# Sertifikasi

by

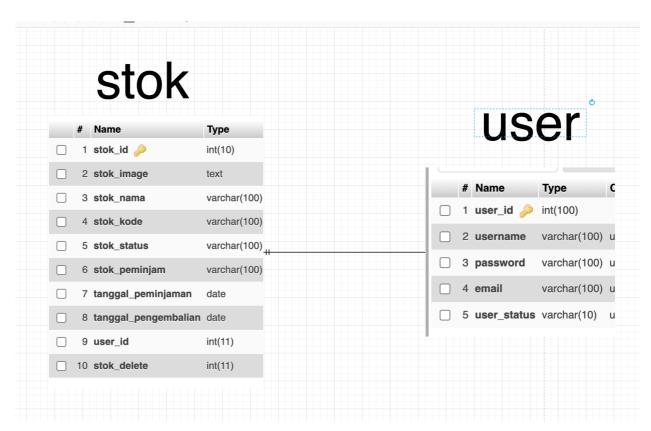
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Prodi : ISB

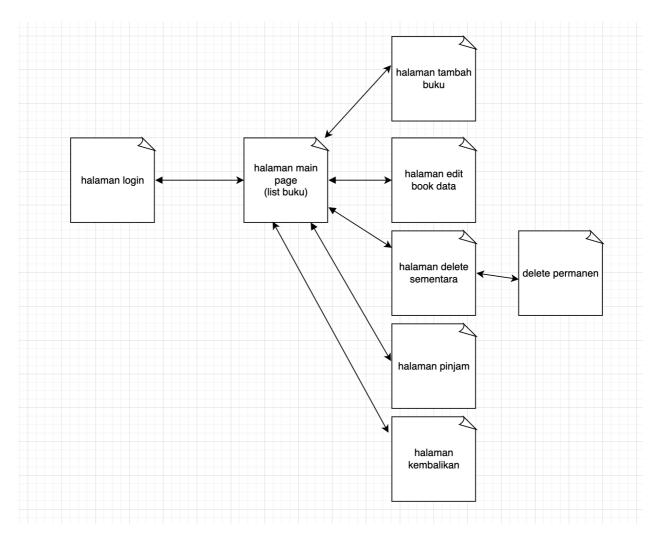
Github Link

https://github.com/alvinhariyono/sertifikasi.git

## **ERD**



## APP FLOW



## UNIT TEST

st Scenario #	Requirement ID	Test Scenario Description	Test Cases	
			1. masuk website	
			2. mengisi username dan password	
			3. tekan login	
1	S1.1	Check the Login Functionality	4. ketika muncul alrt tekan ok	
			1. setelah login, akan ke direct ke home page	
			2. tekan tombol pinjam pada buku yang mau di pinjam, dan otomatis ke direct ke halaman pinjam	
			3. masukkan nama peminjam	
2	S1.2	pinjam buku	4. tekan tombol Pinjam	
			1. setelah login, akan ke direct ke home page	
			2. tekan tombol kembalikan pada buku yang mau di kembalikan, dan otomatis ke direct ke halaman kembalikan	
3	\$1.3	kembalikan buku	3.tekan tombol kembalikan	
			1. setelah login, akan ke direct ke home page	
			2. tekan tombol edit pada buku yang mau di edit, dan otomatis ke direct ke halaman edit	
			3. edit yang perlu anda update	
4	S1.4	edit /update buku	4.tekan tombol update	
			1. setelah login, akan ke direct ke home page	
			2. tekan tombol add books, dan otomatis ke direct ke halaman add books	
			3. masukan info buku	
5	\$1.5	tambah buku	4.tekan tombol add Font	
			1. setelah login, akan ke direct kenome page	
			2. tekan tombol delete pada buku yang mau di delete, dan otomatis buku ter delete dan di pindahkan ke halaman recycle bin	
6	\$1.6	delete non permanen		
			1. setelah melakukan prosedur delete non permanen	
			2. klik tombol recycle bin	
7	S1.7	delete permanen	3. klik tombol delete permanen	
			1. setelah melakukan prosedur delete non permanen	
			2. klik tombol recycle bin	
8	S1.8	membatalkan delete non permnen	3. klik tombol urungkan delete	
			tekan tombol logout	
9	\$1.9	logout	tekan tombol logout	i

