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Vellore Institute of Technology
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CSE3002 Internet Web Programming

LAB ASSESSMENT 6

Submitted by
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Create a web application to display and update the menu of a restaurant. Menu data are stored in a text file called **food.txt**. Each line shows the menu of each day; for example:

MONDAY:!:VEGETABLE SOUP:!:GRILLED CHICKEN:!:CHOCOLATE PUDDING

The first field is day info., the second is starter, and the third one is main course, the last one is dessert.

- Write a php file, `food_menu.php` to display menu in a table format. Notice that each day is displayed in an ordered manner. Figure 1. Each day is a link to `update_form.php`.
- Write a php file, `update_form.php`. It displays a form and fills the content of day, starter, main course, and dessert using `food.txt` file, Figure 2. When you click on submit button "Update", it posts all data to `update.php`.
- Write a php file, `update.php`. It gets modified data from `update_form.php` and updates the record in `food.txt`. **Then, it redirects to `food_menu.php` file.**
Hint: You can read all data into an array, change the content within the array, then rewrite all data in the array into file, `food.txt`.

food.txt

```
MONDAY:!:CRISPY CHILLI BABYCORN:!:VEG HAKKA NOODLES:!:WAFFLES/  
TUESDAY:!:MUSHROOM SOUP:!:FRIED CHICKEN:!:CHOCOLATE ICECREAM/  
WEDNESDAY:!:TOMATO SOUP:!:FRIED RICE:!:STRAWBERRY ICECREAM/  
THURSDAY:!:DRUMS OF HEAVEN:!:CHICKEN HAKKA NOODLES:!:GULAB JUMAN/  
FRIDAY:!:CHICKEN RESHMI KEBAB:!:MUTTON BIRIYANI:!:GARDEN SALAD/  
SATURDAY:!:BABY CORN:!:AMERICAN CHOUPEY:!:SEASON SALAD/  
SUNDAY:!:PANEER TIKKA:!:PANNER MOMO:!:PICKELS SOUR/
```

a) `food_menu.php`

Code:

```
<body>  
    <table border = "1">  
        <thead>  
            <th>Day</th>  
            <th>Menu</th>  
        </thead>  
        <tbody>  
            <?php  
                $file = fopen("../food.txt",'r');  
                $class = 0;
```

```

        $index=0;
        while (!feof($file))
        {
            $line = trim(fgets($file));
            if ($line)
            {
                $data = explode(":::", $line);
                // var_dump($data);
                echo"
                <tr>
                    <td><a href=
'update_form.php?index=".$index.">".$data[0]."</td>

<td>".$data[1]."<br>---<br>".$data[2]."<br>---<br>".$str_replace("/",
"", $data[3]) . "</td>

                </tr>";
                $index++;
            }
        }
        fclose($file);
    ?>
</tbody>
</table>
</body>

```

Output:



A screenshot of a web browser displaying a food menu. The browser's address bar shows 'localhost/phpsandbox/Food-Menu/food_menu.php'. The menu is presented as a table with two columns: 'Day' and 'Menu'. Each day of the week is listed in the 'Day' column, with a blue hyperlink. The 'Menu' column lists several dishes for each day, separated by three dashes (---). The dishes are: Monday (Crispy Chilli Babycorn, Veg Hakka Noodles, Waffles), Tuesday (Mushroom Soup, Fried Chicken, Chocolate Icecream), Wednesday (Tomato Soup, Fried Rice, Strawberry Icecream), Thursday (Drums of Heaven, Chicken Hakka Noodles, Gulab Juman), Friday (Chicken Reshmi Kebab, Mutton Biryani, Garden Salad), Saturday (Baby Corn, American Choupsey, Season Salad), and Sunday (Paneer Tikka, Panner Momo, Pickels Sour).

