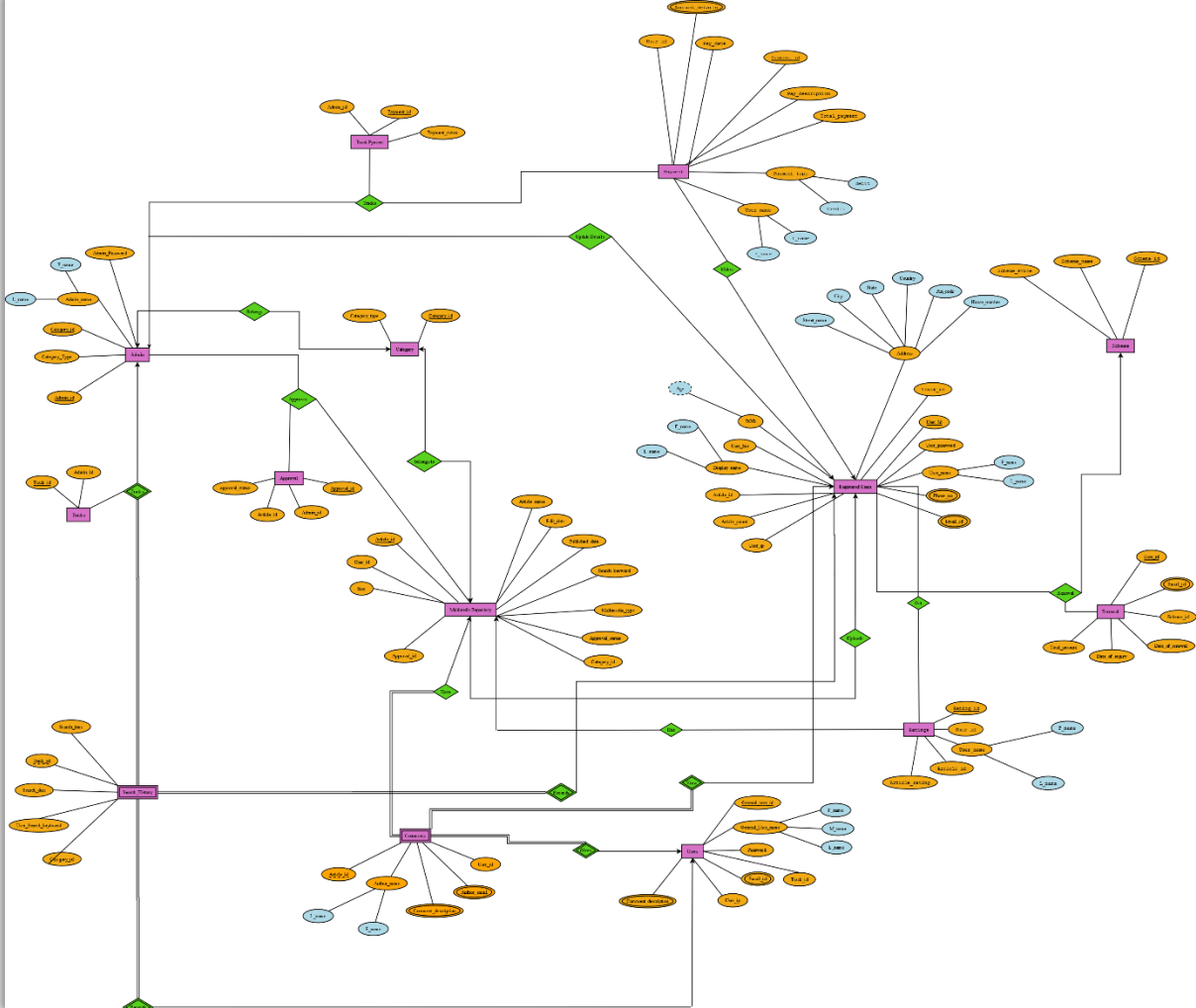
- For Database - SQL
- For User Interface - HTML, CSS, and JavaScript

Signature of Class Handling Faculty

2. SCHEMA DIAGRAM



3. ER DIAGRAM



5. SCHEMA BEFORE NORMALIZATION

Multimedia_Repository (Article_id, Article_name, User_id, Category_id, Search_Keyword, Approval_status, Approval_id, Published_date, Edit_date, Multimedia_type, Admin_id)

Registered Users (User_Id, User_password, User_name, Email_id, Phone_no, Address, Article_count, Article_id, DOB, Track_id)

Users(General user id, General_User_name, Password, Email_id, Track_id, comment_desc)

Payment(Payment_id, Pay_date, User_id, Payment_type, Account_details, Total_a
mount)

Track Payment(Payment_id, Admin_id, Payment_status)

Schemes(Scheme_id, Scheme_name, Scheme_price)

Renewal(User_id, Scheme_id, Date_of_renewal, Date_of_expiry, Total_amount)

Rating (Rating_id, User_id, Article_id, Article_rating)

Admin (Admin_id (PK), Admin_Password, Admin_name, Category_Type, Category_id)

Category (Category_id, Category_type)

Approval (Approval_id, Admin_id, Article_id, approval_status)

Search_History (Track_id, User_Search_Keyword, Search_date, Search_time, Category_id)

Tracks (Track_id, Admin_id)

Comments (Article_id, Author_name, Comment_description, User_id)

6. NORMALIZATION

Master_schema (Article_id, Scheme_id, Track_id, General_user_id, Category_id, User_id, Payment_id, Rating_id, Admin_id, Approval_id, Article_name, Search_Keyword, Approval_status, Published_date, Edit_date, Multimedia_type, User_password, user_name(F_name, L_name), Email_id, Phone_no, Address (Street_name, city, state, country, pincode, House_number), Article_count, DOB, Password, Pay_date, Payment_type(Debit, credit), card_number, Expiry_year, Total_amount, Payment_status, Scheme_name, Scheme_price, Date_of_renewal, Date_of_expiry, Article_rating, Admin_Password, Category_Type, User_Search_Keyword, Search_date, ____, Comment_desc, Search_time)

1NF:

To check whether the relations are in 1NF there is a condition to be satisfied

- a. It shouldn't have multivalued and composite attributes

Master schema is not in 1NF because there are some multivalued attributes like Phone_no, Comment_desc.

To convert this to 1NF:

1. Reg_user_id_Ph(User_id, ph)
2. General_user_id_Ph(General_user_id, ph)
3. Admin_id_Ph(Admin_id, ph)
4. User_Id_comment(General_user_id, Comment_desc)

Master_schema (Article_id, Scheme_id, Track_id, Category_id, General_user_id, Payment_id, User_id, Admin_id, Rating_id, Approval_id, Article_name, Search_Keyword, Approval_status, Published_date, Edit_date, Multimedia_type, User_password, user_name(F_name, L_name), Address (Street_name, city, state, country, pincode, House_number), Article_count, DOB, Password, Pay_date, Payment_type(Debit, credit), Account_details, Total_amount, Payment_status, Scheme_name, Scheme_price, Date_of_renewal, Date_of_expiry, Article_rating, Admin_Password, Category_Type, User_Search_Keyword, Search_date, Search_time)

Now the relations are in 1NF

2NF, 3NF, BCNF:

To check whether the relations are in 2NF there are two conditions to be satisfied

- a. It should be in 1NF

- b. It shouldn't have a partial dependency

1. From Master_schema

Multimedia_Repository (Article_id, Article_name, User_id, Category_id, Search_Keyword, Approval_status, Approval_id, Published_date, Edit_date, Multimedia_type, Admin_id)

Dependencies:

Article_id → (Article_name, category_id, Search_Keyword, published_date, Edit_date, Multimedia_type, User_Id)

Admin_id → (Article_id, Approval_Status, Approval_id, user_id)

The candidate key is **Admin_id**.

The above multimedia repository is already in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF
- b. It shouldn't derive a non-prime attribute from a non-prime attribute

As we have admin_id as only prime attribute but by the functional dependency here, article_id is a non-prime attribute and it is deriving another non-prime attribute so the relation is not in 3NF

So, to make the relations in 3NF

We have to do a lossless decomposition

Multimedia_rep1(**Article_id**, Article_name, category_id, Search_Keyword, published_date, Edit_date, Multimedia_type, User_Id)

Multimedia_rep2(**Admin_id**, **Article_id**, Approval_Status, Approval_id)

To check whether the relation has achieved lossless decomposition:

- a. Both should have a common attribute
- b. At least in either of the table, common attribute is a candidate key

Now the relations satisfy 3NF.

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or) determinants should be a super key.

These both conditions hold so both the relations are in BCNF

Final Relations

Multimedia_rep1(**Article_id**, Article_name, category_id, Search_Keyword, published_date, Edit_date, Multimedia_type, User_Id)

Multimedia_rep2(**Admin_id**, **Article_id**, Approval_Status, Approval_id)

2. From Master_schema

Registered Users (**User_Id**, User_password, User_name, Email_id, Address (Street_name, city, state, country, pincode, House_number), Article_count, Article_id, DOB, Track_id)

Dependencies:

User_id \rightarrow (User_name, User_password, email, state, country, pincode, house_number, street_name, city, article_count, Track_id, DOB)

Email \rightarrow (user_id, user_name, user_password, state, country, pincode, house_number, street_name, city, DOB, Track_id)

Pincode \rightarrow (State, country, city)

Article_id \rightarrow (user_id)

The candidate key is **Article_id**.

The above multimedia repository is not in 1NF as there are multiple values for article_id because one user have written multiple articles.

To convert to 1NF

Reg_users_article_id(user_id, article_id)

Reg_users(User_id, User_name, User_password, email, state, country, pincode, house_number, street_name, city, article_count, Track_id, DOB)

Now we will check 1NF and 2NF for this relation:

Reg_users(User_id, User_name, User_password, email, state, country, pincode, house_number, street_name, city, article_count, Track_id, DOB)

Now the candidate keys are user_id,Email

It is also in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF
- b. It shouldn't derive a non-prime attribute from a non-prime attribute

Pincode(**pincode**, State,country,city)

Reg_users(**User_id**,User_name,User_password,email, pincode,house_number,
street_name,article_count,Track_id,DOB)

Now the relations satisfy 3NF and there is lossless decomposition.