#### 1. LOGIN

meggunakan index.php untuk menyimpan kondisi sudah terlogin atau belum, lalu masuk ke login.php untuk tampilan , dan pengecekan dilakukan jslogin.php

index.php

```
ertifikasi > 💝 index.php > ...
     <?php
 2
      session_start();
      if (!isset($_SESSION['userlogin'])) {
 5
          header("Location: view/login.php");
      if (isset($_GET['logout'])) {
 9
          session_destroy();
10
          unset($ SESSION);
11
          header("Location: view/login.php");
12
13
      }
14
15
      ?>
16
17
      Welcome to index
18
19
     <a href="index.php?logout=true">Logout</a>
20
```

## login.php

```
ertifikasi > view > 💝 login.php > 🔗 html > 쉱 body
67
             <script src="http://code.jquery.com/jquery-3.3.1.min.js" integrity="sha256-FgpCb/KJQlLNf0u91ta320</pre>
             <script type="text/javascript" src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstr</pre>
             <script>
                     $('#login').click(function(e) {
                          var valid = this.form.checkValidity();
                          if (valid) {
                              var username = $('#username').val();
                              var password = $('#password').val();
                          e.preventDefault();
                          $.ajax({
                             type: 'POST',
                              data: {
                                  username: username,
                                  password: password
                              success: function(data) {
                                  alert(data);
                                  if ($.trim(data) === "login sukses") {
                                      setTimeout(' window.location.href = "../view/mainpage.php"', 1000);
                              error: function(data) {
                                  alert('there were erros while doing the operation.');
```

## jslogin.php

```
sertifikasi > model > 💏 jslogin.php > ...
      <?php
      session_start();
      require_once('config.php');
      $username = $_POST['username'];
      $password = $_POST['password'];
      $_SESSION['user_login'] = $username;
10
11
      $sql = "SELECT * FROM user WHERE username = ? AND password = ? LIMIT 1";
      $stmtselect = $db->prepare($sql);
12
      $result = $stmtselect->execute([$username, $password]);
13
15
16
17
      if ($result) {
          $user = $stmtselect->fetch(PDO::FETCH_ASSOC);
20
          if ($stmtselect->rowCount() > 0) {
21
              $_SESSION['userlogin'] = $user;
23
              echo 'login sukses';
          } else {
25
              echo 'username atau password salah';
27
      } else {
28
          echo 'There were errors while connecting to database.';
29
30
```

#### 2. LOGOUT

menggunkan perintah html sebagai berikut

```
?>
<html>
<a class="btn btn-primary" href="../index.php?logout=true">Logout</a>
<br>
```

## 3. Home Page display

menggunan kode sebagai berikut

```
<html>
<h1>H0ME PAGE</h1>
</html>
session_start();
echo "Hai, " . $_SESSION['user_login'];
include_once("../model/config.php");
$result = mysqli_query($mysqli, "SELECT * FROM stok where stok_delete = '0' ORDER
BY stok_id ASC");
<html>
<a class="btn btn-primary" href="../index.php?logout=true">Logout</a>
   <title>Home page</title>
<body>
   <a href="add.php">Add books</a><br />
   <a href="add_user.php">Add user</a><br />
   <a href="recycle_bin.php">Recycle bin</a><br /> <br />
```

```
Stok_id
          Image
          judul buku
          kode buku
          status buku
          nama peminjam
          tanggal peminjaman
          tanggal pengembalian
          ID admin pengurus
      <?php
      while ($book_data = mysqli_fetch_array($result)) {
          echo "";
          echo "" . $book_data['stok_id'] . "";
          echo "" . "<img src='../upload/" . $book_data['stok_image'] . "'</pre>
height='130' width='150' >" . "";
          echo "" . $book_data['stok_nama'] . "";
          echo "" . $book_data['stok_kode'] . "";
          echo "" . $book_data['stok_status'] . "";
          echo "" $book_data['stok_peminjam'] "";
          echo "" . $book_data['tanggal_peminjaman'] . "";
          echo "" . $book_data['tanggal_pengembalian'] . "";
          echo "" . $book_data['user_id'] . "";
          echo " <a
href='pinjam.php?stok_id=$book_data[stok_id]'>Pinjam</a>|<a</pre>
href='kembalikan.php?stok_id=$book_data[stok_id]'>Kembalikan</a> |<a</pre>
href='edit.php?stok_id=$book_data[stok_id]'>Edit</a> | <a</pre>
href='../model/sent_to_bin.php?stok_id=$book_data[stok_id]'>Delete</a>";
   </body>
```

