Course Name: Web and Internet Programming

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Section: 01

Submitted To:

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Department of Computer Science and Engineering

Database Models:

User Model:

```php
<?php

namespace App\Models;

use CodeIgniter\Model;

class UserModel extends Model
{
    protected $DBGroup          = 'default';
    protected $table            = 'user';
    protected $primaryKey       = 'uid';
    protected $useAutoIncrement = true;
    protected $insertID         = 0;
    protected $returnType       = 'array';
    protected $useSoftDeletes   = false;
    protected $protectFields    = true;
    protected $allowedFields    =
['uid','email','password','fname','lname','gender',
'photo','address','contact','age','photo'];

    // Dates
    protected $useTimestamps = false;
    protected $dateFormat    = 'datetime';
    protected $createdField  = 'created_at';
    protected $updatedField  = 'updated_at';
```

```php
        protected $deletedField  = 'deleted_at';

        // Validation
        protected $validationRules      = [];
        protected $validationMessages   = [];
        protected $skipValidation       = false;
        protected $cleanValidationRules = true;

        // Callbacks
        protected $allowCallbacks = true;
        protected $beforeInsert   = [];
        protected $afterInsert    = [];
        protected $beforeUpdate   = [];
        protected $afterUpdate    = [];
        protected $beforeFind     = [];
        protected $afterFind      = [];
        protected $beforeDelete   = [];
        protected $afterDelete    = [];
}
```

Book Model:

```php
<?php

namespace App\Models;

use CodeIgniter\Model;
```

```php
class BookModel extends Model
{
    protected $DBGroup          = 'default';
    protected $table            = 'book';
    protected $primaryKey        = 'bookid';
    protected $useAutoIncrement = true;
    protected $insertID          = 0;
    protected $returnType        = 'array';
    protected $useSoftDeletes    = false;
    protected $protectFields     = true;
    protected $allowedFields     =
['bookid','uid','title','genre','language','author'
,'edition','publication','photo','shortdetails','st
atus'];

    // Dates
    protected $useTimestamps = false;
    protected $dateFormat     = 'datetime';
    protected $createdField   = 'created_at';
    protected $updatedField   = 'updated_at';
    protected $deletedField   = 'deleted_at';

    // Validation
    protected $validationRules      = [];
    protected $validationMessages   = [];
    protected $skipValidation        = false;
    protected $cleanValidationRules = true;
```

```php
    // Callbacks
    protected $allowCallbacks = true;
    protected $beforeInsert   = [];
    protected $afterInsert    = [];
    protected $beforeUpdate   = [];
    protected $afterUpdate    = [];
    protected $beforeFind     = [];
    protected $afterFind      = [];
    protected $beforeDelete   = [];
    protected $afterDelete    = [];
}
```

Home Page:
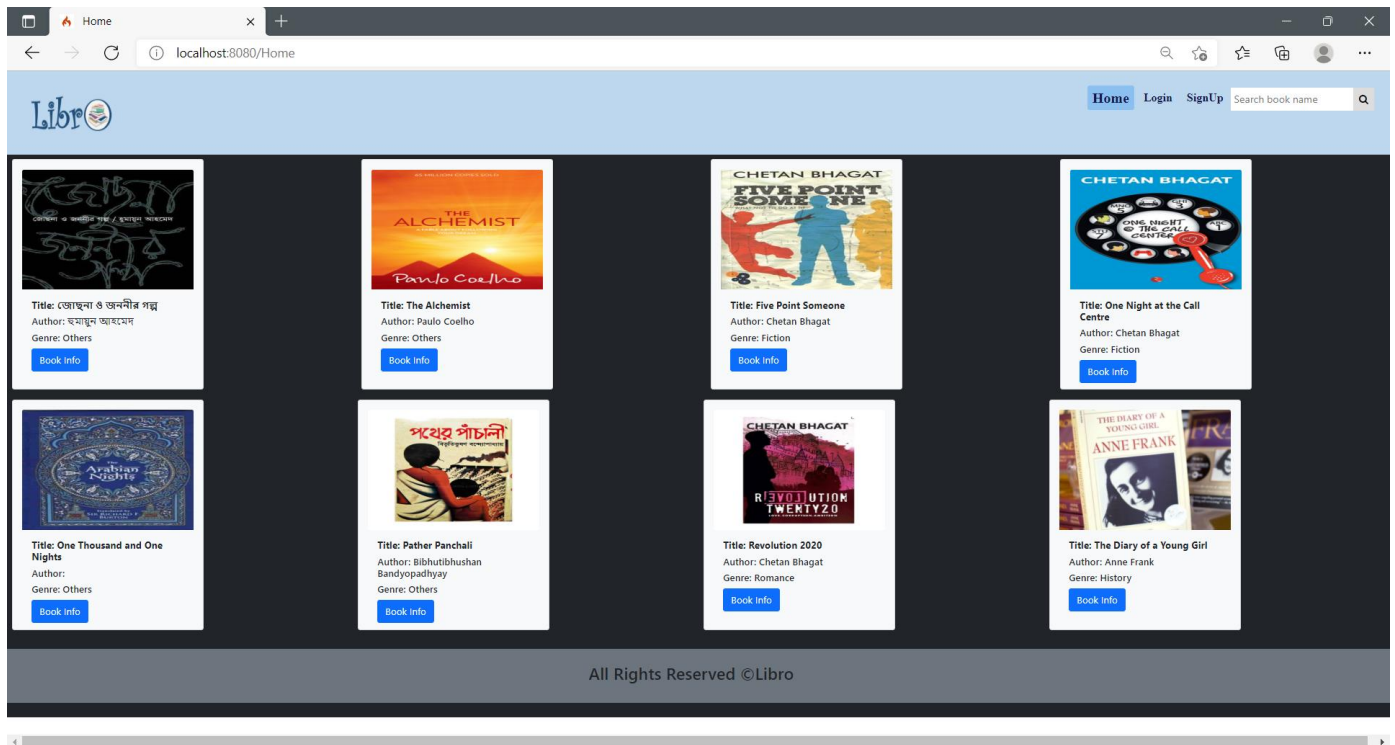
Home Controller:

```php
<?php
namespace App\Controllers;
use App\Models\BookModel;

class Home extends BaseController
{
    public function index()
    {
        $bookdb=new BooKModel();
        $data['user']=$bookdb->findAll();
```

```php
        //return view('welcome_message');
        return view('homeView',$data);
    }
    public function search()
    {
        $bookdb=new Bookmodel();
        if($this->request->getPost('search')){
        $name = $this->request->getPost('search');
        echo $name;
        $data[0]['book'] = $bookdb-
>like('title',$name) ;


        }
        else{
          $data['book']=$bookdb->findAll();
          echo "marufa";
        }

        echo "<pre>";
      print_r($data);


    }
}
```

