



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Spring 2020-2021

Project Title: Bank Management Section: K

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Bank Management

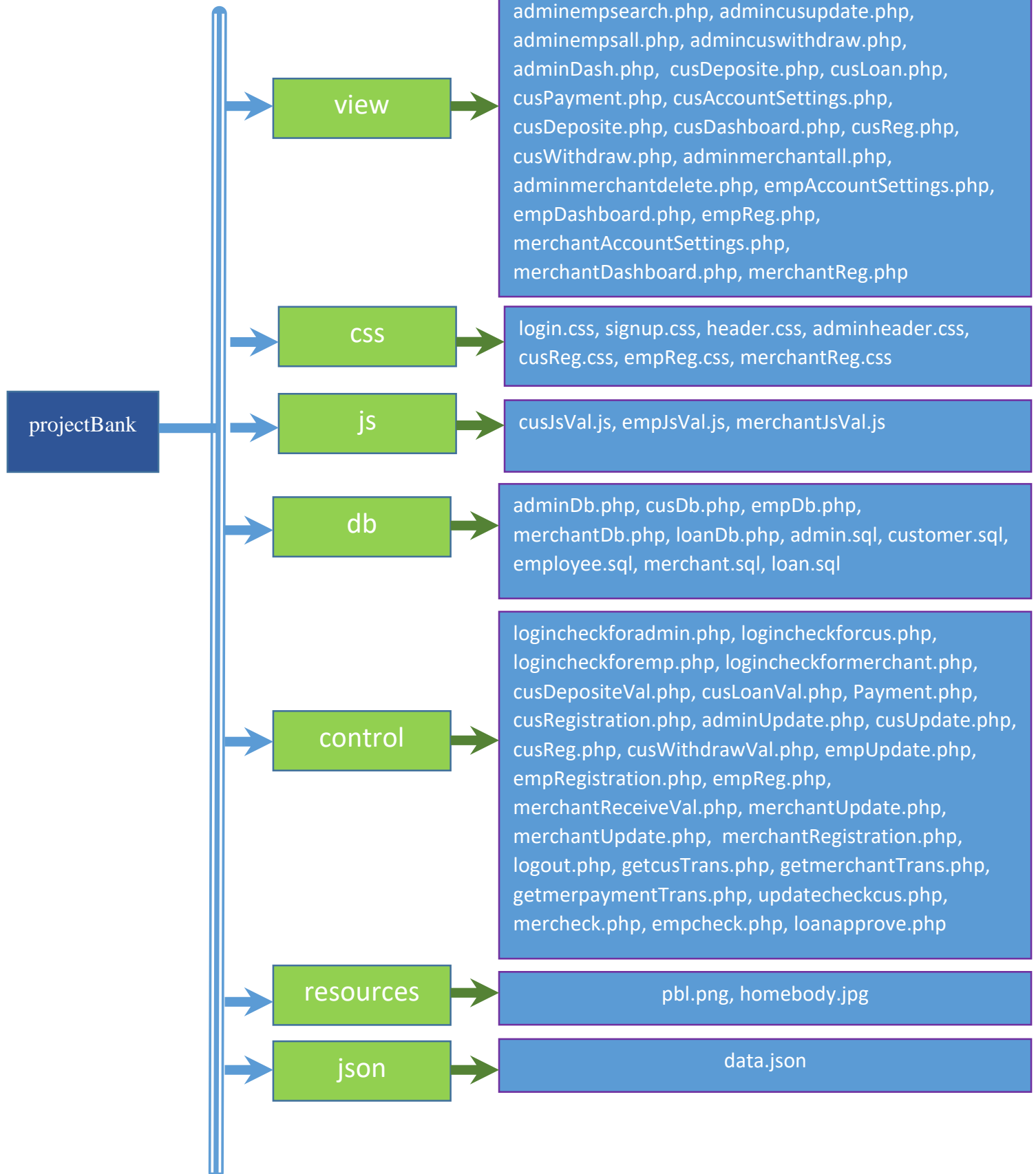
Project Description:

The Bank Management System is an application for maintaining a person's account in a bank. In this project we have tried to show the working of a banking account system and cover the basic functionality of a Bank Management System. The main aim of this project is to develop software for Bank Account Management System. This project has been developed to carry out the processes easily and quickly which are not possible with the manual systems but can be overcome by this software. This project is developed using PHP, HTML, CSS, JavaScript, Ajax, JQuery and MYSQL use for database connection. The system provides the access to the customer to create an account, deposit/withdraw the cash from his account and also can take loan. Transaction of money also is a part where customer takes shelter of the bank. Then an admin can add or delete a user, edit user information, manage employee and so on. An employee can approve customer's and merchant's loan. Lastly, a merchant can receive payment from customer and also can withdraw the cash. Now-a-days, managing a bank is a tedious job up to a certain limit. So software that reduces the work is essential. Also today's world is a genuine computer world and is getting faster and faster day-by-day. Thus, considering above necessities, the software for bank management has become necessary which would be useful in managing the bank more efficiently. Our software will perform and fulfill all the tasks that any customer would desire. Our motto is to develop a software program for managing the entire bank process related to customer accounts, employee accounts and to keep each and every track about their property and their various transaction processes efficiently. Hereby, our main objective is the customer's satisfaction considering today's faster world.



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Project Folder Structure:



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Core Modules of the Project:

customerDb.php

```
function Payment($conn, $table, $username, $password)
{
    $result = $conn-
>query ("SELECT balance FROM ". $table." WHERE username='". $username.'" AND password='".
. $password.'"");
}
function UpdateBalanceCustomer($conn, $table, $username, $updateBalanceCus){
    $sql3 = $conn-
>query("UPDATE customer SET balance='$updateBalanceCus' WHERE username='$username'");
}
function UpdateBalanceMerchant($conn, $table, $username, $updateBalance){
    $sql2 = $conn-
>query("UPDATE merchant SET balance='$updateBalance' WHERE username='$username'");
}
```

employeeDb.php

```
function RegUser($conn,$table, $name, $email, $username, $password, $nid, $dob, $mobile,
$address, $gender){
    $sql="INSERT INTO employee (name, email, username, password, nid, dob, mobile, addre
ss, gender)
    VALUES ('$name','$email','$username','$password','$nid','$dob','$mobile','$address',
'$gender')";
    $res = $conn->query($sql);
    if($res){
        $databaseReport = "new record inserted";
    }
    else{
        $databaseReport = "error occurred".$conn->connect_error;
    }
}
```

LoanDb.php

```
function LoanEntry($conn,$table,$username,$amount)
{
    $sql = "INSERT INTO loan (cusUsername, loanAmount) VALUES ('$username','$amount')";
    $res = $conn->query($sql);
    if($res){
        $databaseReport = "new record inserted";
    }
    else{
        $databaseReport = "error occurred".$conn->connect_error;
    }
}
```



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CO2 and CO4 Evaluation: Project Report Evaluation					
Completeness (5)	Validation (5)	Feature Implementation (5)	Concept Understanding (5)	Promptness (5)	Total (25)

