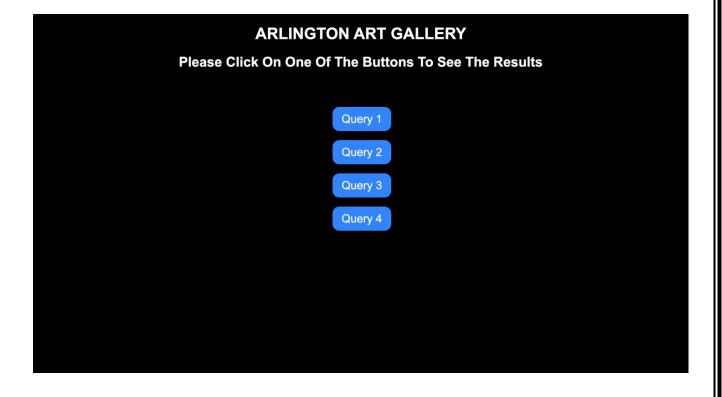
DATABASE SYSTEMS (5330 - 005)

PROJECT PHASE - III

Project Team 10

Team Members - Ravi Prakasha (1002026832), Silpa Vijayan Geetha (1001989441)

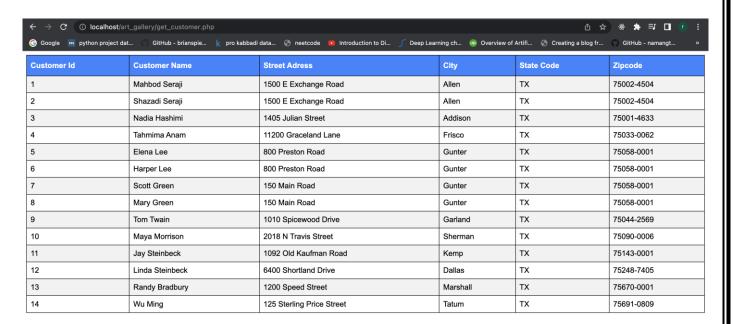
CREATING WEB INTERFACE:



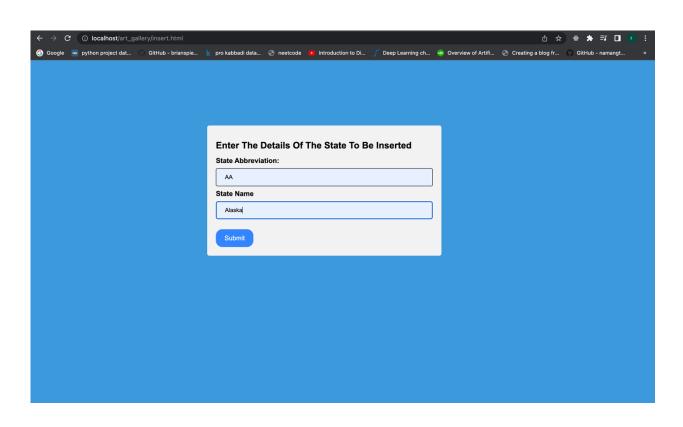
<u>Part – 1</u>

Web Interface Based Questions:

1. Display the customer details based on any one of the following: state name or state Ab (For example Texas or TX)



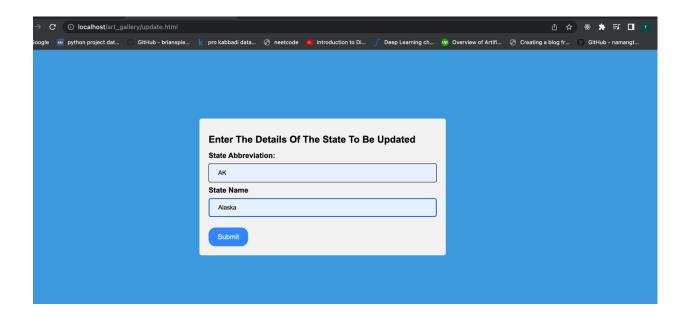
2. Insert a new state 'Alaska', 'AA' in the art gallery database using the web interface you created.

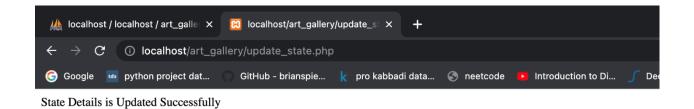




State Details is Inserted Successfully

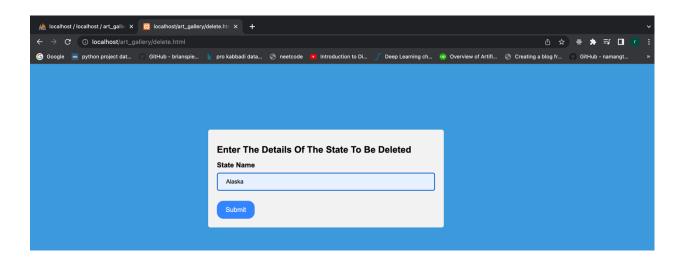
3. Update the state record that you just added to 'Alaska', 'AK' using the web interface you created.