Home View:

```html
<!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">
  <link rel="stylesheet" type="text/css"
href=<?=base_url("/bootstrap/css/bootstrap.css") ?>
/>
  <link rel="stylesheet" type="text/css" href=<?=
base_url("/bootstrap/css/bootstrap copy.css") ?> />
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
  <title>Home</title>
</head>

<body>

  <div class="header">
    <a href="<?= base_url("/Home") ?>">
```

```php
        <img width="150" height="75" src="<?=
base_url("/image/logo2.png") ?>" alt="!"
class="rounded ms-2" />
    </a>
    </a>
    <div class="header-right">
        <a class="activeblue" href="<?=
base_url("/Home") ?>">Home</a>
        <?php
        session_start();
        if (isset($_SESSION['uid'])) {
          // echo $_SESSION['uid'];
          // echo $_SESSION['email'];
          // echo $_SESSION['password'];
        ?>
          <a class="ablue" href="<?=
base_url("/BookEntryController") ?>">Book Entry</a>
          <a class="ablue" href="<?=
base_url("/UserInfoController") ?>">User Info</a>
          <a class="ablue" href="<?=
base_url("/LogoutController") ?>">Logout</a>
        <?php
        } else {
        ?>
          <a class="ablue" href="<?=
base_url("/LoginController") ?>">Login</a>
          <a class="ablue" href="<?=
base_url("/SignupController") ?>">SignUp</a>
```

```php
        <?php
        }
        ?>


    <div class="search-container">
        <form action="/BookInfoController/search/"
method="POST">
            <input type="text" placeholder="Search
book name" name="search">
            <button type="submit"><i class="fa fa-
search"></i></button>
        </form>
    </div>
  </div>
 </div>

    <?php $i = 4;
    foreach ($user as $u) {
      if ($i ==4) {
        $i = 0;
    ?>
        <div class="row bg-dark">
        <?php
    }
    $i++;
      ?>
        <div class="col">
```

```php
            <div class="card m-2 p-3 bg-light"
style="width: 20rem; height:24rem;">
                <img src="<?= base_url('uploads/' .
$u['photo']) ?>" class="card-img-top" alt="..."
width="150px" height="200px">
                <div class="card-body">
                    <h6 class="card-text"> <b> Title: <?=
$u['title'] ?> </b> </h6>
                    <h6 class="card-text">Author: <?=
$u['author'] ?> </h6>
                    <h6 class="card-text">Genre: <?=
$u['genre'] ?> </h6>
                    <a href="<?=
base_url("/BookInfoController/BookInfo/".$u['bookid
'])?>" class="btn btn-primary">Book Info</a>
                </div>
            </div>
        </div>
    <?php } ?>
        </div>
    <div class="footer bg-secondary row 3 p-4 my-4
text-center"> <h3> All Rights Reserved  &copy;Libro
</h3>
 </div>
</body>

</html>
```

SignUP Page:

SignUP Controller:

```php
<?php

namespace App\Controllers;

use App\Controllers\BaseController;
use App\Models\UserModel;
use CodeIgniter\Files\File;
```

```php
class SignUpController extends BaseController
{
    public function index()
    {
        return view("signupView");
    }
    public function saveSignup()
    {
        $userdb = new UserModel();

        $fname = $this->request->getPost('fname');
        $lname = $this->request->getPost('lname');
        $contact = $this->request-
>getPost('contact');
        $email = $this->request->getPost('email');
        $address = $this->request-
>getPost('address');
        $age = $this->request->getPost('age');
        $gender = $this->request-
>getPost('gender');
        $pass = md5("" . $this->request-
>getPost('password'));

        $validationRule = [
            'photo' => [
                'label' => 'Image File',
                'rules' => 'uploaded[photo]'
                    . '|is_image[photo]'
```

```php
                               .
'|mime_in[photo,image/jpg,image/jpeg,image/gif,imag
e/png,image/webp]',
               //. '|max_size[photo,100]'
               //. '|max_dims[photo,1024,768]',
           ],
       ];

       if (!$this->validate($validationRule)) {
           $data = ['errors' => $this->validator-
>getErrors()];
           print_r($data);

           return view('signupView');
       }

       $img = $this->request->getFile('photo');

       if (!$img->hasMoved()) {
           // $filepath = WRITEPATH . $img-
>store('image');
           $imgname = $img->getRandomName();
           $img->move('uploads/', $imgname);
       }

       $data = array(
           'fname' => $fname,
           'lname' => $lname,
```

```php
            'contact' => $contact,
            'email' => $email,
            'address' => $address,
            'age' => $age,
            'gender' => $gender,
            'password' => $pass,
            'photo' => $imgname
        );
        echo "<pre>";
        print_r($data);
        $userdb->insert($data);
    }
}
```

