

ART GALLERY DATABASE

A Project Report

Submitted to

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in partial fulfilment for the award of the degree of

Master of Computer Application



Chandigarh University

Aug 2024 – Nov 2024

ACKNOWLEDGEMENT

With the submission of this project, we would like to express our gratitude towards all the people who provided us with their valuable assistance in the course of completion of the project. It gives us immense pleasure in submitting this project “SCHOOL NOTICE BOARD”. We have developed this project as a minor project for 5th Semester. We are highly grateful to the esteemed University faculty for giving us required knowledge to finish our project and we wish to express our profound gratitude and sincere thanks to MS. SHRUTI SHARMA (The Project Supervisor), our project guide, without whose valuable guidance and constructive criticism this project would have been impossible. We are highly grateful to other faculty members of Department of Computer Science as they are the one who taught us the basics of project making. We are grateful to our family and to all friends who helped us in making this project possible with their positive and enthusiastic attitude towards us.

At last, but not the least we consider ourselves proud to be a part of University Institute of Computing, Chandigarh University.

CHAPTER 1

INTRODUCTION TO PROJECT

The Art Gallery Management System has been designed to override the problem of existing manual system. This web application is supported to eliminate and, in some case, reduce the hardship faced by manual system. The application is reduced as much as possible to avoid errors while entering the data. It's also provided message while entering invalid data. No formal knowledge is required for the user to operate this system. Overall, we said that Art Gallery Management System is user friendly. In Art Gallery Management System we use PHP and MySQL Database. This project keeps the records of user enquiry, art products and art artist. Art Gallery Management System has two modules i.e. admin and user.

The Art Gallery Database project aims to design and develop a comprehensive database system for managing artwork, artist information, exhibitions, and gallery operations. This database will provide a centralized platform for art galleries to efficiently manage their collections, streamline operations, and enhance visitor experiences.

The Art Gallery Database project involves designing and developing a robust database management system to store and manage artwork, artist information, exhibitions, sales, and visitor data. The database will provide features for:

- Artwork cataloguing and search
- Artist profiles and portfolios
- Exhibition scheduling and management
- Sales and inventory tracking
- Visitor tracking and engagement metrics

CHAPTER 2

REQUIREMENTS SPECIFICATION

2.1 SOFTWARE REQUIREMENTS

| | |
|--------------------|--|
| Operating System | : 64bit WINDOWS Operating System, X64-based processor |
| Database | : MYSQL |
| Scripting Language | : HTML5, CSS3, PHP |
| Server | : WAMP |

2.2 HARDWARE REQUIREMENTS

| | |
|--------------|---|
| Processor | : Intel Celeron CPU N3060 @1.60GHz or Above |
| RAM | : 4.00 GB or Above |
| Hard Disk | : 1 TB |
| Compact Disk | : CD-ROM, CD-R, CD-RW |
| Input device | : Keyboard |

CHAPTER 3

OBJECTIVE OF THE PROJECT

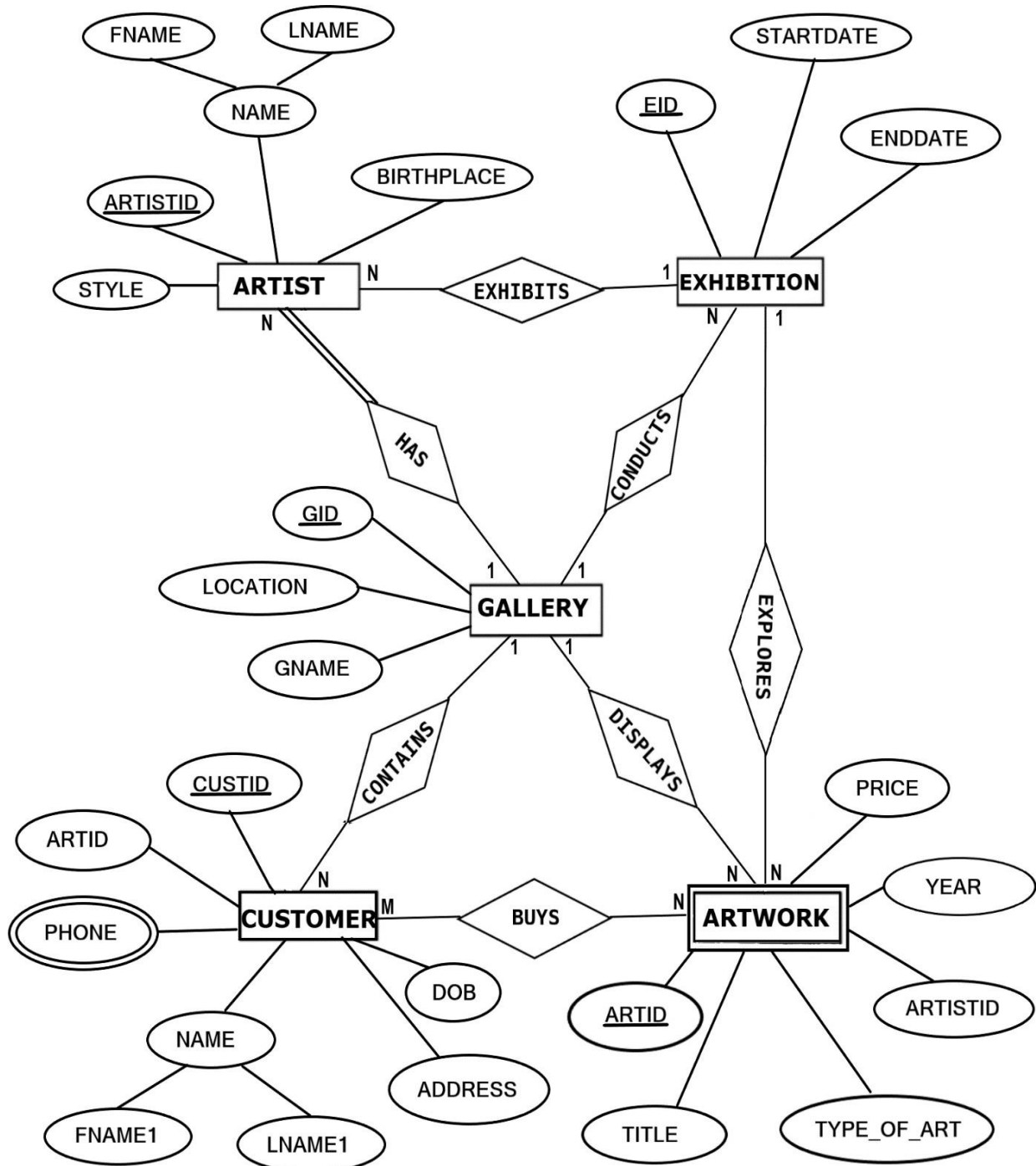
The main objective of creating an Art Gallery database project is