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or)
determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Reg_users_article_id(user_id,article_id)

Pincode(**pincode**, State,country,city)

Reg_users(**User_id**,F_name,L_name,User_password,email, pincode,house_number,
street_name,article_count,Track_id,DOB)

3. From Master_schema

Users(**General user id**,General_User_name>Password,Email_id,Track_id,comment_desc)

Dependencies:

General_User_id \rightarrow (General_User_name, Password, Email_id, Track_id)

Email_id \rightarrow (General_User_name, Password, Track_id)

The candidate key is **General_user_id**.

The above multimedia repository is not in 1NF as there are multiple values for comment_desc because one user can give multiple comments.

To convert to 1NF

General_users_comment(General_user_id, comment_desc)

Users (General_user_id, General_User_name, Password, Email_id, Track_id)

Now we will check 1NF and 2NF for this relation:

Users (General_user_id, General_User_name, Password, Email_id, Track_id)

Now the candidate keys are General_user_id, Email_id

It is also in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF
- b. It shouldn't derive a non-prime attribute from a non-prime attribute

It is in 3NF as there is no non-prime attribute

Now the relations satisfy 3NF and there is lossless decomposition.

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or) determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Users (**General_user_id**, F_name, L_name, Password, Email_id, Track_id)

General_users_comment(General_user_id,comment_desc)

4. From Master_schema

Payment(Payment_id,Pay_date,User_id,Payment_type,Account_details,
Total_amount)

Dependencies:

Payment_id → (pay_date, user_id, Payment_type, Account_details(card_number, Expiry_year)
Total_amount)

The candidate key is **Payment_id**.

Relation is in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF
- b. It shouldn't derive a non-prime attribute from a non-prime attribute

It is in 3NF as there is no non-prime attribute

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or)
determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Payment(Payment_id,Pay_date,User_id,Payment_type,Account_details,
Total_amount)

5. From Master_schema

Track Payment (Payment_id, Admin_id, Payment_status)

Dependencies:

Payment_id → (Admin_id, Payment_status)

The candidate key is **Payment_id**.

Relation is in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF
- b. It shouldn't derive a non-prime attribute from a non-prime attribute

It is in 3NF as there is no non-prime attribute

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or) determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Track Payment (Payment_id, Admin_id, Payment_status)

6. From Master_schema

Schemes(Scheme_id, Scheme_name, Scheme_price)

Dependencies:

$\text{Scheme_id} \rightarrow (\text{Scheme_name}, \text{Scheme_price})$

The candidate key is **Scheme_id**.

Relation is in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF
- b. It shouldn't derive a non-prime attribute from a non-prime attribute

It is in 3NF as there is no non-prime attribute

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or) determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Schemes(Scheme_id,Scheme_name,Scheme_price)

7. From Master_schema

Renewal (User_id,Scheme_id,Date_of_renewal,Date_of_expiry,Total_amount)

Dependencies:

User_id \rightarrow (Scheme_id, Date_of_renewal,Date_of_expiry,Total_amount)

The candidate key is **User_id**.

Relation is in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF
- b. It shouldn't derive a non-prime attribute from a non-prime attribute

It is in 3NF as there is no non-prime attribute

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or) determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Renewal (User_id,Scheme_id,Date_of_renewal,Date_of_expiry,Total_amount)

8. From Master_schema

Rating (**Rating_id**, User_id, Article_id, Article_rating)

Dependencies:

Rating_id \rightarrow (User_id, Article_id, Article_rating)

The candidate key is **Rating_id**.

Relation is in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- It should be in 2NF
- It shouldn't derive a non-prime attribute from a non-prime attribute

It is in 3NF as there is no non-prime attribute

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- It should be in 3NF
- Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or) determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Rating (**Rating_id**, User_id, Article_id, Article_rating)

9. From Master_schema

Admin (**Admin_id**, Admin_Password, F_name, L_name, Category_Type, Category_id)

Dependencies:

Admin_id \rightarrow (**Admin_id**, Admin_Password, F_name, L_name, Category_id)

Category_id \rightarrow (category_type)

The candidate key is **Admin_id**.

Relation is in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF
- b. It shouldn't derive a non-prime attribute from a non-prime attribute

Here category_id is a non-prime attribute

So we divide the relation

Category(**category_id**,category_type)

Admin (**Admin_id**, Admin_Password, F_name,L_name, Category_id)

It is in 3NF as there is no non-prime attribute

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or) determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Category(**category_id**,category_type)

Admin (**Admin_id**, Admin_Password, F_name,L_name, Category_id)

10. From Master_schema

Search_History (**Track_id**, User_Search_Keyword, Search_date, Search_time, Category_id)

Dependencies:

$(\text{Track_id}, \text{Search_time}) \rightarrow (\text{User_Search_Keyword}, \text{Search_date}, \text{Category_id})$

The candidate key is **Track_id,Search_time**.

Relation is in 1NF

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- a. It should be in 2NF

- b. It shouldn't derive a non-prime attribute from a non-prime attribute

It is in 3NF as there is no non-prime attribute

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- a. It should be in 3NF
- b. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or) determinants should be a super key.

These both conditions hold so all the relations are in BCNF

Final relations

Search_History (Track_id, Search_time, User_Search_Keyword, Search_date, Category_id)

11. From Master_schema

Comments (Article_id, F_name, L_name, Comment_description, General_user_id, reg_user_id)

Dependencies:

Article_id \rightarrow (F_name, L_name, reg_user_id, gen_user_id)

The candidate key is **Article_id**.

Relation is not in 1NF because comment_desc is a multivalued attribute as user can give multiple comments to same article

Article_comment_desc(Article_id, comment_desc)

Article_comment (**Article_id**, F_name, L_name, reg_user_id, General_user_id)

It is also in 2NF because there are no partial dependencies

To check whether the relations are in **3NF** there are two conditions to be satisfied

- c. It should be in 2NF
- d. It shouldn't derive a non-prime attribute from a non-prime attribute

It is in 3NF as there is no non-prime attribute

To check whether the relations are in **BCNF** there are two conditions to be satisfied

- c. It should be in 3NF

- d. Whenever a non-trivial FD $X \rightarrow Y$ holds in R, then X should be a super key of R (or determinants should be a super key).

These both conditions hold so all the relations are in BCNF

Final relations

Article_comment_desc(Article_id,comment_desc)

Article_comment (**Article_id**,F_name,L_name,reg_user_id,General_user_id)

7. SCHEMA AFTER NORMALIZATION

1. Multimedia_rep1(**Article_id**, Article_name,category_id,Search_Keyword, published_date, Edit_date,Multimedia_type,User_Id)
2. Multimedia_rep2(**Admin_id**, **Article_id**,Approval_Status,Approval_id)
3. Reg_users_article_id(user_id,article_id)
4. Pincod(**pincod**, State,country,city)
5. Reg_users(**User_id**,F_name,L_name,User_password,email, pincod,house_number, street_name,article_count,Track_id,DOB)
6. Users (**General_user_id**, F_name, L_name>Password,Email_id,Track_id)
7. General_users_comment(General_user_id,comment_desc)
8. **Payment** (**Payment_id**,Pay_date,User_id,Payment_type,Account_details, Total_amount)
9. **Track Payment** (**Payment_id**, Admin_id, Payment_status)
10. **Schemes** (**Scheme_id**,Scheme_name,Scheme_price)
11. **Renewal** (**User_id**,Scheme_id,Date_of_renewal,Date_of_expiry,Total_amount)
12. **Rating** (**Rating_id**,User_id,Article_id,Article_rating)
13. Category(**category_id**,category_type)
14. Admin (**Admin_id**, Admin_Password, F_name,L_name, Category_id)
15. **Search_History** (**Track_id**, **Search_time**, User_Search_Keyword, Search_date, Category_id)

16. Article_comment_desc(Article_id,comment_desc)

17. Article_comment (**Article_id**,F_name,L_name,reg_user_id,General_user_id)

18. Reg_user_id_Ph(User_id,ph)

19. General_user_id_Ph(General_user_id,ph)

20. Admin_id_Ph(Admin_id,ph)

8. TABLE CREATION AND INSERTION

Multimedia_rep1

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_001','Covid Status in India','CATEGORY_007','Covid Status','3-DEC-21','10-DEC-21','PHOTO','USER_001');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_002','New corona variant found in south africa','CATEGORY_007','south africa','9-OCT-21','19-NOV-21','VIEDO','USER_002');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_003','Histor of Rajasthan','CATEGORY_008','Rajasthan','10-DEC-21','10-DEC-21','GIF','USER_001');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_004','Remote Vs Onsite Vs Hybrid working - What should you prefer and why?','CATEGORY_002','Remote Vs Onsite','8-DEC-21','10-JAN-21','DOCUMENT','USER_003');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_005','Best song of the year!!','CATEGORY_009','Song','6-DEC-21','10-DEC-21','VIEDO','USER_004');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_006','Pubg ban in India','CATEGORY_010','pubg','9-MAR-21','17-DEC-21','PHOTO','USER_004');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_007','Amrita hold 4th place in the nirf ranking','CATEGORY_006','nirf ranking','4-JUL-21','22-AUG-21','GIF','USER_001');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_008','The beauty of nature','CATEGORY_003','nature','1-OCT-21','3-DEC-21','GIF','USER_006');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_009','Best places to visit in india','CATEGORY_008','places','18-NOV-21','19-DEC-21','VIEDO','USER_009');

INSERT INTO Multimedia_rep1 VALUES ('ARTICLE_010','Ask Me Who Am I...??','CATEGORY_003','Who Am I','10-SEP-21','13-NOV-21','PHOTO','USER_010');

ARTICLE_ID	ARTICLE_NAME	CATEGORY_ID	SEARCH_KEYWORD	PUBLISHED_DATE	EDIT_DATE	MULTIMEDIA_TYPE	USER_ID
ARTICLE_001	Covid Status in India	CATEGORY_007	Covid Status	03-DEC-21	10-DEC-21	PHOTO	USER_001
ARTICLE_002	New corona variant found in south africa	CATEGORY_007	south africa	09-OCT-21	19-NOV-21	VIDEO	USER_002
ARTICLE_003	Histor of Rajasthan	CATEGORY_008	Rajasthan	10-DEC-21	10-DEC-21	GIF	USER_001
ARTICLE_004	Remote Vs Onsite Vs Hybrid working - What should you prefer and why?	CATEGORY_002	Remote Vs Onsite	08-DEC-21	10-JAN-21	DOCUMENT	USER_003
ARTICLE_005	Best song of the year!!	CATEGORY_009	Song	06-DEC-21	10-DEC-21	VIDEO	USER_004
ARTICLE_006	Pubg ban in India	CATEGORY_010	pubg	09-MAR-21	17-DEC-21	PHOTO	USER_004
ARTICLE_007	Amrita hold 4th place in the nirf ranking	CATEGORY_006	nirf ranking	04-JUL-21	22-AUG-21	GIF	USER_001
ARTICLE_008	The beauty of nature	CATEGORY_003	nature	01-OCT-21	03-DEC-21	GIF	USER_006
ARTICLE_009	Best places to visit in india	CATEGORY_008	places	18-NOV-21	19-DEC-21	VIDEO	USER_009
ARTICLE_010	Ask Me Who Am I...???	CATEGORY_003	Who Am I	10-SEP-21	13-NOV-21	PHOTO	USER_010

Download CSV
10 rows selected.