SignUP View:

```html
<!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">
```

```php
    <link rel="stylesheet" type="text/css" href=
<?php echo
base_url("/bootstrap/css/bootstrap.css")?> />
    <link rel="stylesheet" type="text/css" href=
<?php echo base_url("/bootstrap/css/bootstrap
copy.css")?> />
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <title>SignUP</title>
</head>
<body>
<div class="header ">
    <a href="<?= base_url("/Home") ?>">
      <img width="150" height="75" src="<?=
base_url("/image/logo2.png") ?>" alt="!"
class="rounded ms-2" />
    </a>
    </a>
    <div class="header-right">
      <a class="ablue" href="<?= base_url("/Home")
?>">Home</a>
        <?php
        session_start();
        if (isset($_SESSION['uid'])) {
          // echo $_SESSION['uid'];
          // echo $_SESSION['email'];
          // echo $_SESSION['password'];
```

```php
			?>
				<a class="ablue" href="<?=
base_url("/BookEntryController") ?>">Book Entry</a>
				<a class="ablue" href="<?=
base_url("/UserInfoController") ?>">User Info</a>
				<a class="ablue" href="<?=
base_url("/LogoutController") ?>">Logout</a>
			<?php
			} else {
			?>
				<a class="ablue" href="<?=
base_url("/LoginController") ?>">Login</a>
				<a class="activeblue" href="<?=
base_url("/SignupController") ?>">SignUp</a>
			<?php
			}
			?>


			<div class="search-container">
				<form action="/action_page.php">
					<input type="text" placeholder="Search
book name" name="search">
					<button type="submit"><i class="fa fa-
search"></i></button>
				</form>
			</div>
		</div>
	</div>
```

```html
<div class="container col-6 pt-2 ps-4 pb-4 mt-5
mb-5 bg-light">
    <div class="label h1 p-2">
        Sign Up
    </div>
    <div class="label h6 p-2 text-secondary">
        It's quick and easy.
    </div> <hr>
    <form name="form" onsubmit="return check()"
action="<?=
base_url("/SignUpController/saveSignup") ?>"
enctype="multipart/form-data" class="form-group px-
3 mb-5" method="POST">
        <div class="row">

        <div class="col ">
            <label class="ms-1">Name </label><input
type="text" class="form-control mt-2" name="fname"
placeholder="First Name" />
        </div>
        <div class="col">
            <label for=""> </label>
            <input type="text" class="form-control
mt-2" name="lname" placeholder="Last Name" />
        </div>

    </div>
```

```html
      Contact No. <input type="text" class="form-
control my-2" name="contact" placeholder="Enter
Contact No." />
      Email <input type="email" class="form-control
my-2" name="email" placeholder="Enter Email" />
      Address <input type="text" class="form-
control my-2" name="address" placeholder="Enter
Address" />


      <div class="row py-2">

        <div class="col-3">
          Age <input type="number" class="form-
control my-2" name="age" placeholder="Enter Age" />
        </div>

        <div class="col">
          <div class=" row ps-3 pb-3">
            Gender :
          </div>
          <div class="row-2">
            <input type="radio" name="gender"
value="Male" class="ms-2" /> Male
            <input type="radio" name="gender"
value="Female" class="ms-2" /> Female
            <input type="radio" name="gender"
value="Others" class="ms-2" /> Others
```

```html
          </div>
        </div>
      </div>


      Password <input type="password" class="form-
control my-2" name="password" minlength="5"
placeholder="Enter Password"/>
      Confirm Password <input type="password"
class="form-control my-2" name="confirmpassword"
minlength="5" placeholder="Confirm Password" />


      Photo <input type="file" class="form-control
my-2" name="photo"/>
      <div class=" my-3 col-2 float-right">
        <input type="submit" value="SignUp"
class="form-controlc sign-btn">
      </div>
    </form>
  </div>

  <script>
      function check(){
        var fname= document.form.fname.value;
        var lname= document.form.lname.value;
        var email= document.form.email.value;
        var contact= document.form.contact.value;
        var gender= document.form.gender.value;
        var age= document.form.age.value;
```
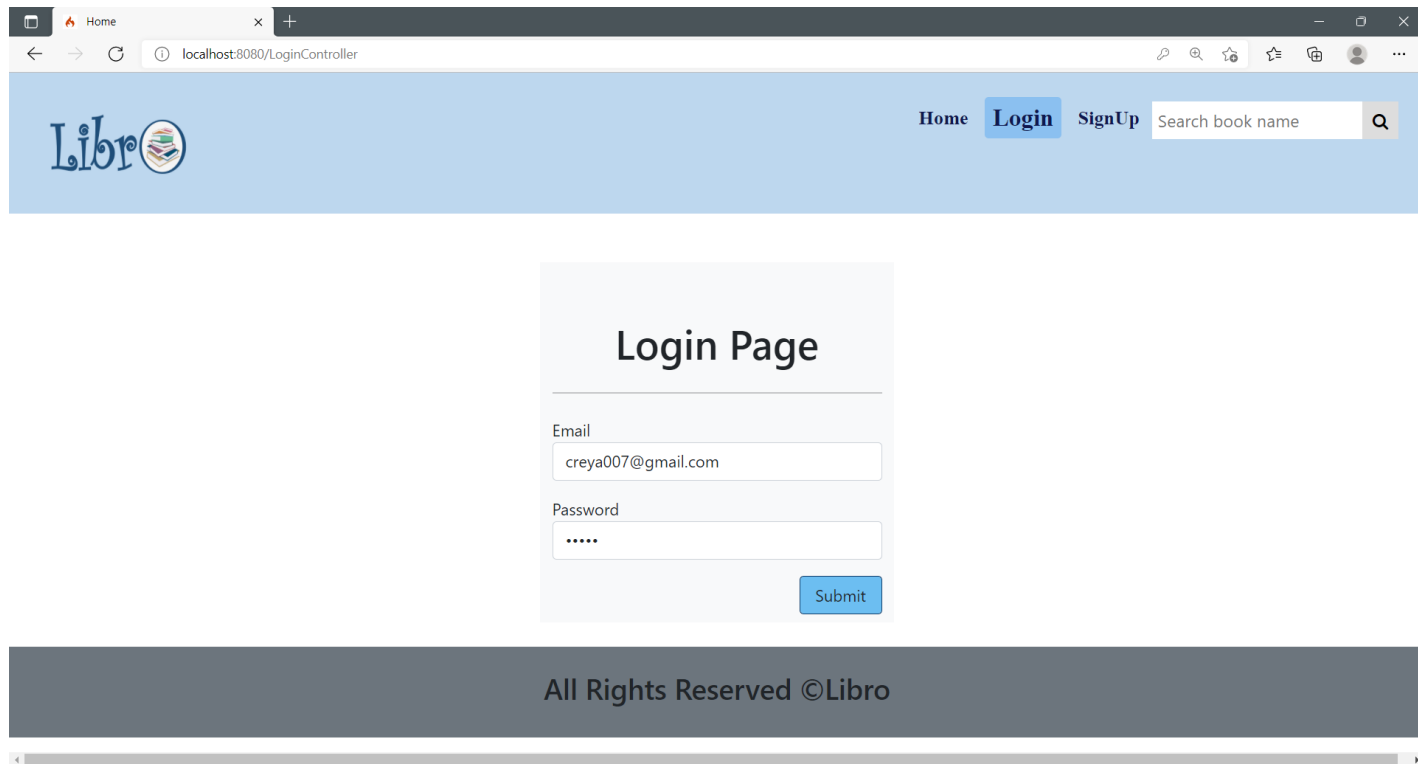
```javascript
        var address= document.form.address.value;
        var password= document.form.password.value;
        var confirmpassword=
document.form.confirmpassword.value;

        if(fname==""){
          alert("First Name field can not be
empty");
          return false;
        }
        if(lname==""){
          alert("Last Name field can not be
empty");
          return false;
        }
        if(contact==""){
          alert("Contact field can not be empty");
          return false;
        }
        if(email==""){
          alert("Email field can not be empty");
          return false;
        }
        if(address==""){
          alert("Address field can not be empty");
          return false;
        }
        if(age==""){
```

```
            alert("Age field can not be empty");
            return false;
        }
        if(gender==""){
            alert("Gender field can not be empty");
            return false;
        }
        if(password==""){
            alert("Password field can not be empty");
            return false;
        }
        if(confirmpassword==""){
            alert("Confirm Password field can not be
empty");
            return false;
        }
        if(password != confirmpassword){
            alert("Password & Confirm Password are
not same");
            return false;
        }
    }
    </script>

</body>
</html>
```

Login Page:

Login Controller:

```php
<?php

namespace App\Controllers;

use App\Controllers\BaseController;
use App\Models\UserModel;

class LoginController extends BaseController
{
    public function index()
    {
```

```php
        //echo("jsdjk;l");
        return view("LoginView");
        //return view("Log");
    }
    public function login()
    {
        $user = new userModel();
        $email = $this->request->getPost("email");
        $password = $this->request-
>getPost("password");
        $checkUser = $user->where('email', $email)-
>findAll();
        $cnt = count($checkUser);
        if ($cnt == 1) {
            if ($checkUser[0]['password'] == md5(""
. $password)) {
                session_start();
                $_SESSION['uid']=$checkUser[0]['uid
'];
                $_SESSION['email']=$checkUser[0]['e
mail'];
                $_SESSION['password']=$checkUser[0]
['password'];
                return redirect()-
>to(base_url("/Home"));
                echo "Login Successful";
                //return view('HomeView');
```

```php
            } else {
                return redirect()-
>to(base_url("/LoginController"))->with('status',
'Incorrect Email or Password!');
                echo "Incorrect Password";
            }
        } else {

            return redirect()-
>to(base_url("/LoginController"))->with('status',
'Incorrect Email or Password!');
            echo "Incorrect Email";
        }
        echo "<br>";
    }
}
```

Login View:

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible"
content="IE=edge">
```

```html
    <meta name="viewport" content="width=device-
width, initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href=<?php
echo base_url("/bootstrap/css/bootstrap.css") ?> />
    <link rel="stylesheet" type="text/css" href=<?php
echo base_url("/bootstrap/css/bootstrap copy.css")
?> />
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <title>Home</title>
</head>

<body>
    <div class="header ">
        <a href="<?= base_url("/Home") ?>">
            <img width="150" height="75" src="<?=
base_url("/image/logo2.png") ?>" alt="!"
class="rounded ms-2" />
        </a>
        </a>
        <div class="header-right">
            <a class="ablue" href="<?= base_url("/Home")
?>">Home</a>
            <a class="activeblue" href="<?=
base_url("/LoginController") ?>">Login</a>
            <a class="ablue" href="<?=
base_url("/SignupController") ?>">SignUp</a>
```