- To manage the details of gallery, exhibition, artwork and artist. It manages all the sales and inventory in the gallery. The purpose of the project is to build an application program to reduce the manual work.
- To track all the details about the sales of the artwork, the customer that bought it, etc. It manages the information about the artwork. Provides information and description of the artworks left, thereby increasing the efficiency of managing the gallery. The organisation can maintain a computerized record of the artwork present in the gallery.
- To help in the utilization of the resources in an effective manner. It maintains a list of all the customers and the various artwork that they have bought and the money that has been invested in each.
- To maintain the record of exhibitions and various sales made during it. The objective of developing such a computerized system is to reduce the paper work and save time in art gallery database management, thereby increasing the efficiency and decreasing the work load.
- To develop such a computerized system is to reduce the paper work and save time in art gallery database management, thereby increasing the efficiency and decreasing the work load.

CHAPTER 4

IMPLEMENTATION

4.1 ER DIAGRAM



4.2 BACKEND DESIGN

```
1  -- phpMyAdmin SQL Dump
2  -- version 4.9.0.1
3  -- https://www.phpmyadmin.net/
4  --
5  -- Host: 127.0.0.1
6  -- Generation Time: Jan 02, 2023 at 08:16 PM
7  -- Server version: 10.3.15-MariaDB
8  -- PHP Version: 7.2.19
9
10 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
11 SET AUTOCOMMIT = 0;
12 START TRANSACTION;
13 SET time_zone = "+00:00";
14
15 /*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
16 /*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
17 /*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
18 /*!40101 SET NAMES utf8mb4 */;
19
20 --
21 -- Database: `agmsdb`
22 -- -----
23 -- Table structure for table `tbladmin`
24 --
25
26 CREATE TABLE `tbladmin` (
27   `ID` int(10) NOT NULL,
28   `AdminName` varchar(45) DEFAULT NULL,
29   `UserName` varchar(50) DEFAULT NULL,
30   `MobileNumber` bigint(10) DEFAULT NULL,
31   `Email` varchar(120) DEFAULT NULL,
32   `Password` varchar(120) DEFAULT NULL,
33   `AdminRegdate` timestamp NULL DEFAULT current_timestamp()
34 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
35
36 --
37 -- Dumping data for table `tbladmin`
38 --
39
40 INSERT INTO `tbladmin` (`ID`, `AdminName`, `UserName`, `MobileNumber`, `Email`,
41   `Password`, `AdminRegdate`) VALUES
42   (1, 'Admin', 'admin', 987654331, 'tester1@gmail.com',
43     'f925916e2754e5e03f75dd58a5733251', '2022-12-29 06:21:53');
```



```

43  -- -----
44
45  --
46  -- Table structure for table `tblartist`
47  --
48
49  CREATE TABLE `tblartist` (
50    `ID` int(10) NOT NULL,
51    `Name` varchar(250) DEFAULT NULL,
52    `MobileNumber` bigint(10) DEFAULT NULL,
53    `Email` varchar(250) DEFAULT NULL,
54    `Education` mediumtext DEFAULT NULL,
55    `Award` mediumtext DEFAULT NULL,
56    `Profilepic` varchar(250) DEFAULT NULL,
57    `CreationDate` timestamp NULL DEFAULT current_timestamp()
58  ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
59
60  --
61  -- Dumping data for table `tblartist`
62  --
63
64  INSERT INTO `tblartist` (`ID`, `Name`, `MobileNumber`, `Email`, `Education`,
65    `Award`, `Profilepic`, `CreationDate`) VALUES
66    (1, 'Mohan Das', 7987987987, 'mohan@gmail.com', 'Completed his fine arts from kg
67    fine arts college.\r\nSpecialized in drawing and ceramic.', 'Winner of Hugo Boss
68    Prize in 2019, MacArthur Fellowship\r\n', 'ecebbecf28c2692aeb021597fbddb174.jpg',
69    '2022-12-21 13:31:25'),
70    (2, 'Dev', 3287987987, 'dev@gmail.com', 'Completed his fine arts from kg fine
71    arts college.\r\nSpecialized in painting and ceramic.', 'Winner of Hugo Boss
72    Prize in 2019, MacArthur Fellowship\r\n', 'ad04ad2d96ae326a9ca9de47d9e2fc74.jpg',
73    '2022-12-21 13:31:25'),
74    (3, 'Kanha', 9687987987, 'kanha@gmail.com', 'Completed his fine arts from kg fine
75    arts college.\r\nSpecialized in painting and ceramic.', 'Winner of Hugo Boss
76    Prize in 2019, MacArthur Fellowship\r\n', 'ad04ad2d96ae326a9ca9de47d9e2fc74.jpg',
77    '2022-12-21 13:31:25'),
78    (4, 'Abir Rajwansh', 5687987987, 'abir@gmail.com', 'Completed his fine arts from
79    klifine arts college.\r\nSpecialized in painting and ceramic.', 'Winner of Hugo
80    Boss Prize in 2019, MacArthur Fellowship\r\n',
81    'ad04ad2d96ae326a9ca9de47d9e2fc74.jpg', '2022-12-21 13:31:25'),
82    (5, 'Krisna Dutt', 9187987987, 'krish@gmail.com', 'Completed his fine arts from
83    kg fine arts college.\r\nSpecialized in painting and ceramic.', 'Winner of Hugo
84    Boss Prize in 2019, MacArthur Fellowship\r\n',
85    'ad04ad2d96ae326a9ca9de47d9e2fc74.jpg', '2022-12-21 13:31:25'),
86    (6, 'Kajol Mannati', 8187987987, 'kajol@gmail.com', 'Completed his fine arts from
87    kg fine arts college.\r\nSpecialized in painting and ceramic.', 'Winner of Hugo
88    Boss Prize in 2019, MacArthur Fellowship\r\n',
89    'ad04ad2d96ae326a9ca9de47d9e2fc74.jpg', '2022-12-21 13:31:25'),
90    (7, 'Meera Singh', 2987987987, 'meera@gmail.com', 'Fine Arts in Painting from
91    College of Art, New Delhi in 2012,\r\nSpecialized in printmaking and ceramic.',

