



Database Management Systems (Cse 2004)

**A PROJECT REPORT
ON
ART MUSEUM**

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1.Acknowledgement

If words are considered as a symbol of approval and token of appreciation then let the words play the heralding role expressing my gratitude. The satisfaction that accompanies that 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 our project guide **Sir Nagaraju M.** for the guidance, inspiration and constructive suggestions that helpful us in the preparation of this project. We also thank our colleagues who have helped in successful completion of the project.

2. BONAFIDE CERTIFICATE

This is to certify that the project “ART MUSEUM” is the bonafide work of “ **PRAKHAR SINGH PARIHAR(17BCE0937), CHINMAY GOYAL(17BCE0560), TAVISH TEVATIA(17BCE2029) , PRANEET TEWARI(17BCE0047) and HITANSH JAIN (17BCE0598)**” in order to complete their J component for the course CSE2005 under my supervision.

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3. Abstract

An art museum or art gallery is a building or space for the exhibition of art, usually visual art. Museums can be public or private, but what distinguishes a museum is the ownership of a collection. Paintings are the most commonly displayed art objects. However, sculptures, decorative arts, furniture, textiles, costumes, drawings, pastels, watercolors, collages, prints, artist's books, photographs, and installation art are also regularly shown. Although primarily concerned with providing a space to show works of visual art, art galleries are sometimes used to host other artistic activities, such as performance arts, music concerts, or poetry readings.

4. Introduction

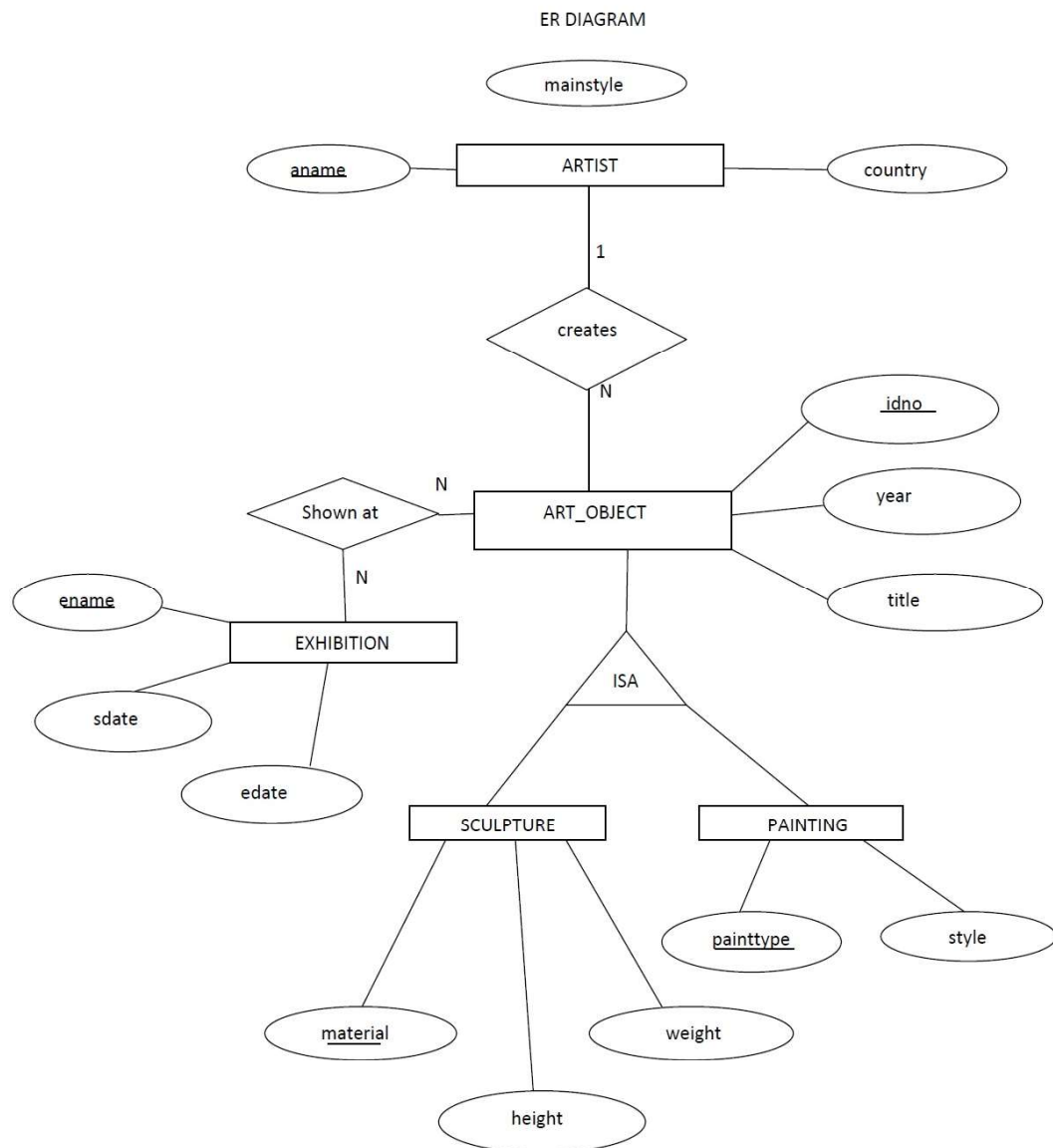
In this project we have tried to implement a site in which any user can create their own account free and can buy the type of an art they want to buy direct from home directly through online and can have a look at the art museum.