Multimedia_rep2

INSERT INTO Multimedia_rep2

VALUES('ADMIN_001','ARTICLE_001','APPROVED','APPROVAL_001');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_002','ARTICLE_001','APPROVED','APPROVAL_002');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_003','ARTICLE_009','APPROVED','APPROVAL_003');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_003','ARTICLE_002','PENDING','APPROVAL_004');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_005','ARTICLE_003','APPROVED','APPROVAL_005');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_006','ARTICLE_003','PENDING','APPROVAL_006');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_007','ARTICLE_004','APPROVED','APPROVAL_007');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_008','ARTICLE_004','REJECTED','APPROVAL_008');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_010','ARTICLE_009','APPROVED','APPROVAL_009');

INSERT INTO Multimedia_rep2

VALUES('ADMIN_010','ARTICLE_010','REJECTED','APPROVAL_010');

ADMIN_ID	ARTICLE_ID	APPROVAL_STATUS	APPROVAL_ID
ADMIN_001	ARTICLE_001	APPROVED	APPROVAL_001
ADMIN_002	ARTICLE_001	APPROVED	APPROVAL_002
ADMIN_003	ARTICLE_009	APPROVED	APPROVAL_003
ADMIN_003	ARTICLE_002	PENDING	APPROVAL_004
ADMIN_005	ARTICLE_003	APPROVED	APPROVAL_005
ADMIN_006	ARTICLE_003	PENDING	APPROVAL_006
ADMIN_007	ARTICLE_004	APPROVED	APPROVAL_007
ADMIN_008	ARTICLE_004	REJECTED	APPROVAL_008
ADMIN_010	ARTICLE_009	APPROVED	APPROVAL_009
ADMIN_010	ARTICLE_010	REJECTED	APPROVAL_010

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10 rows selected.

Reg_users_article_id

```

INSERT INTO Reg_users_article_id VALUES('USER_001','ARTICLE_002');
INSERT INTO Reg_users_article_id VALUES('USER_004','ARTICLE_003');
INSERT INTO Reg_users_article_id VALUES('USER_007','ARTICLE_006');
INSERT INTO Reg_users_article_id VALUES('USER_001','ARTICLE_009');
INSERT INTO Reg_users_article_id VALUES('USER_004','ARTICLE_001');
INSERT INTO Reg_users_article_id VALUES('USER_003','ARTICLE_001');
INSERT INTO Reg_users_article_id VALUES('USER_008','ARTICLE_009');
INSERT INTO Reg_users_article_id VALUES('USER_009','ARTICLE_004');
INSERT INTO Reg_users_article_id VALUES('USER_010','ARTICLE_004');
INSERT INTO Reg_users_article_id VALUES('USER_005','ARTICLE_003');

```

USER_ID	ARTICLE_ID
USER_001	ARTICLE_002
USER_001	ARTICLE_009
USER_003	ARTICLE_001
USER_004	ARTICLE_001
USER_004	ARTICLE_003
USER_005	ARTICLE_003
USER_007	ARTICLE_006
USER_008	ARTICLE_009
USER_009	ARTICLE_004
USER_010	ARTICLE_004

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10 rows selected.

Pincode

```
create table Pincode(pincode numeric(6),state varchar(20),country varchar(20),city
varchar(20),PRIMARY KEY (pincode));
```

```
insert into Pincode values('520010','ANDHRA PRADESH','INDIA','VIJAYAWADA');
```

```
insert into Pincode values('521301','ANDHRA PRADESH','INDIA','GUDIWADA');
```

```
insert into Pincode values('521157','ANDHRA PRADESH','INDIA','PAMARRU');
```

```
insert into Pincode values('500020','ANDHRA PRADESH','INDIA','VIZAG');
```

```
insert into Pincode values('510051','ANDHRA PRADESH','INDIA','ANANTAPUR');
```

```
insert into Pincode values('500001','TELANGANA','INDIA','HYDERABAD');
```

```
insert into Pincode values('530068','ANDHRA PRADESH','INDIA','BANGLORE');
```

```
insert into Pincode values('641001','TAMIL NADU','INDIA','COIMBATORE');
```

```
insert into Pincode values('533001','ANDHRA PRADESH','INDIA','KAKINADA');
```

```
insert into Pincode values('574326','ANDHRA PRADESH','INDIA','BANDAR');
```

PINCODE	STATE	COUNTRY	CITY
520010	ANDHRA PRADESH	INDIA	VIJAYAWADA
521301	ANDHRA PRADESH	INDIA	GUDIWADA
521157	ANDHRA PRADESH	INDIA	PAMARRU
500020	ANDHRA PRADESH	INDIA	VIZAG
510051	ANDHRA PRADESH	INDIA	ANANTAPUR
500001	TELANGANA	INDIA	HYDERABAD
530068	ANDHRA PRADESH	INDIA	BANGLORE
641001	TAMIL NADU	INDIA	COIMBATORE
533001	ANDHRA PRADESH	INDIA	KAKINADA
574326	ANDHRA PRADESH	INDIA	BANDAR

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Reg_users

insert into Reg_users

values('USER_001','HARSHA','REDDY','Warner@1','harsha292@gmail.com','520010','2-140','TAGARPUVALASA',8,'TRACK_001','15-FEB-2');

insert into Reg_users

values('USER_002','GOWTHAMI','REDDY','Qwerty@2','gowthami14@gmail.com','521301','3-140','Broadway',7,'TRACK_002','13-MAR-3');

insert into Reg_users

values('USER_003','REETHIKA','ANJALI','Asdfgh@3','reethika30@gmail.com','521301','4-140','5th Avenue',9,'TRACK_003','13-APR-2');

insert into Reg_users

values('USER_004','TARUN','VAMSI','Zxcvb@4','vamsi50@gmail.com','520010','5-140','TAGARPUVALASA',8,'TRACK_004','17-FEB-2');

insert into Reg_users

values('USER_005','VIRAT','KOHLI','Kohli@18','kohli18@gmail.com','521157','6-140','Wall Street',10,'TRACK_005','19-APR-4');

```
insert into Reg_users
values('USER_006','MS','DHONI','Dhoni@7','dhoni7@gmail.com','521157','7-140','Wall
Street',5,'TRACK_006','19-JUN-2');
```

```
insert into Reg_users
values('USER_007','SAM','KARAN','Klrahul@1','sam1@gmail.com','530068','8-140','Wall
Street',3,'TRACK_007','16-DEC-2');
```

```
insert into Reg_users
values('USER_008','TOM','KARAN','Amrita@14','Tom2@gmail.com','520010','9-
140','Doyers Street',1,'TRACK_008','23-MAY-4');
```

```
insert into Reg_users
values('USER_009','DEEPAK','CHAR','Secret@6','deepak3@gmail.com','530068','1-
142','Park Avenue',6,'TRACK_009','14-FEB-2');
```

```
insert into Reg_users
values('USER_010','DAVID','WARNER','Security@9','warner5@gmail.com','530068','1-
149','Doyers Street',7,'TRACK_010','13-JUL-2');
```

USER_ID	F_NAME	L_NAME	USER_PASSWORD	EMAIL	PINCODE	HOUSE_NUMBER	STREET_NAME	ARTICLE_COUNT	TRACK_ID	DOB
USER_001	HARSHA	REDDY	Warner@1	harsha292@gmail.com	520010	2-140	TAGARPUVALASA	8	TRACK_001	15-FEB-02
USER_002	GOWTHAMI	REDDY	Qwerty@2	gowthami14@gmail.com	521301	3-140	Broadway	7	TRACK_002	13-MAR-03
USER_003	REETHIKA	ANJALI	Asdfgh@3	reethika30@gmail.com	521301	4-140	5th Avenue	9	TRACK_003	13-APR-02
USER_004	TARUN	VAMSI	Zxcvb@4	vamsi50@gmail.com	520010	5-140	TAGARPUVALASA	8	TRACK_004	17-FEB-02
USER_005	VIRAT	KOHLI	Kohli@18	kohli18@gmail.com	521157	6-140	Wall Street	10	TRACK_005	19-APR-04
USER_006	MS	DHONI	Dhoni@7	dhoni7@gmail.com	521157	7-140	Wall Street	5	TRACK_006	19-JUN-02
USER_007	SAM	KARAN	Klrahul@1	sam1@gmail.com	530068	8-140	Wall Street	3	TRACK_007	16-DEC-02
USER_008	TOM	KARAN	Amrita@14	Tom2@gmail.com	520010	9-140	Doyers Street	1	TRACK_008	23-MAY-04
USER_009	DEEPAK	CHAR	Secret@6	deepak3@gmail.com	530068	1-142	Park Avenue	6	TRACK_009	14-FEB-02
USER_010	DAVID	WARNER	Security@9	warner5@gmail.com	530068	1-149	Doyers Street	7	TRACK_010	13-JUL-02

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10 rows selected.