```html
        <div class="search-container">
          <form action="/action_page.php">
            <input type="text" placeholder="Search
book name" name="search">
            <button type="submit"><i class="fa fa-
search"></i></button>
          </form>
        </div>
      </div>
    </div>

  <div class="container  col-3 pt-5 mt-5  bg-light
">
    <div class="row  label h1 p-2">
      <label class="text-center">Login Page</label>
    </div>
    <hr>
    <div class="row">
      <div class="col md-2 col-md-offset-1">
        <form name="form" onsubmit="return check()"
action=<?= base_url() . "/LoginController/login";
?> method="post">
          <div class="form-group py-2">
            <label
for="exampleInputEmail">Email</label>
            <input type="email" class="form-
control" name="email">
```

```html
                    </div>

                <div class="form-group py-2">
                    <label
for="exampleInputPassword1">Password</label>
                    <input type="password" class="form-
control" name="password">
                </div>
                <div class="form-group col-3 float-
right">
                    <!-- <input type="Submit" class="btn
btn-primary my-2 float-end " name="Login"> -->
                    <input type="Submit" class="form-
controlc sign-btn my-2 " name="Login">
                </div>
            </form>
        </div>
    </div>

    <?php

    if (session()->getFlashdata('status')) {
    ?>
        <div class="row pb-3 container for-warning
clear-align">
            <?= (session()->getFlashdata('status')) ?>
        </div>
```

```php
      <?php
      }
      ?>
    </div>

    <script>
      function check() {
        var email = document.form.email.value;
        var password = document.form.password.value;
        if (email == "") {
          alert("Email field can not be empty");
          return false;
        }
        if (password == "") {
          alert("Password field can not be empty");
          return false;
        }

      }
    </script>
    <div class="footer bg-secondary row 3 p-4 my-4
text-center"> <h3> All Rights Reserved  &copy;Libro
</h3>
 </div>
</body>

</html>
```
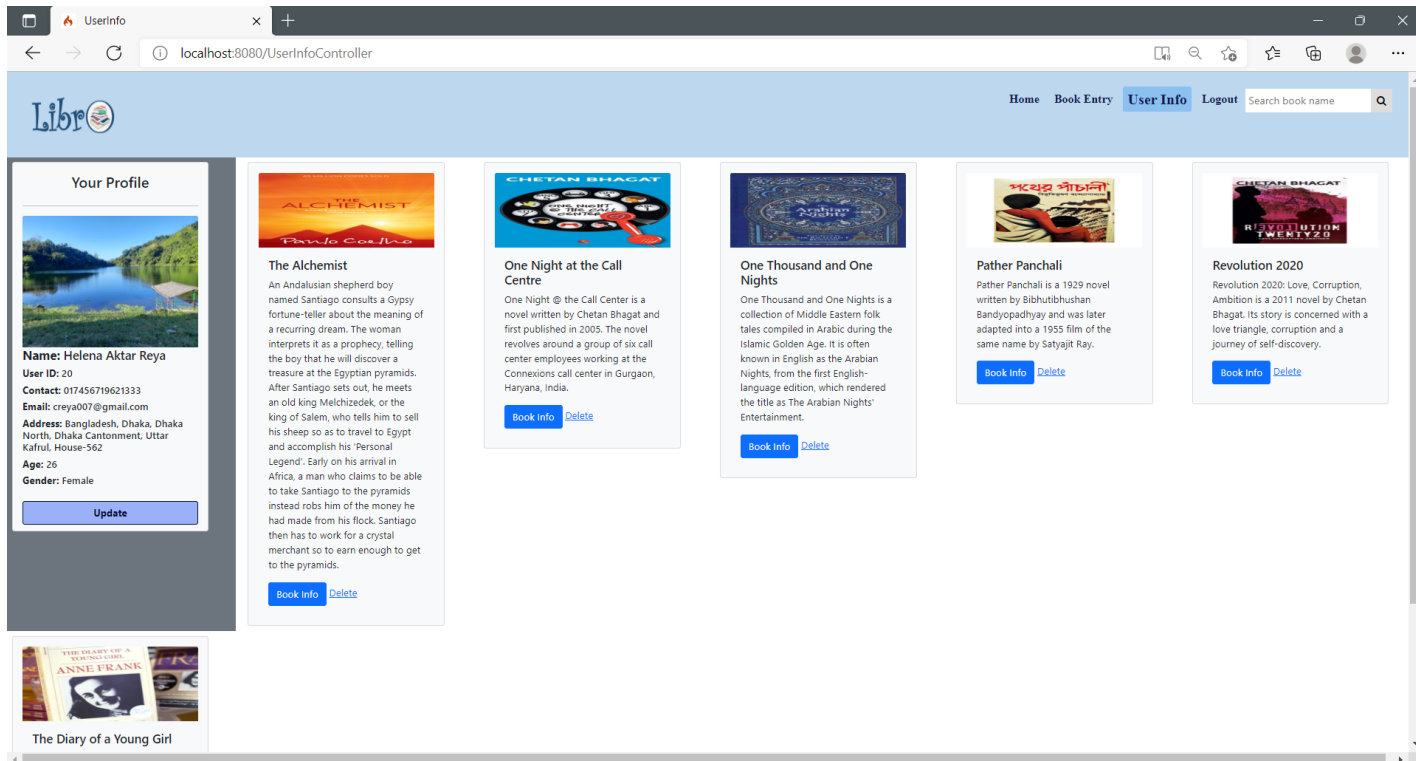
Logout Controller:

```php
<?php

namespace App\Controllers;

use App\Controllers\BaseController;

class LogoutController extends BaseController
{
    public function index()
    {
        session_start();
        unset($_SESSION['uid'],
        $_SESSION['email'],
        $_SESSION['password']
        ) ;
        return redirect()->to('/Home');
    }
}
```

UserInfo Page:

UserInfo Controller:

```php
<?php

namespace App\Controllers;

use App\Controllers\BaseController;
use App\Models\UserModel;
use App\Models\BookModel;


class UserInfoController extends BaseController
{
    public function index()
```

```php
    {
        session_start();
        $userdb = new UserModel();
        $bookdb = new BookModel();
        $data ['user']= $userdb-
>where('uid',$_SESSION['uid'])->find();
        $data ['books']= $bookdb-
>where('uid',$_SESSION['uid'])->find();

        //   echo "<pre>";
        //   print_r($data);
        return view('UserInfoView', $data);
    }
     function update( )

    {
         session_start();
         $userdb = new UserModel();

         $data ['user']= $userdb-
>where('uid',$_SESSION['uid'])->find();
         return view('UserUpdateView',$data);

    }function update_save($uid)
    {
        $userdb = new UserModel();
        $fname = $this->request->getPost('fname');
        $lname = $this->request->getPost('lname');
```

```php
        $contact = $this->request-
>getPost('contact');
        $email = $this->request->getPost('email');
        $address = $this->request-
>getPost('address');
        $age = $this->request->getPost('age');
        $gender = $this->request-
>getPost('gender');

        $data = array(
            'fname' => $fname,
            'lname' => $lname,
            'contact' => $contact,
            'email' => $email,
            'address' => $address,
            'age' => $age,
            'gender' => $gender
        );
        $userdb->update($uid,$data);
        $data ['user']= $userdb->where('uid',$uid)-
>find();
        // return view("UserInfoView",$data);
        return redirect()-
>to('/UserInfoController');
    }