In this user is allowed to see any number of arts they want to see and if they want with some specification then that is also implemented in this project.

Such as if they want to search any specific type of art such as sculpture or any painting with more specification then also they can apply filters as much as they want and can buy. This is a common website for all people such as an artist can sell anything here and buyer can buy anything. Artist with total information is also kept in this site to avoid future problems.

In this the details of painting is also mentioned such that who is an artist of that art and from where the person is and if the art is a painting then it is oil painted or water painted, etc.

5. ER DIAGRAM



The given ER diagram clearly shows how the entities are related to each other, such as the name of artist and from which country he belongs to.

The artist creates an art which is shown in an art exhibition along with the id number of art object and in which year it was shown in art museum and what was the title of that art. The art is a sculpture or a painting. If it's a sculpture then from which material it is made, height of the sculpture along with the weight of an art.

If an art is a painting then whether the painting is a water colour painting or an oil painting or a Ink wash painting along with the style of an art.

6.Relational Schema:

Artist:

<u>ANAME</u>	MAINSTYLE	COUNTRY
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Art Object:

<u>IDNO</u>	YEAR	TITLE	<u>ARTIST</u>
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Exhibition:

<u>ENAME</u>	SDATE	EDATE
--------------	-------	-------

Sculpture:

<u>IDNO</u>	MATERIAL	HEIGHT	WEIGHT
-------------	----------	--------	--------

Painting:

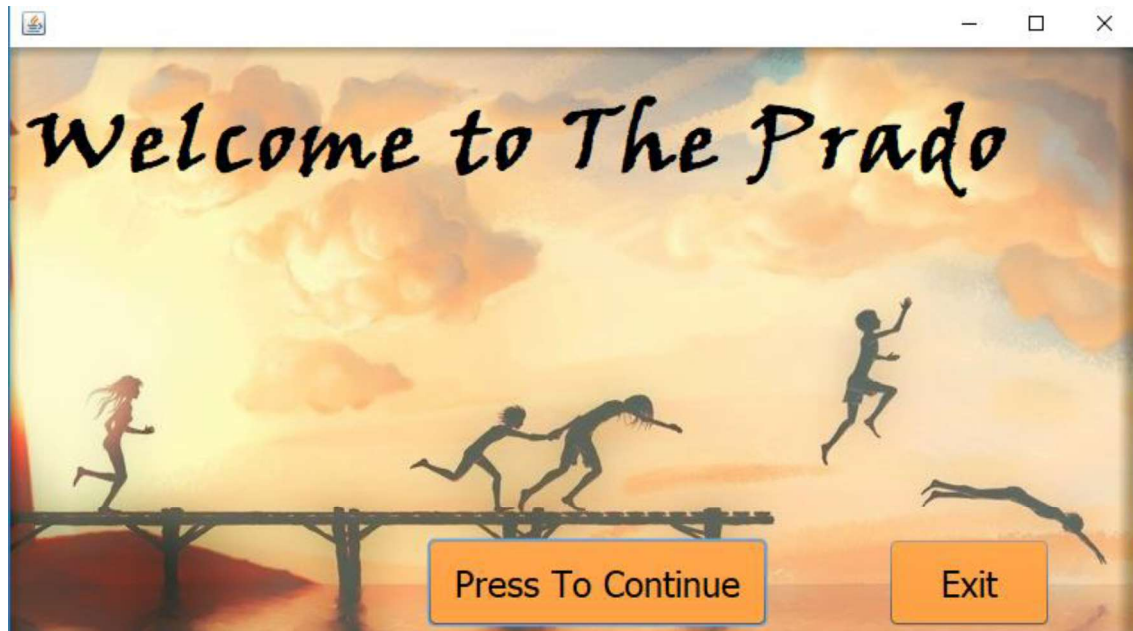
<u>IDNO</u>	PAINTING	STYLE
-------------	----------	-------

Shown At:

<u>IDNO</u>	<u>ENAME</u>
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7. Results and Snapshots

Frontend



Firstly, this page is seen when the project is being opened. There are two options and we can chose any one. If we chose Press to continue It will take us to login page, and by pressing exit button the project will close.



Sign In

USERNAME chinmay@gmail.com

PASSWORD ****

LOGIN SignUp Forgot Password

This is the sign in page where we enter our username and password to enter into the project. There are three options first to login and continue to project, second to signup and create new username and password, third to reset your password.