Users

```
insert into Users
values('GENERAL_001','JHON','WICK','Qwerty@2','jhonwick1@gmail.com','TRACK_011'
);
```

```
insert into Users
values('GENERAL_002','RAVINDRA','JADEJA','Asdfgh@3','jadeja2@gmail.com','TRACK
_012');
```

```
insert into Users
values('GENERAL_003','AJAZ','PATEL','Zxcvb@4','ajaz3@gmail.com','TRACK_013');
```

```
insert into Users
values('GENERAL_004','CHRIS','GAYLE','Kohli@18','gayle333@gmail.com','TRACK_014');
```

```
insert into Users
values('GENERAL_005','RAHUL','DRAVID','Dhoni@7','dravid8@gmail.com','TRACK_015');
```

```
insert into Users
values('GENERAL_006','RANVEER','SINGH','Klrahul@1','ranveer11@gmail.com','TRACK_016');
```

```
insert into Users
values('GENERAL_007','YUVRAJ','PATEL','Secret@6','yuvraj6@gmail.com','TRACK_017');
```

```
insert into Users
values('GENERAL_008','AKASH','CHOPRA','Security@9','akash5@gmail.com','TRACK_018');
```

```
insert into Users
values('GENERAL_009','RAM','VARMA','Amrita@14','ram21@gmail.com','TRACK_019');
```

```
insert into Users
values('GENERAL_010','PRATAP','SINGH','Amrita@19','pratap6@gmail.com','TRACK_020');
```

GENERAL_USER_ID	F_NAME	L_NAME	PASSWORD	EMAIL_ID	TRACK_ID
GENERAL_001	JHON	WICK	Qwerty@2	jhonwick1@gmail.com	TRACK_011
GENERAL_002	RAVINDRA	JADEJA	Asdfgh@3	jadeja2@gmail.com	TRACK_012
GENERAL_003	AJAZ	PATEL	Zxcvb@4	ajaz3@gmail.com	TRACK_013
GENERAL_004	CHRIS	GAYLE	Kohli@18	gayle333@gmail.com	TRACK_014
GENERAL_005	RAHUL	DRAVID	Dhoni@7	dravid8@gmail.com	TRACK_015
GENERAL_006	RANVEER	SINGH	Klrahul@1	ranveer11@gmail.com	TRACK_016
GENERAL_007	YUVRAJ	PATEL	Secret@6	yuvraj6@gmail.com	TRACK_017
GENERAL_008	AKASH	CHOPRA	Security@9	akash5@gmail.com	TRACK_018
GENERAL_009	RAM	VARMA	Amrita@14	ram21@gmail.com	TRACK_019
GENERAL_010	PRATAP	SINGH	Amrita@19	pratap6@gmail.com	TRACK_020

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10 rows selected.

General_users_comment

```
insert into General_users_comment values('GENERAL_001','Great going');
insert into General_users_comment values('GENERAL_002','Stupendous');
insert into General_users_comment values('GENERAL_003','Terrific job');
insert into General_users_comment values('GENERAL_004','This is something special.');
```

```
insert into General_users_comment values('GENERAL_005','This paper has pizzazz!');
insert into General_users_comment values('GENERAL_006','Sharp thinking');
insert into General_users_comment values('GENERAL_007','A splendid job!');
insert into General_users_comment values('GENERAL_008','Clear, concise, and complete!');
insert into General_users_comment values('GENERAL_009','Desirable');
insert into General_users_comment values('GENERAL_010','Fabulous');
```

GENERAL_USER_ID	COMMENT_DESC
GENERAL_001	Great going
GENERAL_002	Stupendous
GENERAL_003	Terrific job
GENERAL_004	This is something special.
GENERAL_005	This paper has pizzazz!
GENERAL_006	Sharp thinking
GENERAL_007	A splendid job!
GENERAL_008	Clear, concise, and complete!
GENERAL_009	Desirable
GENERAL_010	Fabulous

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10 rows selected.

Payment

```
INSERT INTO Payment VALUES('PAYMENT_001','8-DEC-21','USER_002','DEBIT','7821956841259865','12-JAN-26','500');
```

```
INSERT INTO Payment VALUES('PAYMENT_002','12-JAN-21','USER_006','CREDIT','4598213687459658','21-NOV-25','900');
```

```
INSERT INTO Payment VALUES('PAYMENT_003','18-APR-21','USER_005','CREDIT','4596321789569852','11-DEC-24','850');
```

```
INSERT INTO Payment VALUES('PAYMENT_004','6-JUN-21','USER_004','CREDIT','3021479603459762','2-APR-22','1500');
```

```
INSERT INTO Payment VALUES('PAYMENT_005','9-DEC-21','USER_002','DEBIT','6982493217896301','19-MAY-29','750');
```

```
INSERT INTO Payment VALUES('PAYMENT_006','3-MAY-21','USER_001','DEBIT','1236749612579536','13-FEB-27','640');
```

```
INSERT INTO Payment VALUES('PAYMENT_007','5-FEB-21','USER_010','CREDIT','1579632014795632','26-APR-22','690');
```

```
INSERT INTO Payment VALUES('PAYMENT_008','27-NOV-21','USER_009','DEBIT','5698214759632598','13-NOV-24','545');
```

```
INSERT INTO Payment VALUES('PAYMENT_009','15-OCT-21','USER_005','DEBIT','3258769412578962','18-DEC-23','560');
```

```
INSERT INTO Payment VALUES('PAYMENT_010','2-DEC-21','USER_006','CREDIT','1578963201476002','5-JUN-22','915');
```

PAYMENT_ID	PAY_DATE	USER_ID	PAYMENT_TYPE	CARD_NUMBER	EXPIRY_YEAR	TOTAL_AMOUNT
PAYMENT_001	08-DEC-21	USER_002	DEBIT	7821956841259865	12-JAN-26	500
PAYMENT_002	12-JAN-21	USER_006	CREDIT	4598213687459658	21-NOV-25	900
PAYMENT_003	18-APR-21	USER_005	CREDIT	4596321789569852	11-DEC-24	850
PAYMENT_004	06-JUN-21	USER_004	CREDIT	3021479603459762	02-APR-22	1500
PAYMENT_005	09-DEC-21	USER_002	DEBIT	6982493217896301	19-MAY-29	750
PAYMENT_006	03-MAY-21	USER_001	DEBIT	1236749612579536	13-FEB-27	640
PAYMENT_007	05-FEB-21	USER_010	CREDIT	1579632014795632	26-APR-22	690
PAYMENT_008	27-NOV-21	USER_009	DEBIT	5698214759632598	13-NOV-24	545
PAYMENT_009	15-OCT-21	USER_005	DEBIT	3258769412578962	18-DEC-23	560
PAYMENT_010	02-DEC-21	USER_006	CREDIT	1578963201476002	05-JUN-22	915

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10 rows selected.

Track Payment

```
INSERT INTO Track_payment VALUES('PAYMENT_001','ADMIN_005','SUCCESS');
INSERT INTO Track_payment VALUES('PAYMENT_002','ADMIN_008','PENDING');
INSERT INTO Track_payment VALUES('PAYMENT_003','ADMIN_006','FAILED');
INSERT INTO Track_payment VALUES('PAYMENT_004','ADMIN_004','FAILED');
INSERT INTO Track_payment VALUES('PAYMENT_005','ADMIN_001','PENDING');
INSERT INTO Track_payment VALUES('PAYMENT_006','ADMIN_005','SUCCESS');
INSERT INTO Track_payment VALUES('PAYMENT_007','ADMIN_007','PENDING');
INSERT INTO Track_payment VALUES('PAYMENT_008','ADMIN_009','FAILED');
INSERT INTO Track_payment VALUES('PAYMENT_009','ADMIN_010','PENDING');
INSERT INTO Track_payment VALUES('PAYMENT_010','ADMIN_003','SUCCESS');
```

PAYMENT_ID	ADMIN_ID	PAYMENT_STATUS
PAYMENT_001	ADMIN_005	SUCCESS
PAYMENT_002	ADMIN_008	PENDING
PAYMENT_003	ADMIN_006	FAILED
PAYMENT_004	ADMIN_004	FAILED
PAYMENT_005	ADMIN_001	PENDING
PAYMENT_006	ADMIN_005	SUCCESS
PAYMENT_007	ADMIN_007	PENDING
PAYMENT_008	ADMIN_009	FAILED
PAYMENT_009	ADMIN_010	PENDING
PAYMENT_010	ADMIN_003	SUCCESS

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10 rows selected.

Schemes

```
create table Schemes(Scheme_id varchar(20),Scheme_name varchar(15),Scheme_price
numeric(10), PRIMARY KEY(Scheme_id));
```

```
Insert into Schemes values('0010','Diamond',1999);
```

```
Insert into Schemes values('0001','Gold I',1599);
```

```
Insert into Schemes values('0002','Gold II',1299);
```

```
Insert into Schemes values('0003','Gold III',999);
```

```
Insert into Schemes values('0004','Silver I',799);
```

```
Insert into Schemes values('0005','Silver II',699);
```

```
Insert into Schemes values('0006','Silver III',499);
```

```
Insert into Schemes values('0007','Bronze I',399);
```

```
Insert into Schemes values('0008','Bronze II',299);
```

```
Insert into Schemes values('0009','Bronze III',199);
```

SCHEME_ID	SCHEME_NAME	SCHEME_PRICE
0010	Diamond	1999
0001	Gold I	1599
0002	Gold II	1299
0003	Gold III	999
0004	Silver I	799
0005	Silver II	699
0006	Silver III	499
0007	Bronze I	399
0008	Bronze II	299
0009	Bronze III	199

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Renewal

```
INSERT INTO Renewal VALUES ( 'USER_009', '0009' , '3-DEC-21' , '3-FEB-22' , 199);  
INSERT INTO Renewal VALUES ( 'USER_006', '0006' , '3-SEP-21' , '3-FEB-22' , 499);  
INSERT INTO Renewal VALUES ( 'USER_001', '0001' , '3-SEP-21' , '3-FEB-22' , 1599);  
INSERT INTO Renewal VALUES ( 'USER_002', '0001' , '3-NOV-21' , '3-NOV-22' , 1599);  
INSERT INTO Renewal VALUES ( 'USER_010', '0010' , '3-SEP-21' , '3-FEB-22' , 1999);  
INSERT INTO Renewal VALUES ( 'USER_003', '0006' , '10-JAN-21' , '10-JUN-21',499);  
INSERT INTO Renewal VALUES ( 'USER_004', '0009' , '3-SEP-21' , '3-NOV-21' , 199);  
INSERT INTO Renewal VALUES ( 'USER_005', '0004' , '3-SEP-21' , '3-APR-22' , 799);  
INSERT INTO Renewal VALUES ( 'USER_008', '0006' , '3-FEB-21' , '3-JUL-21' , 499);  
INSERT INTO Renewal VALUES ( 'USER_007', '0002' , '3-JUN-21' , '3-MAY-22' , 1299);
```

USER_ID	SCHEME_ID	DATE_OF_RENEWAL	DATE_OF_EXPIRY	TOTAL_AMOUNT
USER_009	0009	03-DEC-21	03-FEB-22	199
USER_006	0006	03-SEP-21	03-FEB-22	499
USER_001	0001	03-SEP-21	03-FEB-22	1599
USER_002	0001	03-NOV-21	03-NOV-22	1599
USER_010	0010	03-SEP-21	03-FEB-22	1999
USER_003	0006	10-JAN-21	10-JUN-21	499
USER_004	0009	03-SEP-21	03-NOV-21	199
USER_005	0004	03-SEP-21	03-APR-22	799
USER_008	0006	03-FEB-21	03-JUL-21	499
USER_007	0002	03-JUN-21	03-MAY-22	1299

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10 rows selected.

