

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Fall 2019-2020**

**Project Title: BookRental**

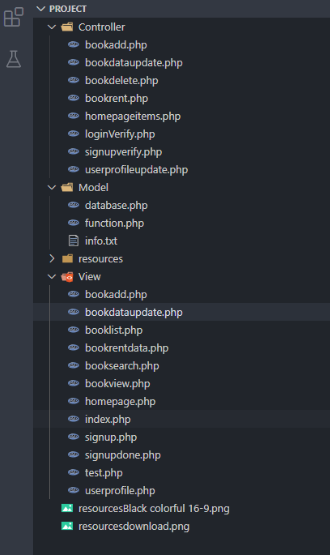
**Section: B**

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| Student Name | Student Id |
| Sowvik, Sarker | **17-33228-1** |
| Salauddin,Towsif | **17-33837-1** |
| Imran, Fardin Ahsan | **17-33846-1** |
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**Project Description:**

*In this project we made a website where people can rent book online. In our program there will be three types of user. They are admin, client and supplier. A user can share book and slow rent book. Admin can add admin insert update delete book, user and book price. While a user can search book rent books as well as donate books. To operate website a user at first need to register into the website. Then user can use and perform the following works stated above.*

**Project Folder Structure:**

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**Core Modules of the Project:**

***loginverify.php***

function loginVerify($username, $password){

include\_once '../Controller/loginVerify.php';

include\_once '../Model/database.php';

$query = "select \* from user where username = '$username' and password = '$password' ";

$retVal = $con->query($query);

if($retVal->num\_rows == 1){ header('location:../view/homepage.php'); }

else{ echo "check username or password"; }

session\_start();

$\_SESSION['username'] = $username; }

***bookRentDatabaseConnetion.php***

function bookRent($bookrentdays, $bookid){

include\_once '../Model/database.php';

include\_once '../Controller/bookrent.php';

session\_start();

$username = $\_SESSION['username'];

$sql1 = "select userid from user where username ='$username'";

$res = $con->query($sql1);

$row = mysqli\_fetch\_assoc($res);

$row1 = $row['userid'];

$userid = (int)$row1;

//got userid $sql4 = "select secmoney from user where username = '$username'";

$res2 = $con->query($sql4);

$row2 = mysqli\_fetch\_array($res2);

$secmoneyRow = $row2['secmoney'];

$securityMoney = (int)$secmoneyRow;

$sql5 = "select actualprice, priceperday from book where bookid = $bookid";

$res3 = $con->query($sql5);

$row3 = mysqli\_fetch\_assoc($res3);

$temppriceperday = $row3['priceperday'];

$priceperday = (int)$temppriceperday;

$actPriceRow = $row3['actualprice'];

$actPrice = (int) $actPriceRow;

if($securityMoney >= $actPrice){

$sql2="update book set availability = 'no' where bookid = $bookid";

$res1 = $con->query($sql);

$sql3 = "insert into rentbook ('userid', 'bookid') values ($userid, $bookid)";

$res4 = $con->query($sql3);

$sql6 = "select username from book where bookid = $bookid";

$res6 = $con->query($sql6);

$row6 = mysqli\_fetch\_assoc($res6);

$renter = $row6['username'];

$sql7 = "select secmoney from user where username = '$renter'";

$res7 = $con->query($sql7);

$row7 = mysqli\_fetch\_assoc($res7);

$temp7 = $row7['secmoney'];

$renterSecMoney = (int)$temp7;

$renterSecMoney+= ($bookrentdays\*$priceperday);

$userSecmoney-= ($bookrentdays\*$priceperday);

$sql8 = "update user set secmoney = $renterSecMoney where username = '$renter'";

$con->query($sql8);

$sql9 = "update user set secmoney = $userSecMoney where username = '$username'";

$con->query($sql9); header('location:../view/homepage.php'); }

else{

echo "Book Cannot be rented!. Insufficient Balance!"; } }

***backendofBookrent.php***

<?php

include\_once '../Model/function.php';

include '../View/bookrentdata.php';

$tempbookrentday = $\_POST['bookrentday'];

$tempbookid = $\_POST['bookid'];

$bookrentday = (int)$tempbookrentday;

$bookid = (int)$tempbookid;

bookRent($bookrentday,$bookid );

?>

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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)** |
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