```



```
'award-winning artist, and has received a scholarship from the Ministry of
Culture, Government of India in 2014 as well as the Jean-Claude Reynal
Scholarship (France) in 2019.\r\n', 'ad04ad2d96ae326a9ca9de47d9e2fc74.jpg',
'2022-12-21 13:31:25'),
72 (8, 'Narayan Das', 9987987987, 'narayan@gmail.com', 'Completed his fine arts from
hjai fine arts college.\r\nSpecialized in painting and ceramic.', 'Winner of
Young Artist Award in 2009, MacArthur Fellowship\r\n',
'ad04ad2d96ae326a9ca9de47d9e2fc74.jpg', '2022-12-21 13:31:25');
73
74 -- -----
75 -- Table structure for table `tblartmedium`
76
77 CREATE TABLE `tblartmedium` (
78   `ID` int(5) NOT NULL,
79   `ArtMedium` varchar(250) DEFAULT NULL,
80   `CreationDate` timestamp NULL DEFAULT current_timestamp()
81 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
82
83 --
84 -- Dumping data for table `tblartmedium`
85 --
86
87 INSERT INTO `tblartmedium` (`ID`, `ArtMedium`, `CreationDate`) VALUES
88 (1, 'Wood and Bronze', '2022-12-22 04:57:04'),
89 (2, 'Acrylic on canvas', '2022-12-22 04:57:34'),
90 (3, 'Resin', '2022-12-22 04:58:00'),
91 (4, 'Mixed Media', '2022-12-22 06:09:12'),
92 (5, 'Bronze', '2022-12-22 06:09:35'),
93 (6, 'Fibre', '2022-12-22 06:09:53'),
94 (7, 'Steel', '2022-12-22 06:10:16'),
95 (8, 'Metal', '2022-12-22 06:10:35'),
96 (9, 'Oil on Canvas', '2022-12-22 06:11:31'),
97 (10, 'Oil on Linen', '2022-12-22 06:12:12'),
98 (11, 'Acrylics on paper', '2022-12-22 06:13:11'),
99 (12, 'Hand-painted on particle wood/MDF', '2022-12-22 06:14:03');
100
101 -- -----
102 -- Table structure for table `tblartproduct`
103
104 CREATE TABLE `tblartproduct` (
105   `ID` int(5) NOT NULL,
106   `Title` varchar(250) DEFAULT NULL,
107   `Dimension` varchar(250) DEFAULT NULL,
108   `Orientation` varchar(100) DEFAULT NULL,
109   `Size` varchar(100) DEFAULT NULL,
110   `Artist` int(5) DEFAULT NULL,
111   `ArtType` int(5) DEFAULT NULL,
112   `ArtMedium` int(5) DEFAULT NULL,
113   `SellingPricing` decimal(10,0) DEFAULT NULL,
```

```

114 `Description` mediumtext DEFAULT NULL,
115 `Image` varchar(250) DEFAULT NULL,
116 `Image1` varchar(250) DEFAULT NULL,
117 `Image2` varchar(250) DEFAULT NULL,
118 `Image3` varchar(250) DEFAULT NULL,
119 `Image4` varchar(250) DEFAULT NULL,
120 `RefNum` int(10) DEFAULT NULL,
121 `CreationDate` timestamp NULL DEFAULT current_timestamp()
122 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
123
124 --
125 -- Dumping data for table `tblartproduct`
126 --
127
128 INSERT INTO `tblartproduct` (`ID`, `Title`, `Dimension`, `Orientation`, `Size`,
`Artist`, `ArtType`, `ArtMedium`, `SellingPricing`, `Description`, `Image`,
`Image1`, `Image2`, `Image3`, `Image4`, `RefNum`, `CreationDate`) VALUES
129 (2, 'Radhe Krishna Painting', '56x56', 'Landscape', 'Medium', 1, 4, 9, '200', 'It
is a painting of Radha Krishna.\r\nIt is a painting of Radha Krishna.\r\nIt is a
painting of Radha Krishna.It is a painting of Radha Krishna.\r\nIt is a painting
of Radha Krishna.It is a painting of Radha Krishna.It is a painting of Radha
Krishna.', 'c565ad988a4c6fc0a9f429af43c47cce1671771454.jpg',
'48424793dc9ea732f6118d4ba4326509.jpg', '', '', '', 586429003, '2022-12-23
04:57:34'),
130 (3, 'Shiv Tandav Painting', '100X50 inches', 'Potrait', 'Large', 6, 4, 10, '350',
'It is a painting of shiv tandav.\r\nIt is a painting of shiv tandav.\r\nIt is a
painting of shiv tandav.It is a painting of shiv tandav.It is a painting of shiv
tandav.It is a painting of shiv tandav.It is a painting of shiv tandav.\r\nIt is
a painting of shiv tandav.It is a painting of shiv tandav.',
'cd235e034297cda7b6f935dbd4881a2f1671771582.jpg',
'cd235e034297cda7b6f935dbd4881a2f1671771582.jpg', '', '', '', 686429002, '2022-
12-23 04:59:42'),
131 (4, 'Stutue of Afel Tower', '45 inches tall', 'Landscape', 'Medium', 7, 1, 8,
'500', 'It is a stute of afel tower which is made up of metal,It is a stute of
afel tower which is made up of metal,It is a stute of afel tower which is made up
of metal,It is a stute of afel tower which is made up of metal,It is a stute of
afel tower which is made up of metal,It is a stute of afel tower which is made up
of metal,It is a stute of afel tower which is made up of metal,',
'508652faabdd333b34a0ce4a1dd443411671771753.jpg', '', '', '', '', 686429003,
'2022-12-23 05:02:33'),
132 (5, 'HKjhkj', '100x200', 'Landscape', 'Large', 7, 3, 9, '200', 'gjhgj',
'7d108db512f6a6a929cd0d0ad3b593e81671772410.jpg', '', '', '', '', 586429004,
'2022-12-23 05:13:30');
133
134 -- -----
135 -- Table structure for table `tblarttype`
136 --
137
138 CREATE TABLE `tblarttype` (