Rating

```
insert into Rating values('RATING_001','USER_001','ARTICLE_002','9');
insert into Rating values('RATING_002','USER_006','ARTICLE_007','7');
insert into Rating values('RATING_003','USER_003','ARTICLE_004','6');
insert into Rating values('RATING_004','USER_003','ARTICLE_002','8');
insert into Rating values('RATING_005','USER_002','ARTICLE_001','9');
insert into Rating values('RATING_006','USER_010','ARTICLE_009','10');
insert into Rating values('RATING_007','USER_004','ARTICLE_005','5');
insert into Rating values('RATING_008','USER_004','ARTICLE_008','8');
insert into Rating values('RATING_009','USER_005','ARTICLE_004','9');
insert into Rating values('RATING_010','USER_008','ARTICLE_006','5');
```

RATING_ID	USER_ID	ARTICLE_ID	ARTICLE_RATING
RATING_001	USER_001	ARTICLE_002	9
RATING_002	USER_006	ARTICLE_007	7
RATING_003	USER_003	ARTICLE_004	6
RATING_004	USER_003	ARTICLE_002	8
RATING_005	USER_002	ARTICLE_001	9
RATING_006	USER_010	ARTICLE_009	10
RATING_007	USER_004	ARTICLE_005	5
RATING_008	USER_004	ARTICLE_008	8
RATING_009	USER_005	ARTICLE_004	9
RATING_010	USER_008	ARTICLE_006	5

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10 rows selected.

Category

```
INSERT INTO Category VALUES ('CATEGORY_001','ART');
INSERT INTO Category VALUES ('CATEGORY_002','AUTOMOBILE');
INSERT INTO Category VALUES ('CATEGORY_003','LITERATURE');
INSERT INTO Category VALUES ('CATEGORY_004','CAREERS');
INSERT INTO Category VALUES ('CATEGORY_005','CITIES');
INSERT INTO Category VALUES ('CATEGORY_006','COLLEGES');
INSERT INTO Category VALUES ('CATEGORY_007','SCIENCE');
INSERT INTO Category VALUES ('CATEGORY_008','HISTORY');
INSERT INTO Category VALUES ('CATEGORY_009','MUSIC');
INSERT INTO Category VALUES ('CATEGORY_010','GAMING');
```

CATEGORY_ID	CATEGORY_TYPE
CATEGORY_001	ART
CATEGORY_002	AUTOMOBILE
CATEGORY_003	LITERATURE
CATEGORY_004	CAREERS
CATEGORY_005	CITIES
CATEGORY_006	COLLEGES
CATEGORY_007	SCIENCE
CATEGORY_008	HISTORY
CATEGORY_009	MUSIC
CATEGORY_010	GAMING

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10 rows selected.

Admin

insert into Admin_details

values('ADMIN_001','Warner@1','BHARATH','REDDY','CATEGORY_001');

insert into Admin_details

values('ADMIN_002','Qwerty@2','GAYATHRI','SIGH','CATEGORY_002');

insert into Admin_details

values('ADMIN_003','Asdfgh@3','PRANEETH','NAIDU','CATEGORY_005');

insert into Admin_details

values('ADMIN_004','Zxcvb@4','THANMAI','SREE','CATEGORY_004');

insert into Admin_details

values('ADMIN_005','Kohli@18','RINA','CHOWDARY','CATEGORY_006');

insert into Admin_details

values('ADMIN_006','Dhoni@7','RINKU','SINGH','CATEGORY_006');

insert into Admin_details

values('ADMIN_007','Klrahul@1','MONALI','AGARWAL','CATEGORY_008');

insert into Admin_details

values('ADMIN_008','Amrita@14','PINKY','SHETTY','CATEGORY_010');

insert into Admin_details

values('ADMIN_009','Sri@5','SRI','HARSHA','CATEGORY_001');

insert into Admin_details

values('ADMIN_010','Secret@6','HIMA','REDDY','CATEGORY_007');

ADMIN_ID	ADMIN_PASSWORD	F_NAME	L_NAME	CATEGORY_ID
ADMIN_001	Warner@1	BHARATH	REDDY	CATEGORY_001
ADMIN_002	Qwerty@2	GAYATHRI	SIGH	CATEGORY_002
ADMIN_003	Asdfgh@3	PRANEETH	NAIDU	CATEGORY_005
ADMIN_004	Zxcvb@4	THANMAI	SREE	CATEGORY_004
ADMIN_005	Kohli@18	RINA	CHOWDARY	CATEGORY_006
ADMIN_006	Dhoni@7	RINKU	SINGH	CATEGORY_006
ADMIN_007	Klrahul@1	MONALI	AGARWAL	CATEGORY_008
ADMIN_008	Amrita@14	PINKY	SHETTY	CATEGORY_010
ADMIN_009	Sri@5	SRI	HARSHA	CATEGORY_001
ADMIN_010	Secret@6	HIMA	REDDY	CATEGORY_007

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10 rows selected.

Search_History

```
INSERT INTO Search_History VALUES('TRACK_001','10:20:30', 'pubg', '3-DEC-21',  
'CATEGORY_010');
```

```
INSERT INTO Search_History VALUES('TRACK_002','08:18:27', 'south africa','3-NOV-  
21', 'CATEGORY_007');
```

```
INSERT INTO Search_History VALUES('TRACK_001','05:20:07', 'Rajasthan', '3-OCT-21',  
'CATEGORY_008');
```

```
INSERT INTO Search_History VALUES('TRACK_006','06:15:30', 'Remote Vs Onsite', '3-  
OCT-21', 'CATEGORY_002');
```

```
INSERT INTO Search_History VALUES('TRACK_002','06:15:30', 'Song', '14-FEB-21',  
'CATEGORY_009');
```

```
INSERT INTO Search_History VALUES('TRACK_005','15:02:30', 'nature', '14-DEC-21',  
'CATEGORY_003');
```

```
INSERT INTO Search_History VALUES('TRACK_007','10:28:30', 'places', '3-SEP-21',  
'CATEGORY_008');
```

```
INSERT INTO Search_History VALUES('TRACK_007','16:54:30', 'Who Am I', '3-MAR-  
21', 'CATEGORY_003');
```

```
INSERT INTO Search_History VALUES('TRACK_029','11:59:30', 'Covid Status', '3-JAN-  
21', 'CATEGORY_007');
```

```
INSERT INTO Search_History VALUES('TRACK_002','11:20:30', 'nirf ranking', '3-DEC-  
21', 'CATEGORY_006');
```

TRACK_ID	SEARCH_TIME	USER_SEARCH_KEYWORD	SEARCH_DATE	CATEGORY_ID
TRACK_001	10:20:30	pubg	03-DEC-21	CATEGORY_010
TRACK_002	08:18:27	south africa	03-NOV-21	CATEGORY_007
TRACK_001	05:20:07	Rajasthan	03-OCT-21	CATEGORY_008
TRACK_006	06:15:30	Remote Vs Onsite	03-OCT-21	CATEGORY_002
TRACK_002	06:15:30	Song	14-FEB-21	CATEGORY_009
TRACK_005	15:02:30	nature	14-DEC-21	CATEGORY_003
TRACK_007	10:28:30	places	03-SEP-21	CATEGORY_008
TRACK_007	16:54:30	Who Am I	03-MAR-21	CATEGORY_003
TRACK_029	11:59:30	Covid Status	03-JAN-21	CATEGORY_007
TRACK_002	11:20:30	nirf ranking	03-DEC-21	CATEGORY_006

[Download CSV](#)
10 rows selected.

Article_comment_desc

```
insert into Article_comment_desc values('ARTICLE_001','That is really nice.');
```

```
insert into Article_comment_desc values('ARTICLE_002','That is very perceptive.');
```

```
insert into Article_comment_desc values('ARTICLE_003','That is an interesting point of view');
```

```
insert into Article_comment_desc values('ARTICLE_004','Terrific');
```

```
insert into Article_comment_desc values('ARTICLE_005','Clear, concise, and complete!');
```

```
insert into Article_comment_desc values('ARTICLE_006','Spectacular');
```

```
insert into Article_comment_desc values('ARTICLE_007','A well-developed theme!');
```

```
insert into Article_comment_desc values('ARTICLE_008','Dazzling');
```

```
insert into Article_comment_desc values('ARTICLE_009','Go to the head of the class.');
```

```
insert into Article_comment_desc values('ARTICLE_010','Stupendous');
```

ARTICLE_ID	COMMENT_DESC
ARTICLE_001	That is really nice.
ARTICLE_002	That is very perceptive.
ARTICLE_003	That is an interesting point of view
ARTICLE_004	Terrific
ARTICLE_005	Clear, concise, and complete!
ARTICLE_006	Spectacular
ARTICLE_007	A well-developed theme!
ARTICLE_008	Dazzling
ARTICLE_009	Go to the head of the class.
ARTICLE_010	Stupendous

[Download CSV](#)

10 rows selected.

Article_comment

```
insert into Article_comment  
values('ARTICLE_001','GOWTHAMI','REDDY','USER_001','GENERAL_002');
```

```
insert into Article_comment  
values('ARTICLE_002','HARSHA','REDDY','USER_001','GENERAL_003');
```

```
insert into Article_comment  
values('ARTICLE_003','REETHIKA','ANJALI','USER_002','GENERAL_004');
```

```
insert into Article_comment  
values('ARTICLE_004','TARUN','VAMSI','USER_004','GENERAL_001');
```

```
insert into Article_comment  
values('ARTICLE_005','VIRAT','KOHLI','USER_007','GENERAL_005');
```

```
insert into Article_comment  
values('ARTICLE_006','MS','DHONI','USER_008','GENERAL_007');
```

```
insert into Article_comment  
values('ARTICLE_007','SAM','KARAN','USER_010','GENERAL_006');
```

```
insert into Article_comment  
values('ARTICLE_008','TOM','KARAN','USER_001','GENERAL_001');
```

```
insert into Article_comment  
values('ARTICLE_009','DEEPAK','CHAR','USER_006','GENERAL_008');
```

```
insert into Article_comment  
values('ARTICLE_010','DAVID','WARNER','USER_005','GENERAL_006');
```

ARTICLE_ID	F_NAME	L_NAME	USER_ID	GENERAL_USER_ID
ARTICLE_001	GOWTHAMI	REDDY	USER_001	GENERAL_002
ARTICLE_002	HARSHA	REDDY	USER_001	GENERAL_003
ARTICLE_003	REETHIKA	ANJALI	USER_002	GENERAL_004
ARTICLE_004	TARUN	VAMSI	USER_004	GENERAL_001
ARTICLE_005	VIRAT	KOHLI	USER_007	GENERAL_005
ARTICLE_006	MS	DHONI	USER_008	GENERAL_007
ARTICLE_007	SAM	KARAN	USER_010	GENERAL_006
ARTICLE_008	TOM	KARAN	USER_001	GENERAL_001
ARTICLE_009	DEEPAK	CHAR	USER_006	GENERAL_008
ARTICLE_010	DAVID	WARNER	USER_005	GENERAL_006

[Download CSV](#)

10 rows selected.