Day	Menu
MONDAY	CRISPY CHILLI BABYCORN --- VEG HAKKA NOODLES --- WAFFLES
TUESDAY	MUSHROOM SOUP --- FRIED CHICKEN --- CHOCOLATE ICECREAM
WEDNESDAY	TOMATO SOUP --- FRIED RICE --- STRAWBERRY ICECREAM
THURSDAY	DRUMS OF HEAVEN --- CHICKEN HAKKA NOODLES --- GULAB JUMAN
FRIDAY	CHICKEN RESHMI KEBAB --- MUTTON BIRYANI --- GARDEN SALAD
SATURDAY	BABY CORN --- AMERICAN CHOUPSEY --- SEASON SALAD
SUNDAY	PANEER TIKKA --- PANNER MOMO --- PICKELS SOUR

b) update_form.php

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Update Form PHP</title>
</head>
<body>
  <form method="POST" action="update.php">

    <p>
      <label for="Day">DAY</label>
      <input type="text" name="DAY" value=" ">
    </p>

    <p>
      <label for="Starter">STARTER</label>
      <input type="text" name="STARTER" value=" ">
    </p>

    <p>
      <label for="Main_course">MAIN COURSE</label>
```

```
        <input type="text" name="MAIN_COURSE" value= "">
    </p>
    <p>
        <label for="Dessert">DESSERT</label>
        <input type="text" name="DESSERT" value= "">
    </p>
    <p>
        <input type="submit" name="submit" value= "UPDATE">
    </p>
    <a href= "food_menu.php">Back to Menu</a>
</form>
</body>
</html>
```

Output



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DAY

STARTER

MAIN COURSE

DESSERT

[Back to Menu](#)

c) update.php

Code:

```
<?php
    if(isset($_POST['submit']))
    {

        $map =
array("MONDAY"=>0,"TUESDAY"=>1,"WEDNESDAY"=>2,"THURSDAY"=>3,"FRIDAY"=>4,"S
ATURDAY"=>5,"SUNDAY"=>6);
        $day = $_POST['DAY'];
        $starter = $_POST['STARTER'];
        $main_course = $_POST['MAIN_COURSE'];
        $dessert = $_POST['DESSERT'];
        $data =
['DAY'=>$day,'STARTER'=>$starter,'MAIN_COURSE'=>$main_course,'DESSERT'=>$d
essert];
        $data = implode(":::", $data);
        $file = fopen("food.txt","r+");
        $text = fread($file,1000);
        $text = explode('/', $text);
        // echo $text[$map["MONDAY"]]. "<br><br><br>";
        $text[$map[$day]] = $data;
        $text = implode('/', $text);
        // print_r($text);
        fclose ($file);
        $fp = fopen('food.txt', 'w+');
        if(fwrite($fp, $text)) {
            echo 'saved';
        }
        fclose($fp);
        header("location: food_menu.php");

    }
```

Output:

← → ↻ localhost/phpsandbox/Food-Menu/food_menu.php 🔍 ☆ ⚙️ 👤 ⋮

Day	Menu
MONDAY	CHILLY POTATO --- CHEESE BURST PIZZA --- CAKE
TUESDAY	MUSHROOM SOUP --- FRIED CHICKEN --- CHOCOLATE ICECREAM
WEDNESDAY	TOMATO SOUP --- FRIED RICE --- STRAWBERRY ICECREAM
THURSDAY	DRUMS OF HEAVEN --- CHICKEN HAKKA NOODLES --- GULAB JUMAN
FRIDAY	CHICKEN RESHMI KEBAB --- MUTTON BIRIYANI --- GARDEN SALAD
SATURDAY	BABY CORN --- AMERICAN CHOUPEY --- SEASON SALAD
SUNDAY	PANEER TIKKA --- PANNER MOMO --- PICKELS SOUR

0

food.txt

```

MONDAY:!:CHILLY POTATO:!:CHEESE BURST PIZZA:!:CAKE/
TUESDAY:!:MUSHROOM SOUP:!:FRIED CHICKEN:!:CHOCOLATE ICECREAM/
WEDNESDAY:!:TOMATO SOUP:!:FRIED RICE:!:STRAWBERRY ICECREAM/
THURSDAY:!:DRUMS OF HEAVEN:!:CHICKEN HAKKA NOODLES:!:GULAB JUMAN/
FRIDAY:!:CHICKEN RESHMI KEBAB:!:MUTTON BIRIYANI:!:GARDEN SALAD/
SATURDAY:!:BABY CORN:!:AMERICAN CHOUPEY:!:SEASON SALAD/
SUNDAY:!:PANEER TIKKA:!:PANNER MOMO:!:PICKELS SOUR/

```