```

```

139 `ID` int(5) NOT NULL,
140 `ArtType` varchar(250) DEFAULT NULL,
141 `CreationDate` timestamp NULL DEFAULT current_timestamp()
142 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
143
144 --
145 -- Dumping data for table `tblarttype`
146 --
147
148 INSERT INTO `tblarttype` (`ID`, `ArtType`, `CreationDate`) VALUES
149 (1, 'Sculptures', '2022-12-21 14:21:13'),
150 (2, 'Serigraphs', '2022-12-21 14:24:46'),
151 (3, 'Prints', '2022-12-21 14:25:00'),
152 (4, 'Painting', '2022-12-21 14:25:31'),
153 (5, 'Street Art', '2022-12-21 14:26:06'),
154 (6, 'Visual art ', '2022-12-21 14:26:29'),
155 (7, 'Conceptual art', '2022-12-21 14:26:45');
156
157 -- -----
158 -- Table structure for table `tblenquiry`
159 --
160
161 CREATE TABLE `tblenquiry` (
162 `ID` int(10) NOT NULL,
163 `EnquiryNumber` varchar(10) NOT NULL,
164 `Artpdid` int(9) DEFAULT NULL,
165 `FullName` varchar(120) DEFAULT NULL,
166 `Email` varchar(250) DEFAULT NULL,
167 `MobileNumber` bigint(10) DEFAULT NULL,
168 `Message` varchar(250) DEFAULT NULL,
169 `EnquiryDate` timestamp NULL DEFAULT current_timestamp(),
170 `Status` varchar(10) DEFAULT NULL,
171 `AdminRemark` varchar(200) NOT NULL,
172 `AdminRemarkdate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp()
173 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
174
175 --
176 -- Dumping data for table `tblenquiry`
177 --
178
179 INSERT INTO `tblenquiry` (`ID`, `EnquiryNumber`, `Artpdid`, `FullName`, `Email`,
`MobileNumber`, `Message`, `EnquiryDate`, `Status`, `AdminRemark`,
`AdminRemarkdate`) VALUES
180 (1, '230873611', 4, 'Anuj kumar', 'ak@test.com', 1234567890, 'This is for testing
Purpose.', '2023-01-02 18:16:47', 'Answer', 'test purpose', '2023-01-01
18:30:00'),
181 (2, '227883179', 5, 'Amit Kumar', 'amitk55@test.com', 1234434321, 'I want this
painting', '2023-01-02 18:42:42', 'Answer', 'testing purpose', '2023-01-02
18:43:16');

