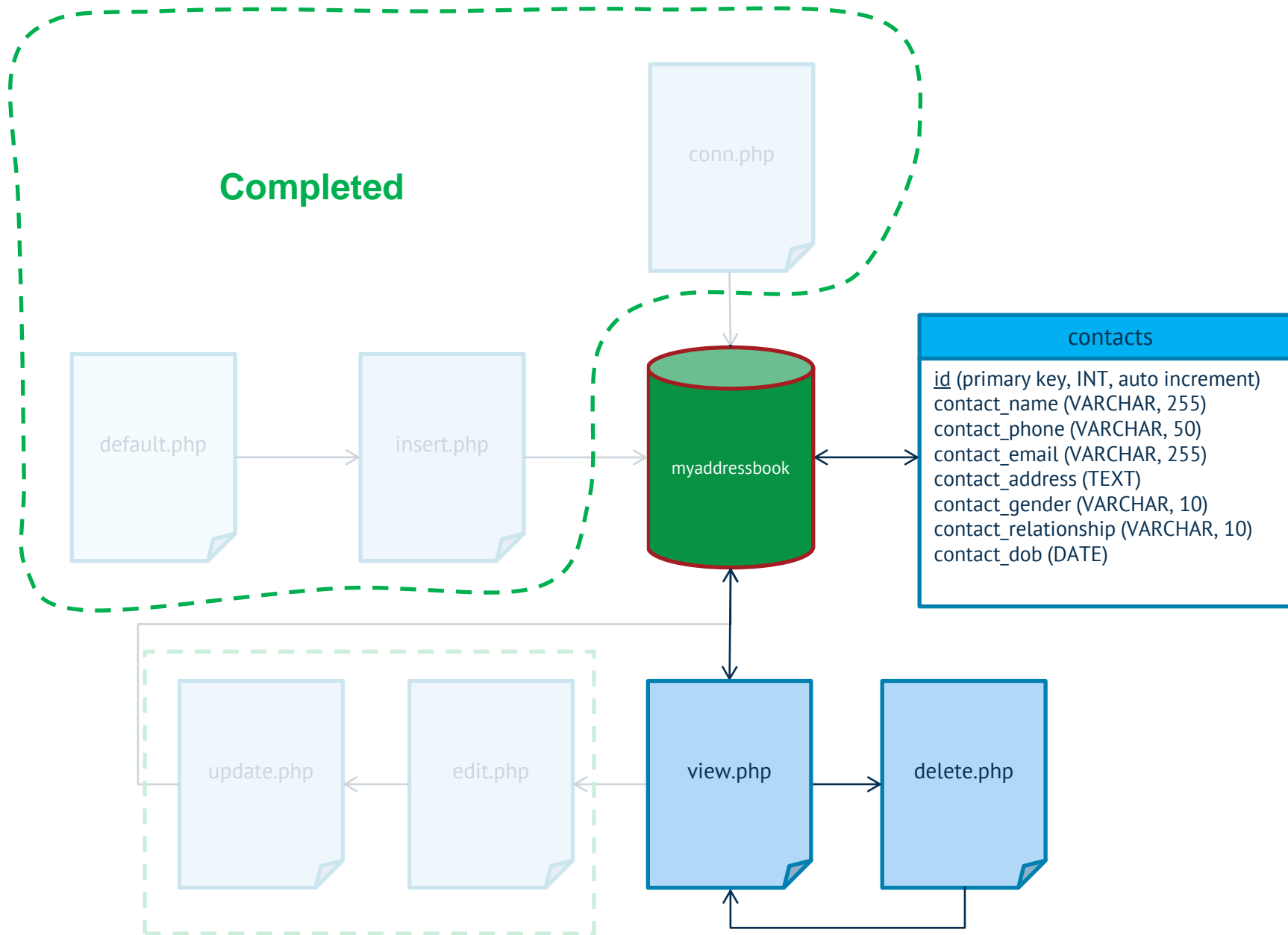


AAPP009-4-2 Web Development

PHP & MYSQL PART 1: SELECT AND DELETE QUERY



Retrieve and view the data from the database (view.php)

1. The data retrieval concept & how it going to be displayed on the web page as follows:

Name	Phone	Email	Address	Gender	Relationship	DOB	Edit	Delete	Static row
.	Dynamic row
.	
.	

Retrieve and view the data from the database (view.php) – cont.

2. Create a php file in Web Authoring Tool/ Text Editor and name it as “view.php”.
3. Include these codes within the <body> section.

SQL Query to retrieve all data in ‘contacts’ table:

```
<?php include ("conn.php") ;  
$result = mysqli_query ($con, "SELECT * FROM contacts") ;  
?>
```

Static row of the table structure:

```
<table width="90%">  
  <tr bgcolor="#CC99FF">  
    <td>Name</td>  
    <td>Phone Number</td>  
    <td>Email</td>  
    <td>Address</td>  
    <td>Gender</td>  
    <td>Relationship</td>  
    <td>DOB</td>  
    <td>Edit</td>  
    <td>Delete</td>  
  </tr>
```

Retrieve and view the data from the database (view.php) – cont.

Dynamic row of the table structure:

```
<?php
while($row = mysqli_fetch_array($result))
{
    echo "<tr bgcolor=\"#99FF66\">"; // alternative way is : echo '<tr bgcolor="#99FF66">';

    echo "<td>";
    echo $row['contact_name'];
    echo "</td>";

    echo "<td>";
    echo $row['contact_phone'];
    echo "</td>";

    echo "<td>";
    echo " <a href=\"mailto:\" . $row['contact_email'] . "\"> . $row['contact_email'] . "</a> "; // Hyperlink
    echo "</td>";

    echo "<td>";
    echo $row['contact_address'];
    echo "</td>";
```

mysqli_fetch_array() function fetches a result row as an associative array, a numeric array, or both.