#### 4. Edit

```
<html>
<h1>EDIT PAGE</h1>
</html>
// include database connection file
include_once("../model/config.php");
// Check if form is submitted for user update, then redirect to homepage after
update
if (isset($_POST['update'])) {
    $stok id = $ POST['stok id'];
    $stok nama = $ POST['stok nama'];
    $stok_kode = $_POST['stok_kode'];
    $stok_status = $_POST['stok_status'];
    $stok_peminjam = $_POST['stok_peminjam'];
    $tanggal_peminjaman = $_POST['tanggal_peminjaman'];
    $tanggal_pengembalian = $_POST['tanggal_pengembalian'];
    // update book data
    $result = mysqli_query(
        $mysqli,
        "UPDATE `stok` SET `stok_id` = '$stok_id ', `stok_nama` = '$stok_nama',
 stok_kode` = '$stok_kode', `stok_status` = '$stok_status', `stok_peminjam` =
'$stok_peminjam', `stok_delete` = '0' WHERE `stok`.`stok_id` = '$stok_id'"
    );
    // Redirect to homepage to display updated user in list
    header("Location: mainpage.php");
// Display selected book data based on id
// Getting id from url
session start();
include_once("../model/config.php");
$stok_id = $_GET['stok_id'];
// Fetech user data based on id
$result = mysqli_query($mysqli, "SELECT * FROM stok WHERE stok_id=$stok_id");
while ($book data = mysqli fetch array($result)) {
    $stok_id = $book_data['stok_id'];
    $stok_nama = $book_data['stok_nama'];
    $stok_kode = $book_data['stok_kode'];
    $stok status = $book data['stok status'];
    $stok peminjam = $book data['stok peminjam'];
```

```
$tanggal_peminjaman = $book_data['tanggal_peminjaman'];
   $tanggal_pengembalian = $book_data['tanggal_pengembalian'];
         stok nama
         stok_status
         stok_peminjam
         tanggal_peminjaman
         tanggal_pengembalian
<head>
  <title>Edit User Data</title>
   <a href="mainpage.php">back to Home Page</a>
   <form name="update_buku" method="post" action="edit.php">
      stok_id
            <input type="text" size=100 name="stok_id" value="<?php echo
$stok_id; ?>">
         stok_nama
            <input type="text" size=100 name="stok_nama" value="<?php echo</pre>
$stok_nama; ?>">
         stok_kode
            <input type="text" size=100 name="stok_kode" value="<?php echo
$stok_kode; ?>">
         stok_status
            <input type="text" size=100 name="stok_status" value="<?php
echo $stok_status; ?>">
         stok_peminjam
            <input type="text" size=100 name="stok_peminjam" value="<?php
```

#### 5. Tambah uuku

```
<html>
<h1>ADD BOOK PAGE</h1>
</html>
  <title>Add book</title>
<body>
   <a href="mainpage.php">Back to Home Page</a>
        stok_nama
        stok_status
        stok_peminjam
        tanggal_peminjaman
        tanggal_pengembalian
   <form action="add.php" method="post" name="form1" enctype="multipart/form-</pre>
data">
      stok_nama
           <input type="text" name="stok_nama">
        stok_kode
           <input type="text" name="stok_kode">
        Image
           <input type="file" name="image" id="fileToUpload">
           <input type="submit" name="Submit" value="Add">
```

```
</form>
    session_start();
    include once("../model/config.php");
    $array_user = $_SESSION['userlogin'];
    $user_login_id = $array_user['user_id'];
    // Check If form submitted, insert form data into users table.
    if (isset($ POST['Submit'])) {
        $stok_nama = $_POST['stok_nama'];
        $stok_kode = $_POST['stok_kode'];
        // include database connection file
        include_once("../model/config.php");
        // Insert user data into table
        $result = mysqli_query($mysqli, "INSERT INTO
stok(stok_id,stok_nama,stok_kode,stok_peminjam,user_id,stok_delete)
VALUES(NUll, '$stok_nama', '$stok_kode', '-', '$user_login_id',0)");
        echo "buku berhasil di tambah. <a href='mainpage.php'>view stok buku</a>";
    if (isset($_POST['Submit'])) {
        $name = $_POST['name'];
        $email = $_POST['email'];
        $mobile = $_POST['mobile'];
        // include database connection file
        include_once("config.php");
        // Insert user data into table
VALUES('$name','$email','$mobile')");
        echo "User added successfully. <a href='mainpage.php'>View Users</a>";
```