```

```

182
183 -- -----
184
185 --
186 -- Table structure for table `tblpage`
187 --
188
189 CREATE TABLE `tblpage` (
190   `ID` int(10) NOT NULL,
191   `PageType` varchar(200) DEFAULT NULL,
192   `PageTitle` mediumtext DEFAULT NULL,
193   `PageDescription` mediumtext DEFAULT NULL,
194   `Email` varchar(200) DEFAULT NULL,
195   `MobileNumber` bigint(10) DEFAULT NULL,
196   `UpdationDate` date DEFAULT NULL,
197   `Timing` varchar(200) NOT NULL
198 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
199
200 --
201 -- Dumping data for table `tblpage`
202 --
203
204 INSERT INTO `tblpage` (`ID`, `PageType`, `PageTitle`, `PageDescription`, `Email`,
205   `MobileNumber`, `UpdationDate`, `Timing`) VALUES
206 (1, 'aboutus', 'About Us', '<span style="color: rgb(32, 33, 36); font-family:
  arial, sans-serif; font-size: 16px;">An art gallery is&nbsp;</span><b
  style="color: rgb(32, 33, 36); font-family: arial, sans-serif; font-size:
  16px;">an exhibition space to display and sell artworks</b><span style="color:
  rgb(32, 33, 36); font-family: arial, sans-serif; font-size: 16px;">. As a
  result, the art gallery is a commercial enterprise working with a portfolio of
  artists. The gallery acts as the dealer representing, supporting, and
  distributing the artworks by the artists in question.</span><br>', NULL, NULL,
  NULL, ''),
207 (2, 'contactus', 'Contact Us', '890,Sector 62, Gyan Sarovar, GAIL
  Noida(Delhi/NCR)', 'info@gmail.com', 1234567890, NULL, '10:30 am to 7:30 pm');
208 --
209 -- Indexes for dumped tables
210 --
211
212 --
213 -- Indexes for table `tbladmin`
214 --
215 ALTER TABLE `tbladmin`
216   ADD PRIMARY KEY (`ID`);
217
218 --
219 -- Indexes for table `tblartist`
220 --

```

```
221 ALTER TABLE `tblartist`
222     ADD PRIMARY KEY (`ID`);
223
224 --
225 -- Indexes for table `tblartmedium`
226 --
227 ALTER TABLE `tblartmedium`
228     ADD PRIMARY KEY (`ID`);
229
230 --
231 -- Indexes for table `tblartproduct`
232 --
233 ALTER TABLE `tblartproduct`
234     ADD PRIMARY KEY (`ID`);
235
236 --
237 -- Indexes for table `tblarttype`
238 --
239 ALTER TABLE `tblarttype`
240     ADD PRIMARY KEY (`ID`);
241
242 --
243 -- Indexes for table `tblenquiry`
244 --
245 ALTER TABLE `tblenquiry`
246     ADD PRIMARY KEY (`ID`),
247     ADD KEY `CardId` (`Artpdid`);
248
249 --
250 -- Indexes for table `tblpage`
251 --
252 ALTER TABLE `tblpage`
253     ADD PRIMARY KEY (`ID`);
254
255 --
256 -- AUTO_INCREMENT for dumped tables
257 --
258
259 --
260 -- AUTO_INCREMENT for table `tbladmin`
261 --
262 ALTER TABLE `tbladmin`
263     MODIFY `ID` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=2;
264
265 --
266 -- AUTO_INCREMENT for table `tblartist`
267 --
268 ALTER TABLE `tblartist`
269     MODIFY `ID` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=11;
```

```
270
271 --
272 -- AUTO_INCREMENT for table `tblartmedium`
273 --
274 ALTER TABLE `tblartmedium`
275     MODIFY `ID` int(5) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=14;
276
277 --
278 -- AUTO_INCREMENT for table `tblartproduct`
279 --
280 ALTER TABLE `tblartproduct`
281     MODIFY `ID` int(5) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;
282
283 --
284 -- AUTO_INCREMENT for table `tblarttype`
285 --
286 ALTER TABLE `tblarttype`
287     MODIFY `ID` int(5) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;
288
289 --
290 -- AUTO_INCREMENT for table `tblenquiry`
291 --
292 ALTER TABLE `tblenquiry`
293     MODIFY `ID` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;
294
295 --
296 -- AUTO_INCREMENT for table `tblpage`
297 --
298 ALTER TABLE `tblpage`
299     MODIFY `ID` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;
300 COMMIT;
301
302 /*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
303 /*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
304 /*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
305
```


CHAPTER 5

SNAPSHOTS

This section describes the screens of “Art Gallery Database”. The snapshots are shown below for each module.

- This is the main page that shows all the operations which are present in Art Gallery Database.