Note: Fieldnames (from table column in database) returned from this function are case-sensitive.

Retrieve and view the data from the database (view.php) – cont.

Dynamic row of the table structure – cont.:

```
echo "<td>";
echo $row['contact_gender'];
echo "</td>";

echo "<td>";
echo $row['contact_relationship'];
echo "</td>";

echo "<td>";
echo $row['contact_dob'];
echo "</td>";

echo "<td><a href=\"edit.php?id=\"; //edit.php will be created in Lab 8
echo $row['id'];
echo \">Edit</a></td>";

echo "<td><a href=\"delete.php?id=\"; //hyperlink to delete.php page with 'id' parameter
echo $row['id'];
echo \" onClick=\"return confirm('Delete "; //JavaScript to confirm the deletion of the record
echo $row['contact_name'];
echo " details?')\">Delete</a></td></tr>";
}
mysqli_close($con); //to close the database connection
?>
</table>
```

View the outcome
in the browser

Delete the data in the database from the web interface (delete.php)

1. Create a php file in Microsoft Expression Web and name it as “delete.php”.

```
<?php

include ("conn.php");

//$_GET['id'] - Get the integer value from id parameter in URL.
//intval() will returns the integer value of a variable
$id = intval($_GET['id']);

$result = mysqli_query($con,"DELETE FROM contacts WHERE id=$id");

mysqli_close($con); //close database connection
header('Location: view.php'); //redirect the page to view.php page

?>
```

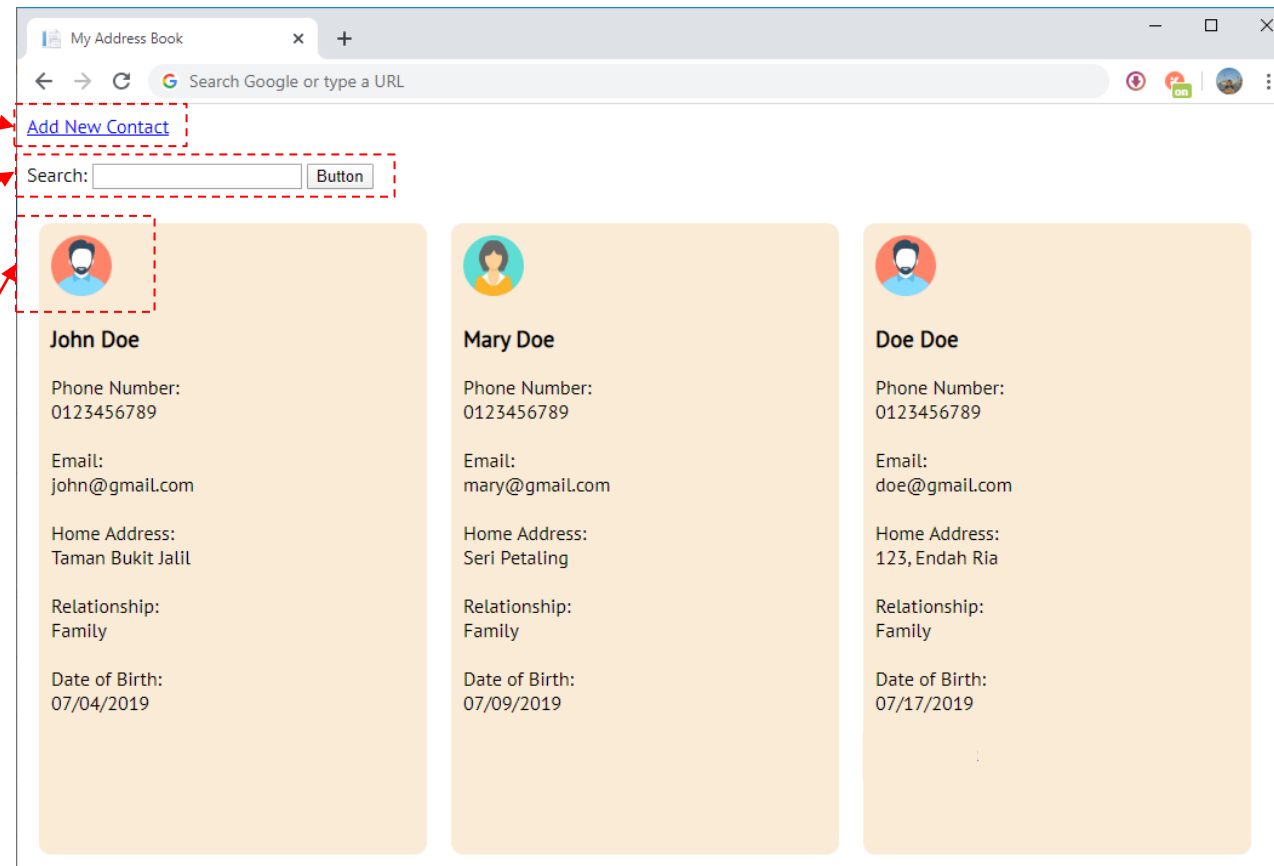
Extra Exercise

Re create “view.php” page and name it as “**new_view.php**”. The new user interface should look similar like the example below. Please take note that the color scheme and images is not necessary to be exactly the same as example.

Provide a hyperlink to default.html page

Implement a search function based on “Contact Name”. Search result must be displayed on the same page.

Display image for contacts’ gender. The image displayed must be based on the data stored in database.



Q & A