Reg_user_id_Ph

```
INSERT INTO Reg_user_id_Ph VALUES ('USER_001',9347546498);
INSERT INTO Reg_user_id_Ph VALUES ('USER_002',9492575888);
INSERT INTO Reg_user_id_Ph VALUES ('USER_001',9447546498);
INSERT INTO Reg_user_id_Ph VALUES ('USER_002',9492775888);
INSERT INTO Reg_user_id_Ph VALUES ('USER_003',9392752624);
INSERT INTO Reg_user_id_Ph VALUES ('USER_004',8919188499);
INSERT INTO Reg_user_id_Ph VALUES ('USER_005',7330887896);
INSERT INTO Reg_user_id_Ph VALUES ('USER_006',6106159030);
INSERT INTO Reg_user_id_Ph VALUES ('USER_007',6518312574);
INSERT INTO Reg_user_id_Ph VALUES ('USER_008',6127914347);
INSERT INTO Reg_user_id_Ph VALUES ('USER_009',8079021630);
INSERT INTO Reg_user_id_Ph VALUES ('USER_010',6127927910);
```

USER_ID	PH
USER_001	9347546498
USER_001	9447546498
USER_002	9492575888
USER_002	9492775888
USER_003	9392752624
USER_004	8919188499
USER_005	7330887896
USER_006	6106159030
USER_007	6518312574
USER_008	6127914347
USER_009	8079021630
USER_010	6127927910

[Download CSV](#)

12 rows selected.

General_user_id_Ph

```
INSERT INTO General_user_id_Ph VALUES ('GENERAL_001',9876789687);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_001',8745367899);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_002',7876789234);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_003',9876789912);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_004',8542888106);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_004',8542999172);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_005',9876781234);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_006',9800009687);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_006',9888889687);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_007',9871111287);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_007',9893764857);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_008',9876708790);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_009',9876865748);
INSERT INTO General_user_id_Ph VALUES ('GENERAL_010',9876722234);
```

GENERAL_USER_ID	PH
GENERAL_001	8745367899
GENERAL_001	9876789687
GENERAL_002	7876789234
GENERAL_003	9876789912
GENERAL_004	8542888106
GENERAL_004	8542999172
GENERAL_005	9876781234
GENERAL_006	9800009687
GENERAL_006	9888889687
GENERAL_007	9871111287
GENERAL_007	9893764857
GENERAL_008	9876708790
GENERAL_009	9876865748
GENERAL_010	9876722234

[Download CSV](#)
14 rows selected.

Admin_id_Ph

```
INSERT INTO Admin_id_Ph VALUES ('ADMIN_001',8022202345);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_002',2220534513);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_003',8545833359);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_004',1126969119);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_005',2025532953);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_006',1122376595);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_007',4425324759);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_008',3323582345);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_009',1123647433);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_010',2238024699);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_008',3923582345);
INSERT INTO Admin_id_Ph VALUES ('ADMIN_009',1123648433);
```

ADMIN_ID	PH
ADMIN_001	8022202345
ADMIN_002	2220534513
ADMIN_003	8545833359
ADMIN_004	1126969119
ADMIN_005	2025532953
ADMIN_006	1122376595
ADMIN_007	4425324759
ADMIN_008	3323582345
ADMIN_008	3923582345
ADMIN_009	1123647433
ADMIN_009	1123648433
ADMIN_010	2238024699

[Download CSV](#)

12 rows selected.

9. USER INTERFACE(UID)

a) Introduction to Tool(s):

Front end tools:

- HTML5: a markup language used to build the basic structure of the UI. From the input tag to submission of the forms.
- CSS3 and Bootstrap: a style sheet language used to make the UI design more approachable and aesthetically pleasing.
- Java script: It allows you to make web pages interactive

Backend tools:

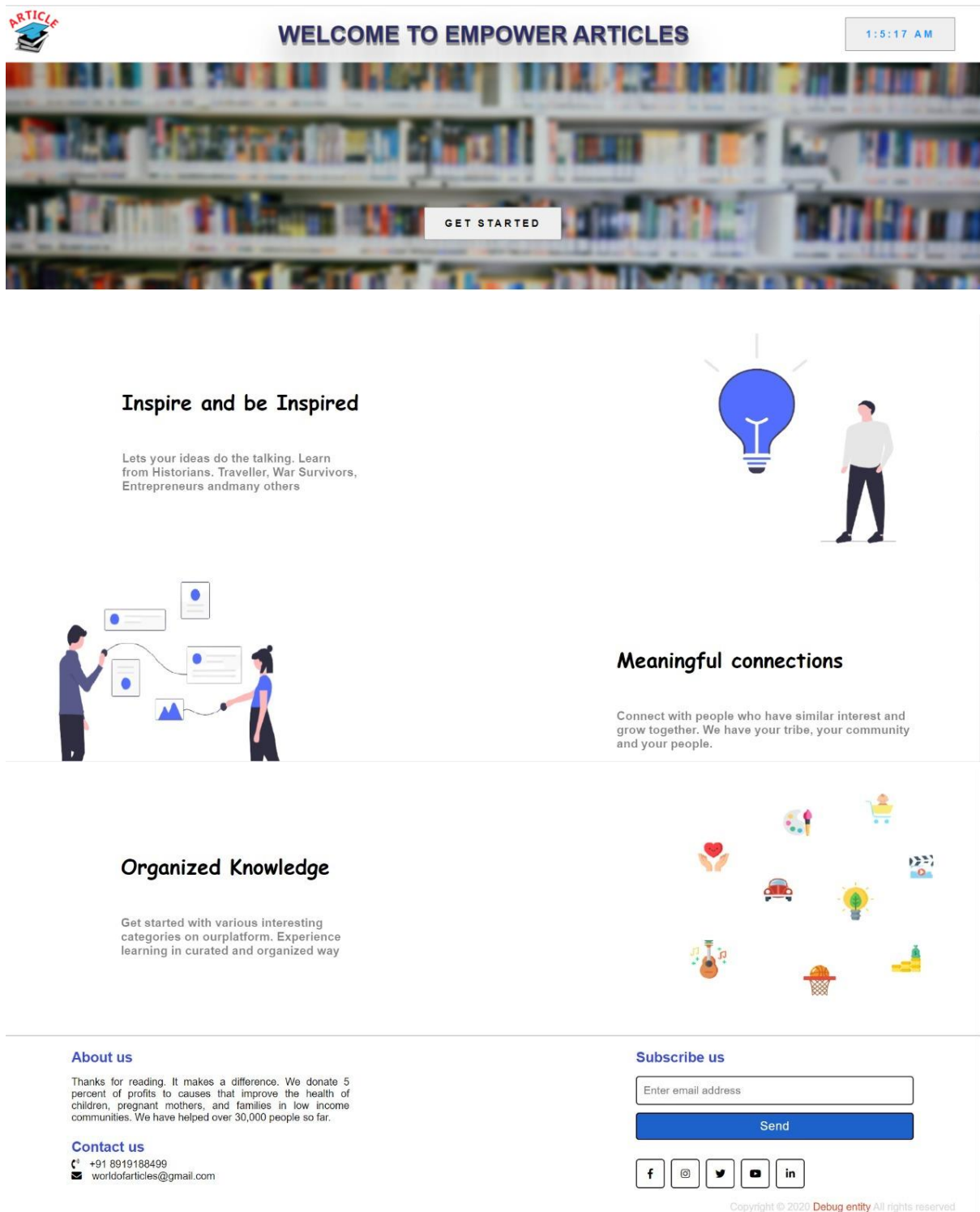
- PHP: when the inputs from the forms in html5 are submitted this server scripting language handles all the data and stores them in variables till it is rerouted to store in a database.

Database:

- SQL: using the MySQL workbench, the data stored in the variables are stored in this database using a connection established by php.

b) Screenshot of Web Pages

HOME PAGE



TEXT EDITOR

Ayesha

Dashboard

Posts

Categories

Comments

Create New Post

Post title

Post Category ID

service

Post Status

draft

Post Image










Choose File

No file chosen

Enter Keywords

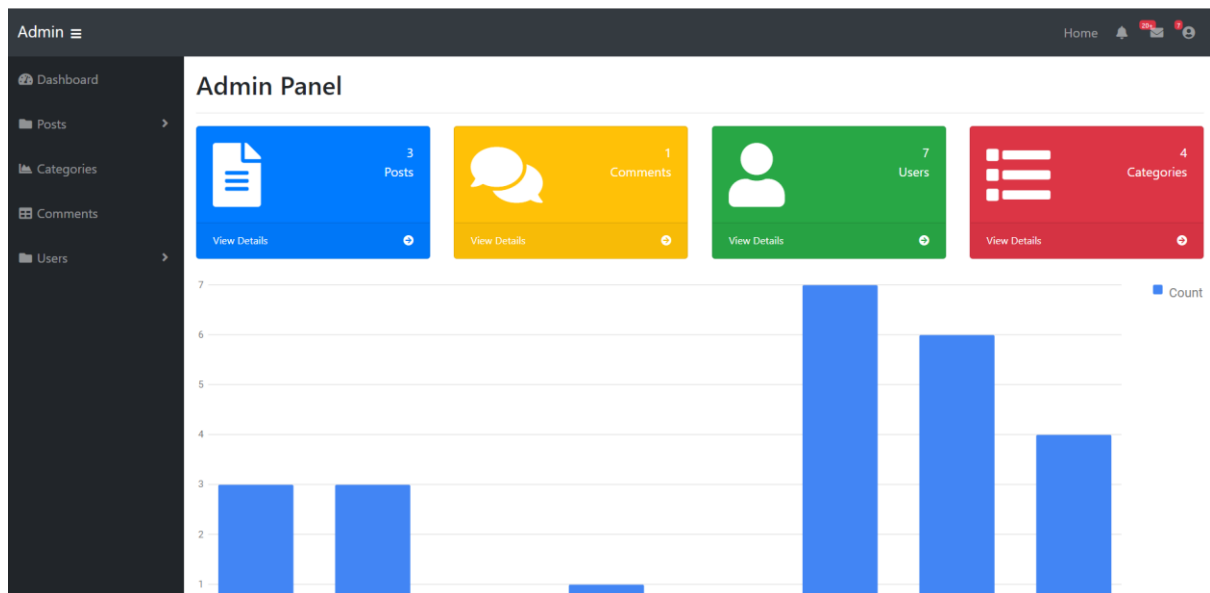
Post Content

Paragraph

B *I*         

Publish Post


ADMIN DASHBOARD



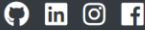
SIGN UP

WRITE IN

Home dashboard Registration Contact



Register




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LOGIN

WRITE IN

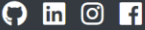
Home dashboard Login Registration Contact



Login

Login

[Forgot Password?](#)



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FORGET PASSWORD

WRITE IN

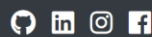
[Home](#) [dashboard](#) [Login](#) [Registration](#) [Contact](#)



Forgot Password?