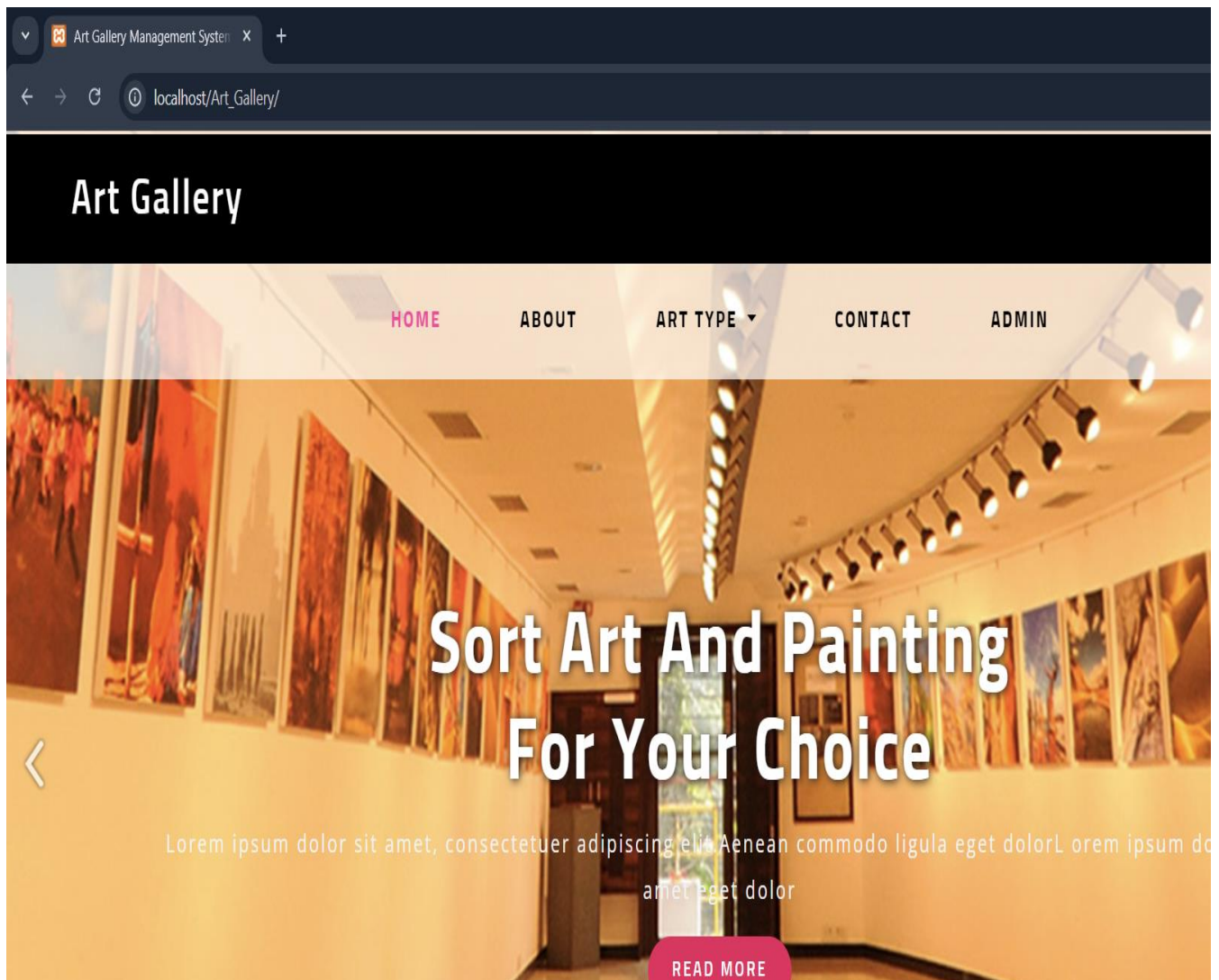


FIGURE 5.1 ART GALLERY DATABASE MAIN PAGE

- The selection page is the next displayed as soon as the table is selected in Main Page. Gallery table contains Insert, Search, Display and Delete tables where values can be inserted, deleted, etc.

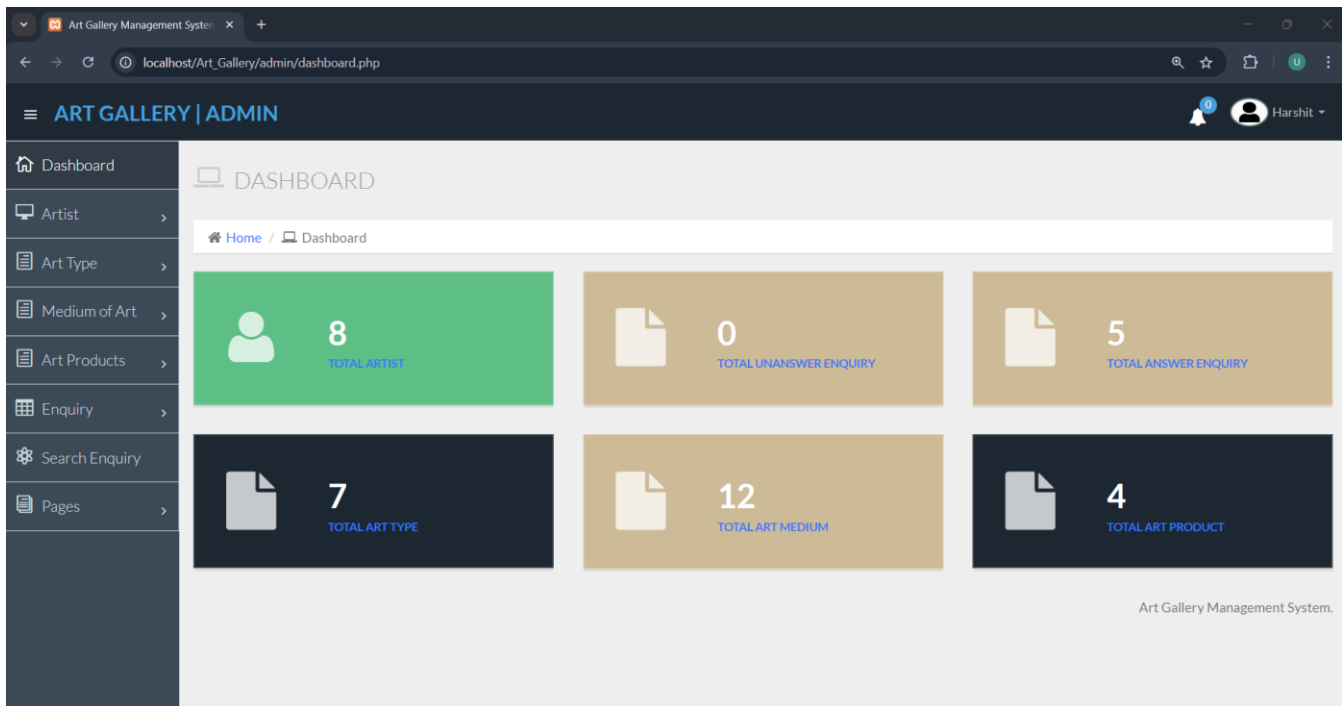


FIGURE 5.2 GALLERY TABLE SELECTION PAGE

- This snapshot shows the Admin Login Page.