4. Delete the state of Alaska record that you just added using the web interface you created.

```
get_customer.php
                            insert.html
                                             add_state.php
                                                                  delete_state.php ×
art_gallery > ** delete_state.php
      $state_Name = filter_input(INPUT_POST,'stateName');
          $user = 'root';
            $pass = '';
            $db = 'art_gallery';
            $conn = new mysqli('localhost',$user,$pass,$db) or die("not connected");
            if($conn){
                $data = "delete from STATE where stateName = '$state_Name'";
                $result = mysqli_query($conn,$data);
 12
               echo "State Details is Deleted Successfully";
            }
```





State Details is Deleted Successfully

<u>Part – 2</u>

VIEW-BASED QUESTIONS:

1. Create a view ArtworkView that shows name of artist as ArtistName, his date of birth as Bdate, title of the artwork as ArtworkTitle, the form of artwork as Form, the sale date as SaleDate, the price as ArtworkPrice, the customer's name who bought the artwork as CustomerName, final date of the payment as FinalPaymentDate, and the acquisition date of that artwork as AcquisitionDate. Records should be sorted by the name of the artist.

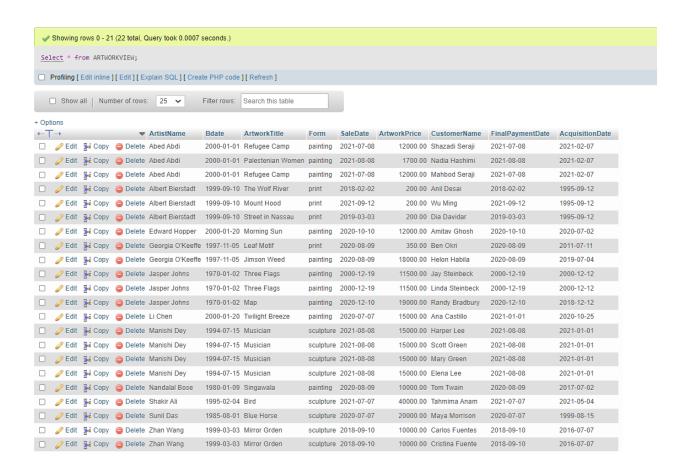
CREATE VIEW ARTWORKVIEW

(ArtistName, Bdate, Artwork Title, Form, Sale Date, Artwork Price, Customer Name, Final Payment Date, Acquisition Date)

AS

Select

a.name,a.birthDate,art.title,art.form,b.saleDate,art.price,c.name,p.final_date,art.acquisi tionDate from artist a, artwork art, bought b, customer c, payments p where a.aid=art.aid and art.artID=b.artID and b.cid=c.cID and art.artID=p.artID order by a.Name;



2. Use the view Artwork View to retrieve a list of unique names of the artists and their customers when both the names start with vowels.

Select DISTINCT(ArtistName), CustomerName from ARTWORKVIEW where ArtistName REGEXP "^[aeiou].*";



3. Use the view ArtworkView to retrieve a list of unique names of the artists whose artwork form is painting.

Select DISTINCT (ArtistName) from ARTWORKVIEW where Form = 'painting';



4. Use the view ArtworkView to retrieve a list of unique names of the artists, artwork title, and the price when the price is greater than \$250.00 and less than \$15,000.00

Select DISTINCT(ArtistName), ArtworkTitle, ArtworkPrice from ARTWORKVIEW where ArtworkPrice > 250.00 and ArtworkPrice < 15000.00;



5. Use the view ArtworkView to list the names of the artists and the total number of their art pieces sold so far at the gallery.

Select ArtistName, count(*) as NumberOfPiecesSold from ARTWORKVIEW group by ArtistName;



6. For all the artwork that were acquired on 9th September 1995 (1995-09-12), retrieve the name of the artist, his/her date of birth, the title of their artwork, sale date, customer name, and final payment date.

Select a.Name as ArtistName, a.BirthDate,art.Title as ArtworkTitle, b.saleDate as SaleDate, c.Name as CustomerName, p.Final_Date as FinalPaymentDate from artist a, artwork art, bought b, customer c, payments p where a.aid=art.aid and art.artID=b.artID and b.cid=c.cID and art.artID=p.artID and art.acquisitionDate = '1995-09-12';



WORK DISTURBUTION:

Part 1 - Ravi Prakasha

Part 2 - Silpa Vijayan Geetha

Project Phase 3 Doumentation – Ravi Prakasha

Project Phase 3 Evaluation - Silpa Vijayan Geetha

HONOR CODE

I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or that I contribute to group collaborations, and I will appropriately reference any work from other sources.

I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

I will not participate in any form of cheating/sharing the questions/solutions.

Ravi Prakasha

1002026832

Silpa Vijayan Geetha

1001989441

Date: 25 April 2022

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of cheating whatey the questions

RAVI PRAKASHA

(Rovi-P)

10020208832 (VIAID)

HONOR CODE

I pleage, on my honor, to what UT Artington's bradition of academic integrity, a tradition that values hard work and honort effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally treate or that I will appropriately reference any work from other sources. I will follow the highest transacted of inlightly and uphold the spirit of Horor code.

I will not participate in any formm of heating I shaving the question's Isolution's

Date: 29/4/2022

SILPAVI

SILPA VIJAVAN GEETHA Sudent Id: 1001989441