}
```

UserInfo View:

```html
<!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">
  <link rel="stylesheet" type="text/css" href=<?php
echo base_url("/bootstrap/css/bootstrap.css") ?> />
  <link rel="stylesheet" type="text/css" href=<?php
echo base_url("/bootstrap/css/bootstrap copy.css")
?> />
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
  <title>UserInfo</title>
</head>

<body>

  <div class="header ">
    <a href="<?= base_url("/Home") ?>">
```

```php
        <img width="150" height="75" src="<?=
base_url("/image/logo2.png") ?>" alt="!"
class="rounded ms-2" />
    </a>
    </a>
    <div class="header-right">
      <a class="ablue" href="<?= base_url("/Home")
?>">Home</a>
      <?php
      session_start();
      if (isset($_SESSION['uid'])) {
        // echo $_SESSION['uid'];
        // echo $_SESSION['email'];
        // echo $_SESSION['password'];
      ?>
      <a class="ablue" href="<?=
base_url("/BookEntryController") ?>">Book Entry</a>
        <a class="activeblue" href="<?=
base_url("/UserInfoController") ?>">User Info</a>
        <a class="ablue" href="<?=
base_url("/LogoutController") ?>">Logout</a>
      <?php
      } else {
      ?>
      <a class="ablue" href="<?=
base_url("/LoginController") ?>">Login</a>
        <a class="ablue" href="<?=
base_url("/SignupController") ?>">SignUp</a>
```

```php
        <?php
        }
        ?>


    <div class="search-container">
        <form action="/action_page.php">
            <input type="text" placeholder="Search
book name" name="search">
            <button type="submit"><i class="fa fa-
search"></i></button>
        </form>
    </div>
  </div>
 </div>

  <div class="row">


    <div class="col bg-secondary">


    <div class="card m-2 p-3 bg-light"
style="width: 20rem; height:37.5rem;">
        <div class="label h4 text-center">Your
Profile </div> <b>
            <hr>
        </b>
```

```php
        <img src="<?= base_url('uploads/' .
$user[0]['photo']) ?>" class="card-img-top"
alt="...">
        <h5 class="card-title"><b>Name: </b> <?=
$user[0]['fname'] . " " . $user[0]['lname'] ?>
</h5>
        <h6 class="card-text"> <b>User ID: </b> <?=
$user[0]['uid'] ?></h6>
        <h6 class="card-text"> <b>Contact: </b> <?=
$user[0]['contact'] ?></h6>
        <h6 class="card-text"> <b>Email: </b> <?=
$user[0]['email'] ?></h6>
        <h6 class="card-text"> <b>Address: </b> <?=
$user[0]['address'] ?></h6>
        <h6 class="card-text"> <b>Age: </b> <?=
$user[0]['age'] ?></h6>
        <h6 class="card-text"> <b>Gender: </b> <?=
$user[0]['gender'] ?></h6>
        <p class="card-text"> </p>
        <a href="<?=
base_url("/UserInfoController/update") ?>"
class="btn btn-color">Update</a>
      </div>
    </div>

    <?php $i = 2;
    foreach ($books as $u) {
      if ($i == 2) {
```

```php
            $i = 0;
        ?>
            <!-- <div class="row m-3 bg-dark"> -->
        <?php
        }
        $i++;
        ?>

        <div class="col">

            <div class="card m-2 p-3 bg-light"
style="width: 20rem; height:auto;">
                <img src="<?= base_url('uploads/' .
$u['photo']) ?>" class="card-img-top" alt="..."
width="200" height="121">
                <div class="card-body">
                    <h5 class="card-title"><?= $u['title']
?> </h5>
                    <p class="card-text"><?=
$u['shortdetails'] ?></p>
                    <a href="<?=
base_url("/BookInfoController/BookInfo/" .
$u['bookid']) ?>" class="btn btn-primary">Book
Info</a>
                    <a href="<?=
base_url('/BookInfoController/delete/'.
$u['bookid'])?>">Delete</a>
                </div>
```

```
            </div>
        </div>
    <?php } ?> </div>


</body>

</html>
```

Update User Info Page:

Update User Info View:

```
<!DOCTYPE html>
<html lang="en">
```

```html
<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">
  <link rel="stylesheet" type="text/css"
href=<?=base_url("/bootstrap/css/bootstrap.css") ?>
/>
  <link rel="stylesheet" type="text/css" href=<?=
base_url("/bootstrap/css/bootstrap copy.css") ?> />
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
  <title>Home</title>
</head>

<body>

  <div class="header">
    <a href="<?= base_url("/Home") ?>">
      <img width="150" height="75" src="<?=
base_url("/image/logo2.png") ?>" alt="!"
class="rounded ms-2" />
    </a>
    </a>
    <div class="header-right">
```

```php
        <a class="activeblue" href="<?=
base_url("/Home") ?>">Home</a>
        <?php
        session_start();
        if (isset($_SESSION['uid'])) {
          // echo $_SESSION['uid'];
          // echo $_SESSION['email'];
          // echo $_SESSION['password'];
        ?>
          <a class="ablue" href="<?=
base_url("/BookEntryController") ?>">Book Entry</a>
          <a class="ablue" href="<?=
base_url("/UserInfoController") ?>">User Info</a>
          <a class="ablue" href="<?=
base_url("/LogoutController") ?>">Logout</a>
        <?php
        } else {
        ?>
          <a class="ablue" href="<?=
base_url("/LoginController") ?>">Login</a>
          <a class="ablue" href="<?=
base_url("/SignupController") ?>">SignUp</a>
        <?php
        }
        ?>


        <div class="search-container">
```

```html
        <form action="/BookInfoController/search/"
method="POST">
            <input type="text" placeholder="Search
book name" name="search">
            <button type="submit"><i class="fa fa-
search"></i></button>
        </form>
    </div>
  </div>
 </div>
<body>
 <div class="container col-6 pt-2 ps-4 pb-4 mt-5
mb-5 bg-light">
 <?php foreach ($user as $u) { ?>
   <form name="form" onsubmit="return check()"
action="<?=
base_url("/UserInfoController/update_save/".$u['uid
']) ?>"   class="form-group px-3 mb-5"
method="POST">

    <div class="row">
        <div class="col">
            <label class="ms-1"> First Name
</label><input type="text"  class="form-control mt-
2" name="fname" value="<?= $u['fname'];?>" />
        </div>
        <div class="col">
            <label class="ms-1"> Last name</label>
```

```
            <input type="text" class="form-control
mt-2" name="lname"  value="<?= $u['lname'];?>" />
        </div>

    </div>
    Contact No. <input type="text" class="form-
control my-2" name="contact"  value="<?=
$u['contact'];?>"/>
    Email <input type="email" class="form-control
my-2" name="email" value="<?= $u['email'];?>" />
    Address <input type="text" class="form-
control my-2" name="address" value="<?=
$u['address'];?>" />


    <div class="row py-2">

        <div class="col-3">
            Age <input type="number" class="form-
control my-2" name="age"  value="<?= $u['age'];?>"
/>
        </div>

        <div class="col">
            <div class=" row ps-3 pb-3">
                Gender :
            </div>
```