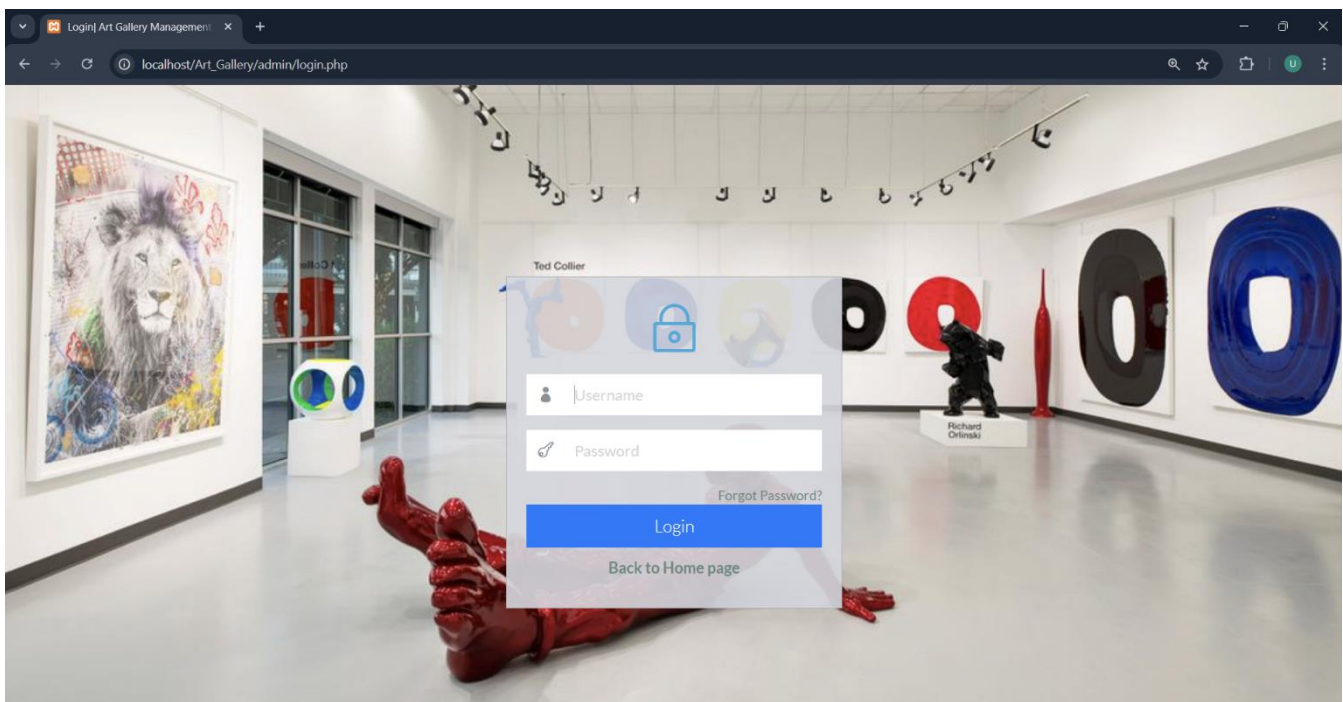


FIGURE 5.3: ADMIN LOGIN PAGE

- This snapshot contains various types of arts.