*/ ?>			

#### 6. Pinjam buku

```
<h1>PINJAM</h1>
</html>
<?php
session_start();
include_once("../model/config.php");
$array_user = $_SESSION['userlogin'];
$user_login_id = $array_user['user_id'];
// Check if form is submitted for user update, then redirect to homepage after
update
if (isset($_POST['update'])) {
    $stok_id = $_POST['stok_id'];
    $stok_nama = $_POST['stok_nama'];
    $stok_kode = $_POST['stok_kode'];
    $stok status = 'unavailable';
    $stok_peminjam = $_POST['stok_peminjam'];
    $tanggal_peminjaman = $_POST['tanggal_peminjaman'];
    $tanggal_pengembalian = $_POST['tanggal_pengembalian'];
    $user_id = $user_login_id;
    echo $stok_id;
    echo $stok_nama;
    echo $stok_kode;
    echo $stok_status;
    echo $stok_peminjam;
    echo $tanggal_peminjaman;
    echo $tanggal_pengembalian;
    echo $user_id;
    // update book data
    $result = mysqli_query($mysqli, " UPDATE `stok` SET `stok_status` =
'$stok_status', `stok_peminjam` = '$stok_peminjam', `tanggal_peminjaman` =
'$tanggal_peminjaman', `tanggal_pengembalian` = '$tanggal_pengembalian', `user_id`
= '$user_id' WHERE `stok`.`stok_id` = '$stok_id'");
    // Redirect to homepage to display updated user in list
    header("Location: mainpage.php");
          echo "<script type='text/javascript'>alert('$message');</script>";}
```

```
// Display selected book data based on id
session_start();
$stok_id = $_GET['stok_id'];
// Fetech user data based on id
$result = mysqli_query($mysqli, "SELECT * FROM stok WHERE stok_id=$stok_id");
$date = strtotime("+7 day");
while ($book_data = mysqli_fetch_array($result)) {
   $stok_id = $book_data['stok_id'];
   $stok_nama = $book_data['stok_nama'];
   $stok_kode = $book_data['stok_kode'];
   $stok_status = $book_data['stok_status'];
   $stok_peminjam = $book_data['stok_peminjam'];
   $tanggal_peminjaman = date("Y-m-d");
   $tanggal_pengembalian = date('Y-m-d', $date);
   $user_id = $book_data['user_id'];
   stok_id
           stok_nama
           stok_peminjam
           tanggal_peminjaman
           tanggal_pengembalian
   <title>pinjam buku</title>
   <a href="mainpage.php">back to Home Page</a>
   echo "hari ini tanggal " . date("Y-m-d") . "<br>";
```

```
$date = strtotime("+7 day");
   echo "<br> ";
   <form name="update" method="post" action="pinjam.php">
      stok_id
           <?php echo $stok_id; ?>
        stok_nama
           <?php echo $stok_nama; ?>
        stok_kode
           <?php echo $stok_kode; ?>
        stok_status
           <?php echo $stok_status; ?>
        stok_peminjam
            <input type="text" size=100 name="stok_peminjam" value="<?php
echo $stok_peminjam; ?>">
        tanggal_peminjaman
           <?php echo $tanggal_peminjaman; ?>
        tanggal_pengembalian
           <?php echo $tanggal_pengembalian; ?>
        user_id
           <?php echo $user_login_id; ?>
         <input type="hidden" name="stok_nama" value="<?php echo
$stok_nama; ?>">
           <input type="hidden" name="stok_kode" value="<?php echo
$stok_kode; ?>">
```

