



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Spring 2021-22

Project Title: **Artistic Lounge**
Section: **L**

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Artistic Lounge

Project Description:

Describe your project in short and its main functionalities. You can create sub-heading under this heading with your own formatting. (No more than 300 words)

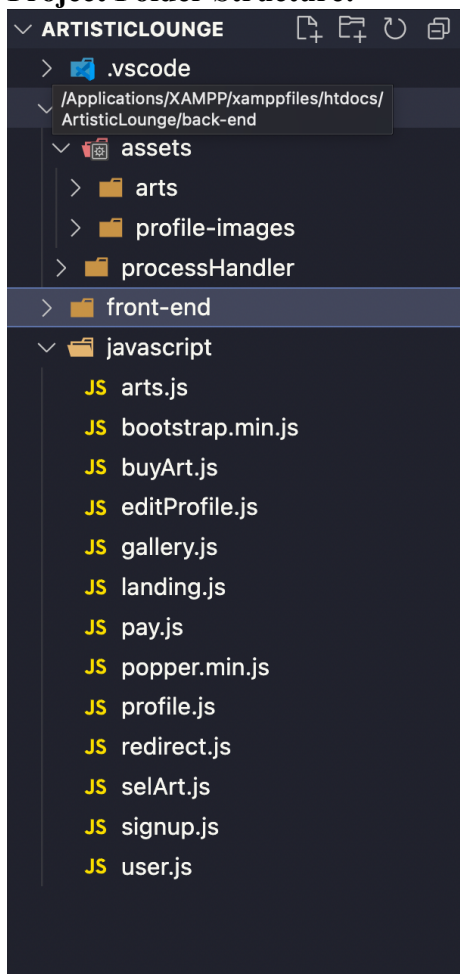
This program illustrates the management system of an Online Art Gallery. Utilizing this system, aesthetes can easily buy a painting from the app. Online Art Gallery management system is an application that allows buyers to purchase paintings. The purchase is just a click away, they don't have to go to some old museums and buy from selected stuff. This application will provide you with a wide range of choices.

Now a day's people are passionate about art and drawing. They have their hobby on art craft. Sometimes people buy art from gallery. But the during the pandemic situation they cannot go out and buy drawing. That's why we are developing a software where people can view and buy drawing. The main purpose of our software is to maintain people hobby and keep them safe from this pandemic. This problem is particularly appropriate. Because, now a day the pandemic is spreading too much. The solution is feasible to meet the business objective.

The main functionalities are:

- *Sell an art*
- *Buy an art*

Project Folder Structure:



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Core Modules of the Project:

SignupProcess.php

```
<?php

header("Content-Type: application/json; charset=UTF-8");

$inputJSON = file_get_contents('php://input'); // used for handle POST data Object
$data = json_decode($inputJSON, true); // used to get post data
$res = ["result" => "true"];

insert_into_database($data["name"], $data["email"], $data["pass"]);

// funtions
function insert_into_database($uName, $uEmail, $uPass){
    $conStr = mysqli_connect('localhost', 'root', '', 'ArtisticLounge');
    $sql = "INSERT INTO USER_TBL(User_Name, User_Email, User_Pass)
        VALUES ('$uName', '$uEmail', '$uPass')";

    // check user already exist
    if(check_exist_user($uEmail, $conStr)){
        $res["result"] = "false";
        http_response_code(200);
        echo json_encode($res);
    }else{
        // create user
        if(mysqli_query($conStr, $sql)){
            session_start();
            // // setting up session data;

            $_SESSION["userEmail"] = $uEmail;

            $res["result"] = "true";
            http_response_code(200);
            echo json_encode($res);

            // header("refresh:2, url=.../front-end/gallery.html");
        }else{
            $res["result"] = "false";
            http_response_code(200);
            echo json_encode($res);
        }
    }
}

}

function check_exist_user($uEmail, $conStr){
    $sql = "SELECT * FROM USER_TBL WHERE User_Email = '$uEmail'";
    $result = mysqli_query($conStr, $sql);
    $data = mysqli_fetch_array($result, MYSQLI_ASSOC);
}
```



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```
if(mysqli_num_rows($result) >= 1) return true;

    return false;
}

?>
```

SellArtProcess.php

```
<?php
// $inputJSON = file_get_contents('php://input'); // used for handle POST data Object
// $data = json_decode($inputJSON, true);

// file name
$filename = uniqid().date("Y-m-d-h-i-s").$_FILES['file']['name'];

$jsonData = $_POST["data"];
$data = json_decode($jsonData, true);

// Location
$location = '../assets/arts/'.$filename;

// file extension
$file_extension = pathinfo($location, PATHINFO_EXTENSION);
$file_extension = strtolower($file_extension);

// Valid image extensions
$valid_ext = array("png","jpg","jpeg");

$response = 0;
if(in_array($file_extension,$valid_ext)){
    // Upload file
    if(move_uploaded_file($_FILES['file']['tmp_name'],$location)){
        $response = $data["name"];

        // database process
        $userEmail = "";
        if(session_status() >= 0){
            session_start();

            if(!isset($_SESSION["userEmail"])){

            }else{
                $userEmail = $_SESSION["userEmail"];
            }
        }else{
            // try to redirect to main page
        }
        $artName = $data["name"];
        $artCategory = $data["cate"];
```



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```
$artPrice = $data["price"];

$conStr = mysqli_connect('localhost','root','','ArtisticLounge');
$insert_into_art = "INSERT INTO ART_TBL (Art_Status, Art_ID, Art_Name, Category,
Price, Art_Picture)
VALUES ('Available',next value for
ART_SQ,'$artName','$artCategory','$artPrice','$filename');"
$insert_into_sell = "INSERT INTO SELL_TBL (Product_Code_S, Art_ID, Seller)
VALUES (next value for PCS_SQ, previous value for
ART_SQ,'$userEmail');"

$sql = $insert_into_art.$insert_into_sell;

if(mysqli_multi_query($conStr,$sql)){
    $response = "Art Posted";
    http_response_code(200);

}else{
    $response = mysqli_error($conStr);
    http_response_code(300);
}
// process done

}else{
    http_response_code(500);
}
}

echo $response;
exit;

//.....
```

buyArtProcess.php

```
<?php
$userEmail = "";
if(session_status() >= 0){
```



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```
session_start();

if(!isset($_SESSION["userEmail"])){

}else{
    $userEmail = $_SESSION["userEmail"];
}

$id = $_POST["id"];

$conStr = mysqli_connect('localhost','root','','ArtisticLounge');
$insert_buy = "INSERT INTO BUY_TBL (Product_Code_B,Art_ID, Buyer)
               VALUES(next value for PCB_SQ, '$id','$userEmail')";
$update_art = "UPDATE ART_TBL SET Art_Status = 'Sold' WHERE Art_ID = '$id'";

$sql = $update_art.$insert_buy;
if(mysqli_multi_query($conStr,$sql)){
    http_response_code(200);
    echo 100;

}else{
    http_response_code(900);
    echo -1;
}

?>
```