Select An Option

Back

Art Object Artist

Sculpture Painting

Exhibition

A screenshot of a web browser window displaying a 'Create Your Account' form. The background is a collage of newspaper text. The form fields are as follows:

Field Label	Value
First Name	Tavish
Last Name	Tevatia
Mobile No.	+91 - 5689525987
Username	1.tevatia@gmail.com
Password	*****
Re-Enter Password	*****

There are two orange buttons on the right side: 'Sign Up' (positioned next to the Last Name field) and 'Sign In' (positioned next to the Username field).

You can create your own account if you are coming to the site for the first time.

A screenshot of a web browser window displaying a 'Forgot Password??' form. The background is a collage of newspaper text. The form fields are as follows:

Field Label	Value
Email	chinmay@gmail.com
New Password	***
Re-Enter Your New Password	***

At the bottom of the form, there are two buttons: a grey 'Submit' button on the left and a grey 'Sign In' button on the right.

After logging in there are many options after logging in. After selecting one of them these frames are opened in which you can get information by using filters.

Back To Main Menu

Art Objects

Idno	Year	Title	Artist
1	2015-10-01	abstract	lionel smit

Filters:

☒ Idno
 ☐ Year
 ☐ Title
 ☐ Artist

Enter the Details:

Show Results

Back To Main Menu

Sculptures

Id no	Weight	Material	Height
1	30.00	clay	2.00

Filters:

☒ ID no
 ☐ Material
 ☐ Weight
 ☐ Height

Enter the Details:

Show Results

Painting

Back To Main Menu

Id no	Painting	Main style
2	Mona Lisa	smooth painting

Filters:

☒ ID no
 ☐ Painting
 ☐ Style

Enter the Details:

Show Results

Backend

```
mysql> show tables;
+-----+
| Tables_in_dbms |
+-----+
| art_object      |
| artist          |
| exhibition      |
| painting        |
| sculpture       |
| shown_at        |
| user            |
+-----+
7 rows in set (0.04 sec)
```



```
mysql> desc art_object;
```

Field	Type	Null	Key	Default	Extra
idno	int(6)	NO	PRI	NULL	
year	date	YES		NULL	
title	varchar(50)	YES		NULL	
artist	varchar(30)	YES	MUL	NULL	

```
4 rows in set (0.03 sec)
```

```
mysql> select * from art_object;
```

idno	year	title	artist
1	2015-10-01	abstract	lionel smit
2	2014-11-06	Mona Lisa	Leonardo Da Vinci

```
2 rows in set (0.00 sec)
```

```
mysql> desc artist;
```

Field	Type	Null	Key	Default	Extra
aname	varchar(30)	NO	PRI	NULL	
mainstyle	varchar(20)	YES		NULL	
country	varchar(15)	YES		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> select * from artist;
```

aname	mainstyle	country
Leonardo da vinci	smooth painting	Italy
lionel smit	Fine Art	South Africa

```
2 rows in set (0.00 sec)
```

```
mysql> desc exhibition;
```

Field	Type	Null	Key	Default	Extra
ename	varchar(30)	NO	PRI	NULL	
sdate	date	YES		NULL	
edate	date	YES		NULL	

```
3 rows in set (0.04 sec)
```

```
mysql> select * from exhibition;
```

ename	sdate	edate
juneja	2017-05-03	2017-09-01

```
1 row in set (0.00 sec)
```

```
mysql> desc painting;
```

Field	Type	Null	Key	Default	Extra
idno	int(6)	YES	MUL	NULL	
painting	varchar(30)	YES		NULL	
style	varchar(30)	YES		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> select * from painting;
```

idno	painting	style
2	Mona Lisa	smooth painting

```
1 row in set (0.00 sec)
```

```
mysql> desc sculpture;
```

Field	Type	Null	Key	Default	Extra
idno	int(6)	YES	MUL	NULL	
material	varchar(20)	YES		NULL	
height	decimal(3,2)	YES		NULL	
weight	decimal(5,2)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> select * from sculpture;
```

idno	material	height	weight
1	clay	2.00	30.00

```
1 row in set (0.00 sec)
```

```
mysql> desc user;
```

Field	Type	Null	Key	Default	Extra
firstname	varchar(30)	YES		NULL	
lastname	varchar(20)	YES		NULL	
email	varchar(50)	NO	PRI	NULL	
phonenummer	varchar(10)	NO	PRI	NULL	
password	varchar(20)	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> select * from user;
```

firstname	lastname	email	phonenummer	password
chinmay	goyal	chinmay@gmail.com	1234567890	123
rishab	singh	rishab@gmail.com	1523647890	rishab
Tavish	Tevatia	tavish.tevatia@gmail.com	5689525987	tavish

```
3 rows in set (0.00 sec)
```

8. Conclusion

In this project, we designed and implemented a small art museum database application program with maximum knowledge of ours to successfully run this project.