#### 7. Kembalikan Buku

```
<html>
<h1>KEMBALIKAN PAGE</h1>
</html>
session_start();
include once("../model/config.php");
// isi dari session user login
$array_user = $_SESSION['userlogin'];
$user_login_id = $array_user['user_id'];
// Check if form is submitted for user update, then redirect to homepage after
update
if (isset($_POST['update'])) {
    $stok_id = $_POST['stok_id'];
    $stok_nama = $_POST['stok_nama'];
    $stok_kode = $_POST['stok_kode'];
    $stok status = 'available';
    $stok_peminjam = '-';
    $tanggal_peminjaman = 'NULL';
    $tanggal_pengembalian = 'NULL';
    $user_id = $user_login_id;
    echo $stok_id;
    echo $stok_nama;
    echo $stok_kode;
    echo $stok_status;
    echo $stok_peminjam;
    echo $tanggal_peminjaman;
    echo $tanggal_pengembalian;
    echo $user_id;
    // update book data
    $result = mysqli_query($mysqli, " UPDATE `stok` SET `stok_status` =
'$stok_status', `stok_peminjam` = '$stok_peminjam', `tanggal_peminjaman` = null,
 tanggal_pengembalian` = null, `user_id` = '$user_id' WHERE `stok`.`stok_id` =
'$stok_id'");
    // Redirect to homepage to display updated user in list
    header("Location: mainpage.php");
 /else {      echo "<script type='text/javascript'>alert('$message');</script>";}
```

```
// Display selected book data based on id
session_start();
$stok_id = $_GET['stok_id'];
// Fetech user data based on id
$result = mysqli_query($mysqli, "SELECT * FROM stok WHERE stok_id=$stok_id");
$date = strtotime("+7 day");
while ($book_data = mysqli_fetch_array($result)) {
   $stok_id = $book_data['stok_id'];
   $stok_nama = $book_data['stok_nama'];
   $stok_kode = $book_data['stok_kode'];
   $stok_status = $book_data['stok_status'];
   $stok_peminjam = $book_data['stok_peminjam'];
   $tanggal_peminjaman = date("Y-m-d");
   $tanggal_pengembalian = date('Y-m-d', $date);
   $user_id = $book_data['user_id'];
   stok_id
           stok_nama
           stok_peminjam
           tanggal_peminjaman
           tanggal_pengembalian
   <title>pinjam buku</title>
   <a href="mainpage.php">back to Home Page</a>
   echo "hari ini tanggal " . date("Y-m-d") . "<br>";
```

```
$date = strtotime("+7 day");
   echo "<br> ";
   <form name="update" method="post" action="kembalikan.php">
      stok_id
           <?php echo $stok_id; ?>
        stok_nama
           <?php echo $stok_nama; ?>
        stok_kode
           <?php echo $stok_kode; ?>
         stok_status
           <?php echo $stok_status; ?>
        stok_peminjam
           <?php echo $stok_peminjam; ?>
        tanggal_peminjaman
           <?php echo $tanggal_peminjaman; ?>
        tanggal_pengembalian
           <?php echo $tanggal_pengembalian; ?>
        user_id
           <?php echo $user_login_id; ?>
        <input type="hidden" name="stok_nama" value="<?php echo
$stok_nama; ?>">
           <input type="hidden" name="stok_kode" value="<?php echo
$stok_kode; ?>">
            <input type="hidden" name="stok_status" value="<?php echo
$stok_status; ?>">
```

## 8. Delete buku secara tidak permanen

```
<html>
<h1>RECYLE BIN</h1>
</html>
<?php
session_start();
echo "Hai, " . $_SESSION['user_login'];
include_once("../model/config.php");
$result = mysqli_query($mysqli, "SELECT * FROM stok where stok_delete = '1' ORDER
BY stok_id ASC");
<title>RECYLE BIN</title>
<a class="btn btn-primary" href="../index.php?logout=true">Logout</a>
</html>
   <title>Rcycle bin</title>
   <a href="mainpage.php">back to Home Page</a><br /> <br />
   stok_id
         Image
         judul buku
         kode buku
          status buku
         nama peminjam
         tanggal peminjaman
         tanggal pengembalian
         no admin pengurus
      while ($book_data = mysqli_fetch_array($result)) {
         echo "";
```

```
echo "" . $book_data['stok_id'] . "";
          echo "" . "<img src='../upload/" . $book_data['stok_image'] . "'</pre>
height='130' width='150' >" . "";
          echo "" . $book_data['stok_nama'] . "";
          echo "" . $book_data['stok_kode'] . "";
          echo "" . $book_data['stok_status'] . "";
          echo "" . $book_data['stok_peminjam'] . "";";
          echo "" . $book_data['tanggal_peminjaman'] . "";
          echo "" . $book_data['tanggal_pengembalian'] . "";
          echo "" . $book_data['user_id'] . "";
          echo " <a
href='../model/urungkan_delete.php?stok_id=$book_data[stok_id]'>Urungkan delete</a>
| <a href='../model/delete.php?stok_id=$book_data[stok_id]'>Delete
Permanen</a>";
   </body>
```

## 9. urungkan delete buku

```
<?php
// include database connection file
include_once("../model/config.php");
session_start();
// Get id from URL to delete that user
$stok_id = $_GET['stok_id'];

// Delete user row from table based on given id
$result = mysqli_query($mysqli, "UPDATE `stok` SET `stok_delete` = '0' WHERE
`stok`.`stok_id` = '$stok_id'");

// After delete redirect to Home, so that latest user list will be displayed.
header("Location: ../view/recycle_bin.php");</pre>
```

## 10. delete buku permanen

```
<?php
session_start();
include_once("../model/config.php");

$stok_id = $_GET['stok_id'];
echo $stok_id;

$result = mysqli_query($mysqli, " UPDATE `stok` SET `stok_delete` = '1' WHERE
`stok`.`stok_id` = '$stok_id'");

header("Location: ../view/mainpage.php");</pre>
```