You can reset your password here.

Reset Password



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SUBSCRIPTION



BRONZE

- CUSTOM TEMPLATS
- 2 MONTHS

₹199

GET STARTED



SILVER

- CUSTOM TEMPLATS
- EXPERIES AFTER 5 MONTHS

₹499

GET STARTED



DIAMOND

- 1000+ CUSTOM TEMPLATS
- 18 MONTHS

₹1999

GET STARTED

CATEGORY


WRITE IN

Home dashboard Login Registration Contact

Coronavirus disease (COVID-19)

by Gowthami reddy

🕒 2022-01-14



Coronavirus disease (COVID-19) is an infectious disease caused by the SARS-CoV-2 virus.

Search

Categories


#service

#Food

#virus

#Gaming


SCHEMS

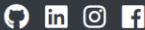


CONTACT

WRITE IN

Home dashboard Login Registration Contact





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CONNECTIVITY CODE:

Main page connectivity:

```
<?php include "includes/header.php"; ?>

<!-- Navigation -->
<?php include "includes/navigation.php"; ?>

<!-- Page Content -->
<div class="container">
    <div class="row">
        <!-- Blog Entries Column -->
        <div class="col-md-8">

            <?php
                $per_page =3;

                if(isset($_GET['page'])){
                    $page = $_GET['page'];
                }else{
                    $page = "";
                }

                if($page == 1 || $page == ""){
                    $page_1 = 0;
                }else{
                    $page_1 = ($page * $per_page) -$per_page;
                }

                $post_query_count = "SELECT * FROM posts";
                $find_count = mysqli_query($connection,$post_query_count);
                $count = mysqli_num_rows($find_count);
                $count = ceil($count/$per_page);

                $query = "SELECT * FROM posts LIMIT $page_1 , $per_page";
                $select_all_posts_query = mysqli_query($connection,$query);
                while($row = mysqli_fetch_assoc($select_all_posts_query)){
                    $post_id = $row['post_id'];
                    $post_title = $row['post_title'];
                    $post_user = $row['post_user'];
                    $post_date = $row['post_date'];
                    $post_image = $row['post_image'];
                    $post_content = $row['post_content'];
                }
            ?>

            <!--first Blog Post -->
            <h2>
```

```

        <a href="post.php?p_id='<?php echo $post_id; ?>'"><?php echo
$post_title; ?></a>
    </h2>
    <p class="lead">
        <?php
        $query = "SELECT * FROM users WHERE username = '$post_user' ";
        $select_user_query = mysqli_query($connection,$query);
        while($row = mysqli_fetch_assoc($select_user_query)){
            $user_firstname = $row['user_firstname'];
            $user_lastname = $row['user_lastname'];
        }
        $name = $user_firstname.' '.$user_lastname;
        ?>
        by <a href="post.php?p_id='<?php echo $post_id; ?>'"><?php echo
$name; ?></a>
    </p>
    <p> <i class="far fa-clock"></i> <?php echo $post_date; ?></p>
    <hr>
    <a href="post.php?p_id='<?php echo $post_id; ?>'">
    
    </a>
    <hr>
    <p><?php echo $post_content; ?></p>
    <a href="post.php?p_id='<?php echo $post_id; ?>'" class="btn btn-
primary">Read More &rarr;</a>
    <hr>

    <?php } ?>

</div>

<!-- Sidebar Widgets Column -->
<?php include "includes/sidebar.php"; ?>

</div>
<!-- /.row -->

</div>
<!-- /.container -->

<nav aria-label="Page navigation example">
    <ul class="pagination justify-content-center">
        <?php
        if(isset($_GET['page'])){
            $pagination = $_GET['page'];

```

```

        if($pagination!=1){
            $pre = $pagination-1;
            echo "<li class='page-item'><a class='page-link'
href='index.php?page={$pre}'>Previous</a></li>";
        }
    }

    for($i=1;$i<=$count;$i++){
        if($i == $page){
            echo "<li class='page-item active'><a class='page-link'
href='index.php?page={$i}'>{$i}</a></li>";
        }else{
            echo "<li class='page-item'><a class='page-link'
href='index.php?page={$i}'>{$i}</a></li>";
        }
    }

    if(empty($_GET['page'])){
        echo "<li class='page-item'><a class='page-link'
href='index.php?page=2'>Next</a></li>";
    }

    if(isset($_GET['page'])){
        $pagination = $_GET['page'];

        if($pagination!=$count){
            $next = $pagination+1;
            echo "<li class='page-item'><a class='page-link'
href='index.php?page={$next}'>Next</a></li>";
        }
    }

    ?>
</ul>
</nav>

<?php include "includes/footer.php"; ?>

```

DATABASE CONNECTIVITY CODE:

MY SQL SHEET:

```
-- phpMyAdmin SQL Dump
-- version 5.1.1
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Jan 14, 2022 at 07:58 PM
-- Server version: 10.4.22-MariaDB
-- PHP Version: 8.1.1

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `cms`
--

--
-- Table structure for table `categories`
--

CREATE TABLE `categories` (
  `cat_id` int(3) NOT NULL,
  `cat_title` varchar(255) NOT NULL,
  `cat_creator` varchar(20) NOT NULL,
  `cat_user` varchar(2000) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `categories`
--

INSERT INTO `categories` (`cat_id`, `cat_title`, `cat_creator`, `cat_user`)
VALUES
(3, 'service', 'Gowthami', ''),
(56, 'virus', 'Gowthami', 'Gowthami'),
(57, 'Gaming', 'Vamsi', 'Vamsi'),
```

```

(58, 'Food', 'Admin', '');

-- -----

--
-- Table structure for table `comments`
--

CREATE TABLE `comments` (
  `comment_id` int(3) NOT NULL,
  `comment_post_id` int(3) NOT NULL,
  `comment_author` varchar(255) NOT NULL,
  `comment_email` varchar(255) NOT NULL,
  `comment_content` text NOT NULL,
  `comment_status` varchar(255) NOT NULL,
  `comment_date` date NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `comments`
--

INSERT INTO `comments` (`comment_id`, `comment_post_id`, `comment_author`,
`comment_email`, `comment_content`, `comment_status`, `comment_date`) VALUES
(38, 15, 'Vamsi tarun', 'vamsi@gmail.com', 'very informative', 'show', '2022-
01-14');

-- -----

--
-- Table structure for table `posts`
--

CREATE TABLE `posts` (
  `post_id` int(3) NOT NULL,
  `post_category_id` int(3) NOT NULL,
  `post_title` varchar(255) NOT NULL,
  `post_user` varchar(255) NOT NULL,
  `post_date` date NOT NULL,
  `post_image` text NOT NULL,
  `post_content` text NOT NULL,
  `post_tags` varchar(255) NOT NULL,
  `post_comment_count` int(11) NOT NULL,
  `post_status` varchar(255) NOT NULL DEFAULT 'draft',
  `post_views_count` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--