```html
            <div class="row-2">
                <input type="radio" name="gender"
value="Male" class="ms-2" /> Male
                <input type="radio" name="gender"
value="Female" class="ms-2" /> Female
                <input type="radio" name="gender"
value="Others" class="ms-2" /> Others
            </div>
          </div>
        </div>
        <div class=" my-3 col-2 float-right">
            <input type="submit" value="Update"
class="form-controlc sign-btn">
        </div>

    </form>
    <?php }?>
    </div>
    <script>
      function check(){
        var fname= document.form.fname.value;
        var lname= document.form.lname.value;
        var email= document.form.email.value;
        var contact= document.form.contact.value;
        var gender= document.form.gender.value;
        var age= document.form.age.value;
        var address= document.form.address.value;
```

```
        if(fname==""){
          alert("First Name field can not be
empty");
          return false;
        }
        if(lname==""){
          alert("Last Name field can not be
empty");
          return false;
        }
        if(contact==""){
          alert("Contact field can not be empty");
          return false;
        }
        if(email==""){
          alert("Email field can not be empty");
          return false;
        }
        if(address==""){
          alert("Address field can not be empty");
          return false;
        }
        if(age==""){
          alert("Age field can not be empty");
          return false;
        }
        if(gender==""){
```

```
                alert("Gender field can not be empty");
                return false;
            }
        }
    </script>
    <div class="footer bg-secondary row 3 p-4 my-4
text-center"> <h3> All Rights Reserved  &copy;Libro
</h3>
 </div>
</body>
</html>
```

Book Entry View:

Book Entry Controller:

```php
<?php

namespace App\Controllers;

use App\Controllers\BaseController;
use App\Models\BookModel;

class BookEntryController extends BaseController
{
    public function index()
    {
        return view("BookEntryView");
    }
    public function  book_save()
    {

        $bookdb = new BookModel();
        $title = $this->request->getPost('title');
        $genre = $this->request->getPost('genre');
        $language = $this->request-
>getPost('language');
        $author = $this->request-
>getPost('author');
        $edition = $this->request-
>getPost('edition');
```

```php
        $publicaiton = $this->request-
>getPost('publication');
        $shortdetails = $this->request-
>getPost('shortdetails');


        $validationRule = [
            'photo' => [
                'label' => 'Image File',
                'rules' => 'uploaded[photo]'
                    . '|is_image[photo]'
                    .
'|mime_in[photo,image/jpg,image/jpeg,image/gif,imag
e/png,image/webp]',
                //. '|max_size[photo,100]'
                //. '|max_dims[photo,1024,768]',
            ],
        ];
        if (!$this->validate($validationRule)) {
            $data = ['errors' => $this->validator-
>getErrors()];
            print_r($data);

            return view('signupView');
        }
        $img = $this->request->getFile('photo');

        if (!$img->hasMoved()) {
```

```php
            // $filepath = WRITEPATH . $img-
>store('image');
            $imgname = $img->getRandomName();
            $img->move('uploads/', $imgname);
        }
        session_start();
        $data = array(
            'uid' => $_SESSION['uid'],
            'title' => $title,
            'genre' => $genre,
            'language' => $language,
            'author' => $author,
            'editon' => $edition,
            'publication' => $publicaiton,
            'shortdetails' => $shortdetails,
            'photo' => $imgname
        );
        //echo "<pre>";
        //print_r($data);
        $bookdb->insert($data);


    }
}
```

Book Entry View:

```html
<!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">
    <link rel="stylesheet" type="text/css" href=
<?php echo
base_url("/bootstrap/css/bootstrap.css")?> />
    <link rel="stylesheet" type="text/css" href=
<?php echo base_url("/bootstrap/css/bootstrap
copy.css")?> />
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <title>Book Entry</title>
</head>
<body>

<div class="header ">
    <a href="<?= base_url("/Home") ?>">
      <img width="150" height="75" src="<?=
base_url("/image/logo2.png") ?>" alt="!"
class="rounded ms-2" />
```

```php
    </a>
    </a>
    <div class="header-right">
      <a class="ablue" href="<?= base_url("/Home")
?>">Home</a>
      <?php
      session_start();
      if (isset($_SESSION['uid'])) {
        // echo $_SESSION['uid'];
        // echo $_SESSION['email'];
        // echo $_SESSION['password'];
      ?>
        <a class="activeblue" href="<?=
base_url("/BookEntryController") ?>">Book Entry</a>
        <a class="ablue" href="<?=
base_url("/UserInfoController") ?>">User Info</a>
        <a class="ablue" href="<?=
base_url("/LogoutController") ?>">Logout</a>
      <?php
      } else {
      ?>
        <a class="ablue" href="<?=
base_url("/LoginController") ?>">Login</a>
        <a class="ablue" href="<?=
base_url("/SignupController") ?>">SignUp</a>
      <?php
      }
      ?>
```

```html
    <div class="search-container">
      <form action="/action_page.php">
        <input type="text" placeholder="Search
book name" name="search">
        <button type="submit"><i class="fa fa-
search"></i></button>
      </form>
    </div>
  </div>
</div>

<div class="container col-5 pt-2 ps-6  ">
  <div class="label h4 p-2 float-s"> Give Book
Information</div>
  <div class="label h6 p-2 text-secondary">
      It's quick and easy.
  </div> <hr>
  <form name="form"  onsubmit="return check()"
action="<?=base_url()."/BookEntryController/book_sa
ve";?>" class="form-group p-3 mb-5" method="POST"
enctype="multipart/form-data">
  <input type="text" class="form-control my-2"
name="title" placeholder="the Title" />
  <input type="text" class="form-control my-2"
name="author" placeholder="Author name" />
  <input type="text" class="form-control my-2"
name="publication" placeholder="publication name"
/>
```

```html
    <div class="row py-1">
    <div class="col">
    <div class="label ">
     Genre:
    </div>
        <select name="genre" id=" genre"
class="form-control">
            <option
value="Poetry">Poetry</option>
            <option
value="Poetry">Poetry</option>
            <option value="Drama">Drama</option>
            <option
value="Romance">Romance</option>
            <option
value="Fiction">Fiction</option>
            <option
value="History">History</option>
            <option value="Short story">Short
story</option>
            <option
value="Thriller">Thriller</option>
            <option
value="Travel">Travel</option>
            <option
value="Art/architecture">Art/architecture</option>
            <option
value="Cooking">Cooking</option>
```

```html
                    <option value="
Others">Others</option>
                </select>
            </div>
            <div class="col">
            <div class="label ">Language:</div>
                <select name=" language" id="language"
class="form-control">
                    <option
value="Bangla">Bangla</option>
                    <option
value="English">English</option>
                    <option
value="Spanish">Spanish</option>
                    <option value="Hindi">Hindi</option>
                    <option value="Arabic">
Arabic</option>
                    <option value="
Others">Others</option>
                </select>
            </div>
            <div class="col">
            <div class="label  ">Edition:</div>
            <select name="edition" id="edition"
class="form-control  ">
                    <option value="1">1</option>
                    <option value=" 2"> 2</option>
                    <option value=" 3">3</option>
```

```html
                <option value="4">4</option>
                <option value="5"> 5</option>
                <option value="6">6</option>
                <option value="7"> 7</option>
                <option value="8">8</option>
                <option value="9">9</option>
                <option value="10">10</option>
            </select>
        </div>
      </div>
      <div class="label py-1"> Short details:</div>
      <textarea id="shortdetails"
name="shortdetails" rows="1" cols="10" class="form-
control" ></textarea>
      <div class="row py-1">
      <div class="col-8">
      <div class="label ">Image:</div>
       <input type="file" name="photo" id="photo"
class="form-control">
      </div>
      </div>
      <input type ="submit" id="submit"
name="submit" Value="Submit" class= "btn btn-
primary my-2 float-end  ">
    </div>