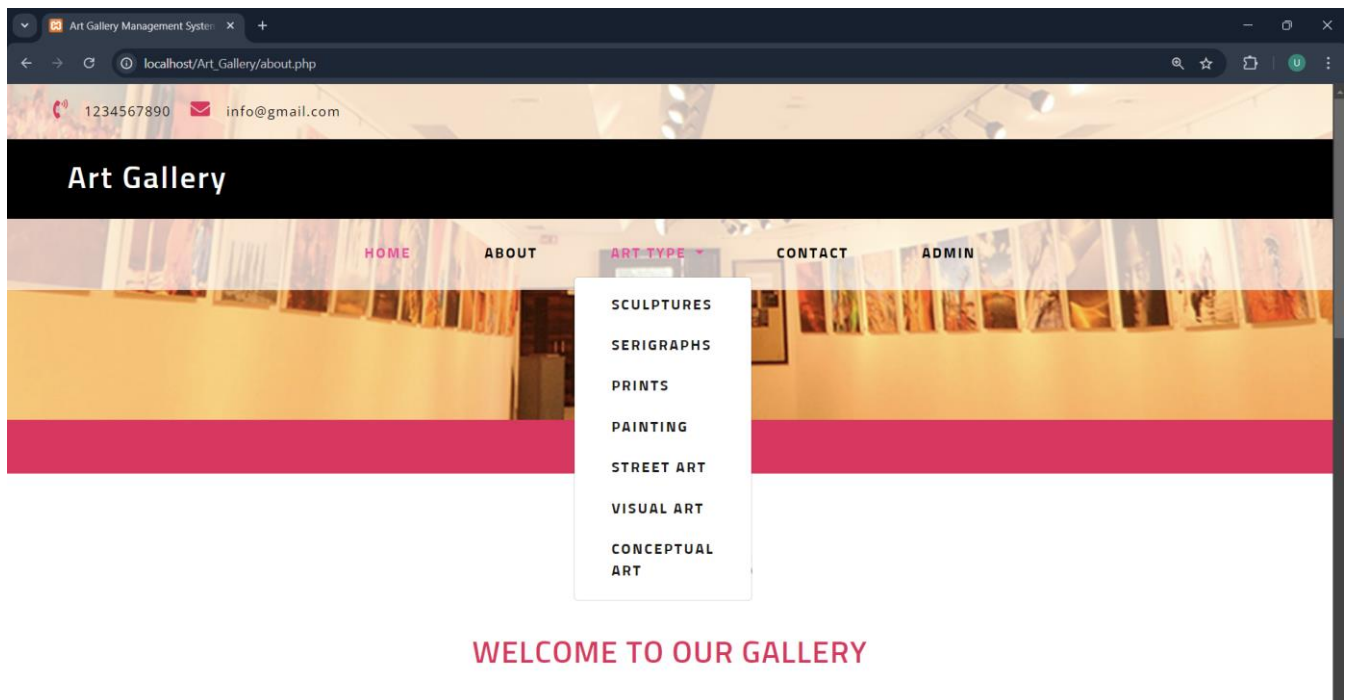


FIGURE 5.4: VARIOUS TYPES OF ARTS

- This snapshot shows the working status of Stored Procedure of Artist table.

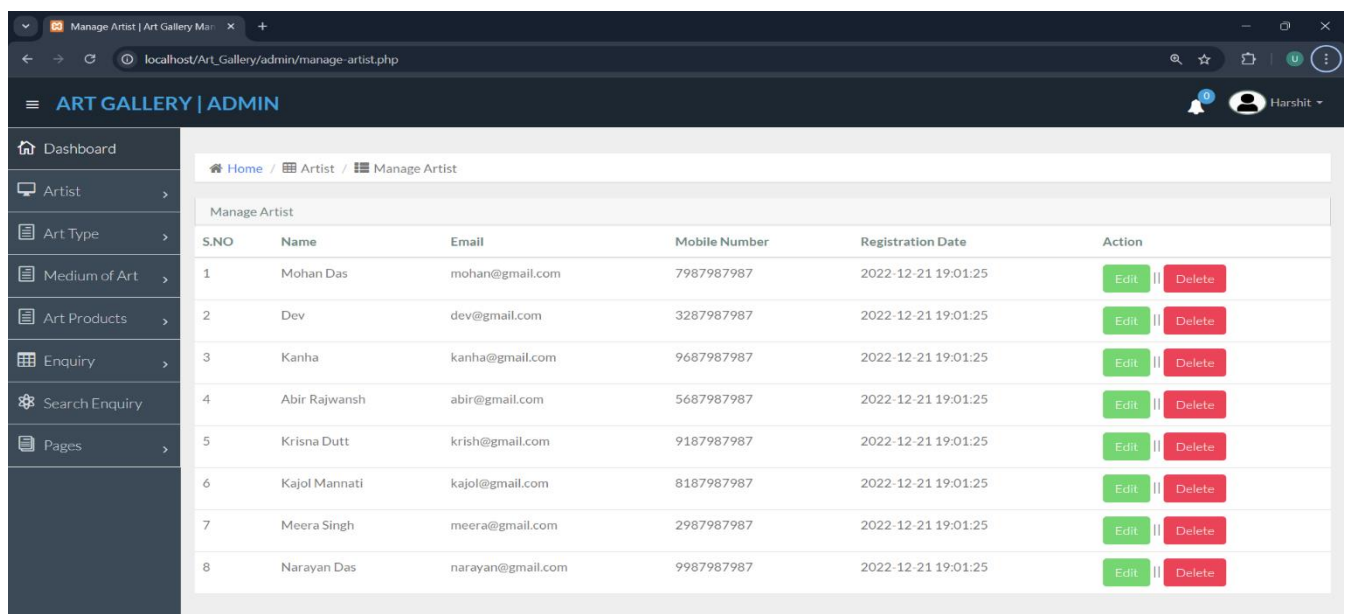


FIGURE 5.5: STORED PROCEDURE PAGE OF ARTIST TABLE

CONCLUSION

A database was created for a market that can use it for keeping track on art gallery. Galleries are divided into many art galleries. Galleries have different names, locations, etc. Each gallery will have different exhibitions and each exhibition will have a start and end date. The galleries will have different artist displaying their artwork. The model can also be adapted to meet other purposes and thus be used for other projects. The database structure is quite simple, which makes it easy for also other programmers to understand it. In conclusion, a database is a far more efficient mechanism to store and organize data than spreadsheets. It allows for a centralized facility that can easily be modified and quickly shared among multiple users. Having a web based front end removes the requirement of users having to understand and use a database directly, and allows users to connect from anywhere with an internet connection and a basic web browser. It also allows the possibility of queries to obtain information for various surveys. Due to the number of users reading and modifying student data in the department, it is an ideal use for such a system.

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 - c. <https://www.tutorialspoint.com>
- V. For MySQL references
 - a. <https://www.youtube.com>
 - b. <https://www.udemy.com>