```

```
-- Dumping data for table `posts`
--

INSERT INTO `posts` (`post_id`, `post_category_id`, `post_title`, `post_user`,
`post_date`, `post_image`, `post_content`, `post_tags`, `post_comment_count`,
`post_status`, `post_views_count`) VALUES
(15, 56, 'Coronavirus disease (COVID-19)', 'Gowthami', '2022-01-14',
'coronavirus.jpg', '<p>Coronavirus disease (COVID-19) is an infectious disease
caused by the SARS-CoV-2 virus.</p><p>Most people infected with the virus will
experience mild to moderate respiratory illness and recover without requiring
special treatment. However, some will become seriously ill and require medical
attention. Older people and those with underlying medical conditions like
cardiovascular disease, diabetes, chronic respiratory disease, or cancer are
more likely to develop serious illness. Anyone can get sick with COVID-19 and
become seriously ill or die at any age.&nbsp;</p>', 'covid,virus', 0,
'published', 0),
(16, 57, 'PUBG developer Krafton seeks Garena Free Fire ban, files case
against Apple, Google, YouTube', 'Vamsi', '2022-01-14', 'pubg.jpg',
'<p>Krafton, the developer of popular gaming titles such as PlayerUnknown\'s
Battlegrounds (PUBG) and Battlegrounds Mobile India, has sued the developers
of Garena Free Fire for IP infringement. The Korean firm has also dragged
Apple, Google, and YouTube to court for reportedly not taking action against
its request.&nbsp;</p>', 'pubg', 0, 'published', 0),
(17, 58, 'Why is Jaggery used to prepare traditional winter sweets?', 'Admin',
'2022-01-14', 'food.jpg', '<p>Winters are all about indulgence and comfort,
but have you ever thought what’s that one thing that has mindfully shaped our
cravings for some specific types of sweets in this cold season?</p><p>Most
sweet delicacies we love gorging on in this season have been passed on through
generations, but is it only the taste that makes us crave for them? Why only
around winters you feel the urge of indulging in Gur based delicacies like Gur
wali Kheer or Gur Gajak, Chikis or Gur wali kheer or to sum it up, sweets made
with (Jaggery). Most of these traditional sweets are prepared around winter
festivals and here’s what influenced our sweet palates for ages and what
experts feel about it.</p>', 'Jaggery, jaggery', 0, 'published', 0);

-- -----
--
-- Table structure for table `users`
--

CREATE TABLE `users` (
  `user_id` int(3) NOT NULL,
  `username` varchar(255) NOT NULL,
  `user_password` varchar(255) NOT NULL,
  `user_firstname` varchar(255) NOT NULL,
  `user_lastname` varchar(255) NOT NULL,
  `user_email` varchar(255) NOT NULL,
```



```

`user_image` text NOT NULL,
`user_role` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `users`
--

INSERT INTO `users` (`user_id`, `username`, `user_password`, `user_firstname`,
`user_lastname`, `user_email`, `user_image`, `user_role`) VALUES
(27, 'Harsha', '$2y$12$TmsSR7pmsJESXM12rHtjtebOuKJzMOKFE/PJM0VjSnLojWLJ/uTrK',
'Harsha', 'reddy', 'harsha@gmail.com', '', 'subscriber'),
(28, 'Vamsi', '$2y$12$4jY2SCa8hhvi4s5DD43dFuHX3F.ObMo9cMoYal/cpUTx86b19x0.e',
'Vamsi', 'tarun', 'vamsi@gmail.com', '', 'subscriber'),
(29, 'Gowthami',
'$2y$12$C06sIZIj5E4TWbmmWoQVQ.iIDgIT3kEwhaFndmZySi04yyD/vEbN6', 'Gowthami',
'reddy', 'gowthami@gmail.com', '', 'subscriber'),
(30, 'Reethika',
'$2y$12$kvXRZZj1FSXqjjynYuBqRQuyJ/GfLgSfmlDlrIgG6TZnVEKndu.Kom', 'Reethika',
'sree', 'reethika@gmail.com', '', 'subscriber'),
(31, 'Ayesha ',
'$2y$12$.k05PB4dX3th5Hu4JIogI.d1A7Hha4GDTewrxkfZnRRc.9p4oLW9G', 'Ayesha',
'vamsi', 'ayesha@gmail.com', '', 'subscriber'),
(32, 'Admin', '$2y$12$QmNw68tDImVmB9QvfPY3QezsfHDrouGvJaU4SQyMHcMeFMe.30uUy',
'Admin', 'singh', 'admin@gmail.com', '', 'admin'),
(33, 'Bayapa', '$2y$12$7Do8SF6QmlLC0ZUTb1hAkeFipQT.v7foguIhUc02rMf7K.yf5kH2G',
'Bayapa', 'reddy', 'bayapa@gmail.com', '', 'subscriber');

-- -----
--
-- Table structure for table `users_online`
--

CREATE TABLE `users_online` (
  `id` int(11) NOT NULL,
  `session` varchar(255) NOT NULL,
  `time` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Indexes for dumped tables
--

--
-- Indexes for table `categories`
--
ALTER TABLE `categories`

```

```

    ADD PRIMARY KEY (`cat_id`);

--
-- Indexes for table `comments`
--
ALTER TABLE `comments`
  ADD PRIMARY KEY (`comment_id`);

--
-- Indexes for table `posts`
--
ALTER TABLE `posts`
  ADD PRIMARY KEY (`post_id`,`post_category_id`);

--
-- Indexes for table `users`
--
ALTER TABLE `users`
  ADD PRIMARY KEY (`user_id`);

--
-- Indexes for table `users_online`
--
ALTER TABLE `users_online`
  ADD PRIMARY KEY (`id`);

--
-- AUTO_INCREMENT for dumped tables
--

--
-- AUTO_INCREMENT for table `categories`
--
ALTER TABLE `categories`
  MODIFY `cat_id` int(3) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=59;

--
-- AUTO_INCREMENT for table `comments`
--
ALTER TABLE `comments`
  MODIFY `comment_id` int(3) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=39;

--
-- AUTO_INCREMENT for table `posts`
--
ALTER TABLE `posts`
  MODIFY `post_id` int(3) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=18;

```

```
--
-- AUTO_INCREMENT for table `users`
--
ALTER TABLE `users`
  MODIFY `user_id` int(3) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=34;

--
-- AUTO_INCREMENT for table `users_online`
--
ALTER TABLE `users_online`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=43;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

DATABASE CONNECTIVITY:

```
<?php

$db['db_host'] = "localhost";
$db['db_user'] = "root";
$db['db_pass'] = "";
$db['db_name'] = "cms";

foreach($db as $key => $value){
    define(strtoupper($key),$value);
}

$connection = mysqli_connect(DB_HOST,DB_USER,DB_PASS,DB_NAME);

?>
```

LOGOUT

```
<?php session_start(); ?>

<?php
// $_SESSION['username'] = null;
// $_SESSION['user_firstname'] = null;
// $_SESSION['user_lastname'] = null;
// $_SESSION['user_role'] = null;

session_destroy();

header("location:../index.php");
?>
```

LOGIN CONNECTIVITY:

```
<?php include "db.php"; ?>

<?php session_start(); ?>

<?php
if(isset($_POST['login'])){
$username = $_POST['username'];
$password = $_POST['password'];

$username = mysqli_real_escape_string($connection,$username);
$password = mysqli_real_escape_string($connection,$password);

$query = "SELECT * FROM users WHERE username = '{$_username}' ";
$login_user_query = mysqli_query($connection,$query);

if(!$login_user_query){
    die("QUERY FAILED " . mysqli_error($connection));
}

while($row = mysqli_fetch_assoc($login_user_query)){
    $db_user_id = $row['user_id'];
    $db_username = $row['username'];
    $db_user_firstname = $row['user_firstname'];
    $db_user_lastname = $row['user_lastname'];
    $db_user_password = $row['user_password'];
    $db_user_role = $row['user_role'];
}

if(password_verify($password,$db_user_password)){
    $_SESSION['username'] = $db_username;
    $_SESSION['user_firstname'] = $db_user_firstname;
```

```

$_SESSION['user_lastname'] = $db_user_lastname;
$_SESSION['user_role'] = $db_user_role;

// header("location: ../admin");
header("location: userverify.php");
}
else{
    header("location: ../index.php");
}

}

?>

```

REGISTER CONNECTIVITY:

```

<?php include "includes/header.php"; ?>

<!-- Navigation -->
<?php include "includes/navigation.php"; ?>

<?php
if(isset($_POST['submit'])){
$username = $_POST['username'];
$firstname = $_POST['firstname'];
$lastname = $_POST['lastname'];
$email = $_POST['email'];
$password = $_POST['password'];

    if(!empty($username) && !empty($email) && !empty($password)){
        $username = mysqli_real_escape_string($connection,$username);
        $firstname = mysqli_real_escape_string($connection,$firstname);
        $lastname = mysqli_real_escape_string($connection,$lastname);
        $email = mysqli_real_escape_string($connection,$email);
        $password = mysqli_real_escape_string($connection,$password);

        $password = password_hash($password, PASSWORD_BCRYPT, array('cost' =>
12));

        // $query = "INSERT INTO users
(user_role,username,user_firstname,user_lastname,user_email,user_password) ";
        // $query .= "VALUES(
'subscriber','{$username}','{$firstname}','{$lastname}','{$email}','{$password
}' )";

```

```

        // $register_user_query = mysqli_query($connection,$query);
        // if(!$register_user_query){
        //     die("QUERY FAILED" . mysqli_error($connection) . ' ' .
mysqli_errno($connection));
        // }

        $query = "INSERT INTO users
(user_role,user_name,user_firstname,user_lastname,user_email,user_password) ";
        $query .= "VALUES( 'subscriber',?,?,?,?,?)";
        $stmt = mysqli_prepare($connection,$query);
        mysqli_stmt_bind_param($stmt,"sssss",$username,$firstname,$lastname,$e
mail,$password);
        mysqli_stmt_execute($stmt);
        mysqli_stmt_close($stmt);
        if(!$stmt){
            die("QUERY FAILED" . mysqli_error($connection) . ' ' .
mysqli_errno($connection));
        }

        $message = "Your Registration has been submitted";

    }else{
        $message = "fields cannot be empty";
    }

}else{
    $message = "";
}

?>

```

SEARCH CONNECTIVITY:

```

<?php include "includes/header.php"; ?>

<!-- Navigation -->
<?php include "includes/navigation.php"; ?>

<!-- Page Content -->
<div class="container">
    <div class="row">
        <!-- Blog Entries Column -->
        <div class="col-md-8">

            <?php
            if(isset($_POST['submit'])){

```

```

$search = $_POST['search'];

$query = "SELECT * FROM posts WHERE post_tags LIKE '%$search%'";
$search_query = mysqli_query($connection,$query);

confirm_query($search_query);

$count = mysqli_num_rows($search_query);

if($count == 0){
    echo "<h1 class='text-center'>NO RESULT</h1>";
}
else{
    while($row = mysqli_fetch_assoc($search_query)){
        $post_id = $row['post_id'];
        $post_title = $row['post_title'];
        $post_user = $row['post_user'];
        $post_date = $row['post_date'];
        $post_image = $row['post_image'];
        $post_content = $row['post_content'];
    }
}

?>

<!--first Blog Post -->
<h2>
    <a href="post.php?p_id='<?php echo $post_id; ?>' "><?php echo
$post_title; ?></a>
</h2>
<p class="lead">
    <?php
    $query = "SELECT * FROM users WHERE username = '$post_user' ";
    $select_user_query = mysqli_query($connection,$query);
    while($row = mysqli_fetch_assoc($select_user_query)){
        $user_firstname = $row['user_firstname'];
        $user_lastname = $row['user_lastname'];
    }
    $name = $user_firstname.' '.$user_lastname;
    ?>
    by <a href="post.php?p_id='<?php echo $post_id; ?>' "><?php
echo $name; ?></a>
</p>
<p> <i class="far fa-clock"></i> <?php echo $post_date; ?></p>
<hr>
<a href="post.php?p_id='<?php echo $post_id; ?>' ">

</a>
<hr>

```

```

        <p><?php echo $post_content; ?></p>
        <a href="post.php?p_id='<?php echo $post_id; ?>' " class="btn
btn-primary">Read More &rarr;</a>
        <hr>

        <?php    }
            }
        }
    ?>

</div>

<!-- Sidebar Widgets Column -->
<?php include "includes/sidebar.php"; ?>

</div>
<!-- /.row -->

</div>
<!-- /.container -->

<?php include "includes/footer.php"; ?>

```

THANK YOU