    </form>
```

```html
    </div>
    <script>
        function check(){
            var title= document.form.title.value;
            var author= document.form.author.value;
            var publication=
document.form.publication.value;
            var genre= document.form.genre.value;
            var language= document.form.language.value;
            var edition= document.form.edition.value;
            var image= document.form.image.value;


            if(title==""){
                alert("Title field can not be empty");
                return false;
            }
            if( author==""){
                alert("Last Name field can not be
empty");

                return false;
            }
            if( publication==""){
                alert("Contact field can not be empty");
                return false;
            }
            if(genre==""){
                alert("Email field can not be empty");
```

```
                return false;
            }
            if(language==""){
                alert("Address field can not be empty");
                return false;
            }
            if(edition==""){
                alert("Age field can not be empty");
                return false;
            }
            if(gender==""){
                alert("Gender field can not be empty");
                return false;
            }
            if(image==""){
                alert("Password field can not be empty");
                return false;
            }
        }
    </script>


</body>
</html>
```
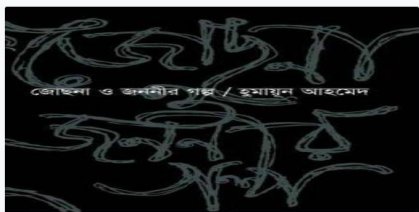
Book Info Page:

Book Info Controller:

```php
<?php

namespace App\Controllers;

use App\Controllers\BaseController;
use App\Models\BookModel;

class BookInfoController extends BaseController
{
    public function index()
```

```php
    {
        $bookdb=new BooKModel();
        $data['user']=$bookdb->findAll();
        // echo "<pre>";
        // print_r($data);
        return view('BookInfoView',$data);


    }

    function BookInfo($u){

        $bookdb=new BooKModel();
        //$bid = $this->request->getGet('bookid');
        //$data['bookid']=$bookdb->findAll();
        $data ['books']= $bookdb-
>where('bookid',$u)->find();
        // echo "<pre>";
        // print_r($data);
        return view('BookInfoView',$data);


    }

    public function delete($bookid)
    {

        $bookdb=new Bookmodel();
        $data['user']=$bookdb->find($bookid);
        echo "<pre>";
```

```php
        print_r($data);
        $bookdb->delete($bookid);
        return redirect()-
>to('/UserInfoController');


    }
    public function search()
    {
        // echo   "klehflf";
        $bookdb=new Bookmodel();
        $name = $this->request->getPost('name');
        $data ['user']= $bookdb->where('title',
$name)->find();
        echo "<pre>";
        print_r($data);
    //return redirect()->to('/BookInfoController');


    }



}
```

Book Info View:

```html
<!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">
  <link rel="stylesheet" type="text/css" href=<?php
echo base_url("/bootstrap/css/bootstrap.css") ?> />
  <link rel="stylesheet" type="text/css" href=<?php
echo base_url("/bootstrap/css/bootstrap copy.css")
?> />
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
  <title>UserInfo</title>
</head>

<body>

  <div class="header ">
    <a href="<?= base_url("/Home") ?>">
```

```php
            <img width="150" height="75" src="<?=
base_url("/image/logo2.png") ?>" alt="!"
class="rounded ms-2" />
        </a>
        </a>
        <div class="header-right">
            <a class="ablue" href="<?= base_url("/Home")
?>">Home</a>
            <?php
            session_start();
            if (isset($_SESSION['uid'])) {
              // echo $_SESSION['uid'];
              // echo $_SESSION['email'];
              // echo $_SESSION['password'];
            ?>
                <a class="ablue" href="<?=
base_url("/BookEntryController") ?>">Book Entry</a>
                <a class="ablue" href="<?=
base_url("/UserInfoController") ?>">User Info</a>
                <a class="ablue" href="<?=
base_url("/LogoutController") ?>">Logout</a>
            <?php
            } else {
            ?>
                <a class="ablue" href="<?=
base_url("/LoginController") ?>">Login</a>
                <a class="ablue" href="<?=
base_url("/SignupController") ?>">SignUp</a>
```

```php
        <?php
        }
        ?>


    <div class="search-container">
        <form action="/action_page.php">
            <input type="text" placeholder="Search
book name" name="search">
            <button type="submit"><i class="fa fa-
search"></i></button>
        </form>
    </div>
  </div>
</div>



  <div class="label h2 my-3 text-center">Book
Details </div> <b> <hr> </b>
  <?php foreach ($books as $u) { ?>
    <div class="row m-3 bg-dark mx-5">
      <div class="col mx-10">
        <div class="card m-3 p-3 bg-light"
style="width: 40rem; height:auto;">
          <img src="<?= base_url('uploads/' .
$u['photo']) ?>" class="card-img-top" alt="..."
height="300px" width="75px">
          <div class="card-body">
```

```php
        <h5 class="card-title"><b>Title:
</b><?= $u['title'] ?> </h5>
        <h6 class="card-title"><b>Author:
</b><?= $u['author'] ?></h6>
        <h6 class="card-title"><b>Genre:
</b><?= $u['genre'] ?></h6>
        <h6 class="card-title"><b>Language:
</b><?= $u['language'] ?></h6>
        <h6 class="card-title"><b>Edition:
</b><?= $u['edition'] ?></h6>
        <h6 class="card-title"><b>Publication:
</b><?= $u['publication'] ?></h6>
        <p class="card-text"><b>Short Details:
</b><?= $u['shortdetails'] ?></p>
        <a href="<?=
base_url("/CheckoutController/checkout/" .
$u['bookid']) ?>" class="btn btn-primary">Check
Out</a>
      </div>
    </div>
   </div>
 </div>
 <?php } ?>
</body>

</html>
```
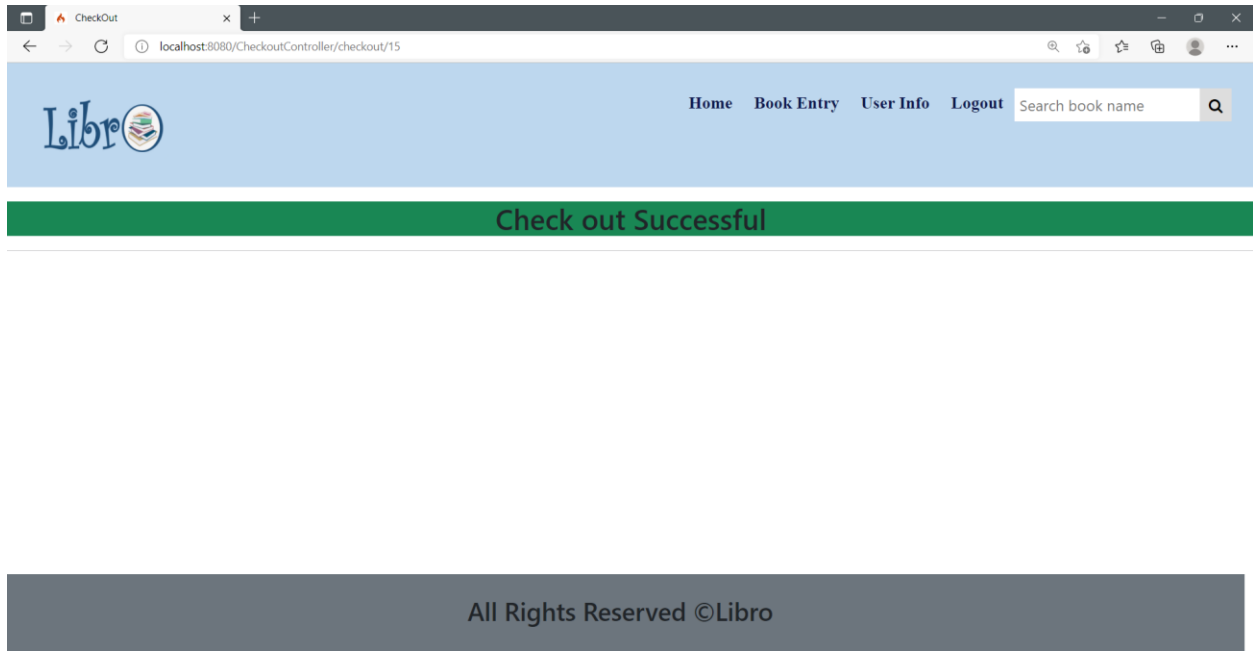
Checkout Page:

Checkout Controller:

```php
<?php

namespace App\Controllers;

use App\Controllers\BaseController;
use App\Models\UserModel;
use App\Models\BookModel;

class CheckoutController extends BaseController
{
    public function index()
```

```
    {
        //

        return view('CheckoutView');
    }
    function checkout()
    {
        //

        return view('CheckoutView');
    }
}
```

Checkout View:

```
<!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">
    <link rel="stylesheet" type="text/css" href=
<?php echo
base_url("/bootstrap/css/bootstrap.css")?> />
```

```php
    <link rel="stylesheet" type="text/css" href=
<?php echo base_url("/bootstrap/css/bootstrap
copy.css")?> />
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <title>CheckOut</title>
</head>
<body>

<div class="header ">
    <a href="<?= base_url("/Home") ?>">
      <img width="150" height="75" src="<?=
base_url("/image/logo2.png") ?>" alt="!"
class="rounded ms-2" />
    </a>
    </a>
    <div class="header-right">
      <a class="ablue" href="<?= base_url("/Home")
?>">Home</a>
        <?php
        session_start();
        if (isset($_SESSION['uid'])) {
          // echo $_SESSION['uid'];
          // echo $_SESSION['email'];
          // echo $_SESSION['password'];
        ?>
```

```php
        <a class="ablue" href="<?=
base_url("/BookEntryController") ?>">Book Entry</a>
        <a class="ablue" href="<?=
base_url("/UserInfoController") ?>">User Info</a>
        <a class="ablue" href="<?=
base_url("/LogoutController") ?>">Logout</a>
      <?php
      } else {
      ?>
        <a class="ablue" href="<?=
base_url("/LoginController") ?>">Login</a>
        <a class="ablue" href="<?=
base_url("/SignupController") ?>">SignUp</a>
      <?php
      }
      ?>


      <div class="search-container">
        <form action="/BookInfoController/search"
method="POST">
          <input type="text" placeholder="Search
book name" name="search">
          <button type="submit"><i class="fa fa-
search"></i></button>
        </form>
      </div>
    </div>
  </div>
```

```html
<div class="label h2 my-3 text-center bg-success">
Check out Successful</div> <b> <hr> </b>

</body>
<footer class="footer bg-secondary row 3 p-4 my-4
text-center" style="position: fixed; left:0;
bottom:0; width:100%;"> <h3> All Rights
Reserved  &copy;Libro </h3>
</footer>
</html>
```

Bootstrap copy.css File:

```css
.header {
  overflow: hidden;
  background-color: #BDD7EE;
  /* 13a397   f1f1f1 */
  padding: 20px 10px;
}

.btn-color {
  color: rgb(4, 4, 49);
  background-color: #9ab1f7;
  border-color: #03142d;
  font-weight: bold;
}
```

```css
/*margin*/
.mx-10 {
  margin-right: 25rem !important;
  margin-left: 25rem !important;
}

/* Style the header links */
.header a {
  float: left;
  color: black;
  text-align: center;
  margin: 4px;
  padding: 8px;
  text-decoration: none;
  font-size: 18px;
  line-height: 25px;
  border-radius: 4px;
}

/* Style the logo link (notice that we set the same
value of line-height and font-size to prevent the
header to increase when the font gets bigger */
.header a.logo {
  font-size: 25px;
  font-weight: bold;
}
.form-controlc {
  display: block;
```

```css
  width: 100%;
  padding: 0.375rem 0.75rem;
  font-size: 1rem;
  font-weight: 400;
  line-height: 1.5;
  color: #212529;
  background-color: rgb(108, 190, 241);
  background-clip: padding-box;
  border: 1px solid #0f3c69;
  -webkit-appearance: none;
  -moz-appearance: none;
  appearance: none;
  border-radius: 0.25rem;
  transition: border-color 0.15s ease-in-out, box-
shadow 0.15s ease-in-out;
}
/* Change the background color on mouse-over */
.header a:hover {
  /* background-color: #ddd; */
  background-color: #f5f5f5;
  color: black;
}
.text-center{
  text-align: center;
}
div.float-left{
  float:left;
}
```

```css
div.float-right{
  float:right;
}
div.float-center{
  float:center;
}
input.sign-btn:hover{
  background: #9bb8fb;
}
/* Style the active/current link*/
.header a.active {
  background-color: rgb(64, 80, 95);
  color: white;


}
.header a.activeblue {
  /* background-color: rgb(94, 170, 245); */
  background-color: #8bc0f0;
  color: rgb(15, 23, 79);
  font-size: x-large;
  font-weight: bold;
  font-family:serif;
}
.bg-bluee{
  /* background-color: #f8f9fa !important; */
  background-color: #2c3451;
}
.header a.ablue {
```

```css
    /*background-color: rgb(67, 159, 240);*/
    color: rgb(15, 23, 79);
    font-size: larger;
    font-weight: bold;
    font-family:serif;
}
/* Float the link section to the right */
.header-right {
    float: right;
}
.header .search-container {
    float: right;
}
.header input[type=text] {
    padding: 6px;
    margin-top: 8px;
    font-size: 17px;
    border: none;
}
.header .search-container button {
    float: rght;
    padding: 6px 10px;
    margin-top: 8px;
    margin-right: 16px;
    background: #ddd;
    font-size: 17px;
    border: none;
    cursor: pointer;
```

```css
}

.header .search-container button:hover  {
  background: #ccc;
}
 /* Add media queries for responsiveness - when the
screen is 500px wide or less, stack the links on
top of each other */
 @media screen and (max-width: 500px) {
  .header a {
    float: none;
    display: block;
    text-align: left;
  }
  .header-right {
    float: none;
  }
  .header input[type=text] {
    border: 1px solid #ccc;
  }
}
@media screen and (max-width: 600px) {
  .header .search-container {
    float: none;
  }
  .header a, .header input[type=text], .header
.search-container button {
    float: none;
```

```css
    display: block;
    text-align: left;
    width: 100%;
    margin: 0;
    padding: 14px;
  }
  .header input[type=text] {
    border: 1px solid #ccc;
  }



}
```