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| **Logo_Baru-Rasmi_UUM_02** | STIW3044: Web Engineering Semester A212School of Computing, CAS, UUM **FRONT COVER** |
| **Lab 3** | |
| |  |  | | --- | --- | | **Name** | Juanrico Alvaro | | **Matric No** | 702301 | | **YouTube Presentation Link** | https://youtu.be/kA-g0ajvE48 | | **Phone Number** | (+60)136798361 / (+62)81283185508 | | **GitHub Link** | https://github.com/victorico123/UUM-WebEngineering-Lab-2 | | **Submission Date** | 23/6/2022 | | **Acknowledgment** | I hereby acknowledge that the following works are from my effort in submitting this document. If found otherwise, severe action such as marks deduction or removal from the assignment can be taken against me. | | **Digital Signature** |  | | **Students Picture** |  | | **Email use during book purchase** | - | | **Your digital key from the book purchase** | - | | |

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| **Logo_Baru-Rasmi_UUM_02** | STIW3044: Web Engineering Semester A212School of Computing, CAS, UUM |
| Lab 3 | |
| Given date: **19/6/2022**  Submission date**: 24/6/2022**  **15 Marks** | |

**Instruction**

This assignment is a continuation of your midterm assignment **MY Tutor** app.

Answer the following questions. Don’t show the entire code. Just select a segment of the codes responsible for the required questions. Make sure to retain the code format from VSC when you paste it into the Word document. Don’t screenshot your code!.

Based on the tasks above answer the following questions

1. Implement the subjects/courses search function from your subject/courses list page. Add more subjects/course data to your database.
   1. Div section for the search function. (HTML code)

(3 Marks)

<div style="display:flex; flex-wrap:wrap;">

        <h1>Courses</h1>

        <button class="btn btn-primary" style="height: 38px; width:50px; align-self:center; margin-left:20px;" type="button" data-bs-toggle="collapse" data-bs-target="#searchDiv" aria-expanded="false" aria-controls="collapseExample">

          <i class="fa fa-search" style="color: white;" aria-hidden="true"></i>

        </button>

      </div>

      <div class="mx-4 collapse" style="max-width: 500px;" id="searchDiv">

        <form class="form w-auto my-auto" action="course.php" Method="GET">

          <input class="form-control mr-sm-2" type="search" placeholder="Search by Course Name" name="search\_query">

          <div class=" d-md-flex w-auto my-2">

            <select class="form-select" name="order">

              <option selected value="">Order by</option>

              <option value="subject\_name">Name</option>

              <option value="subject\_rating">Rating</option>

              <option value="subject\_price">Price</option>

              <option value="subject\_sessions">Session</option>

            </select>

            <input type="radio" class="btn-check" name="from" id="option1" autocomplete="off" value="asc" checked>

            <label class="form-control btn-outline-primary btn" style="height: 38px; margin:2px; max-width:110px;" for="option1">Ascending</label>

            <input type="radio" class="btn-check" name="from" id="option2" autocomplete="off" value="desc">

            <label class="form-control btn-outline-primary btn" style="height: 38px; margin:2px; max-width:110px;" for="option2">Descending</label>

          </div>

          <button class="btn form-control btn-primary my-sm-0 my-2" style="height: 38px; " type="submit">Search</button>

        </form>

        <br>

      </div>

* 1. Backend code section handling the search function (PHP section)

(3 Marks)

$limit = 10;

$page = (isset($\_GET['page']) && is\_numeric($\_GET['page'])) ? $\_GET['page'] : 1;

$paginationStart = ($page - 1) \* $limit;

$searchQuery = "";

$fromQuery = "";

$orderQuery = "";

if (isset($\_GET['order'])) {

  if ($\_GET['order'] != '') {

    $orderGet = $\_GET['order'];

    $orderQuery = "ORDER BY $orderGet";

    if (isset($\_GET['from'])) {

      if ($\_GET['from'] != '') {

        $fromQuery = $\_GET['from'];

      }

    }

  }

}

if (isset($\_GET['search\_query'])) {

  if ($\_GET['search\_query'] != '') {

    $searchGet = $\_GET['search\_query'];

    $searchQuery = "WHERE subject\_name LIKE '%$searchGet%'";

  }

}

$sqlSubject = "SELECT \* FROM tbl\_subjects $searchQuery $orderQuery $fromQuery LIMIT $paginationStart, $limit";

$stmt = $conn->prepare($sqlSubject);

$stmt->execute();

$result = $stmt->get\_result();

$sql = $conn->query("SELECT count(subject\_id) AS id FROM tbl\_subjects $searchQuery")->fetch\_assoc();

$allRecrods = $sql['id'];

$totalrows = $result->num\_rows;

$totalPage = ceil($allRecrods / $limit);

$prev = $page - 1;

$next = $page + 1;

* 1. Screenshots

(1 Marks)

A screenshot of a computer

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1. Implement the get subject details from the subject list page. The page should display detail for the selected subject.
   1. Backend code section handling the loading of the selected subject (PHP section)

(3 Marks)

$sqlSubject = "SELECT \* FROM tbl\_subjects $searchQuery $orderQuery $fromQuery LIMIT $paginationStart, $limit";

$stmt = $conn->prepare($sqlSubject);

$stmt->execute();

$result = $stmt->get\_result();

$sql = $conn->query("SELECT count(subject\_id) AS id FROM tbl\_subjects $searchQuery")->fetch\_assoc();

$allRecrods = $sql['id'];

$totalrows = $result->num\_rows;

$totalPage = ceil($allRecrods / $limit);

$prev = $page - 1;

$next = $page + 1;

 while ($row = $result->fetch\_assoc()) {

            $currCourseId = $row['subject\_id'];

            $sqlTutorCourses = "SELECT \* FROM tbl\_tutors AS tt , tbl\_subjects AS ts WHERE tt.tutor\_id = ts.tutor\_id AND ts.subject\_id = $currCourseId";

            $stmt2 = $conn->prepare($sqlTutorCourses);

            $stmt2->execute();

            $result2 = $stmt2->get\_result();

            $tutorName = "";

* 1. Div section for the subject details function. (HTML code)

(3 Marks)

 while ($row = $result->fetch\_assoc()) {

            $currCourseId = $row['subject\_id'];

            $sqlTutorCourses = "SELECT \* FROM tbl\_tutors AS tt , tbl\_subjects AS ts WHERE tt.tutor\_id = ts.tutor\_id AND ts.subject\_id = $currCourseId";

            $stmt2 = $conn->prepare($sqlTutorCourses);

            $stmt2->execute();

            $result2 = $stmt2->get\_result();

            $tutorName = "";

          ?>

            <div class="col-12 col-md-6 col-lg-4">

              <div class="card h-100">

                <div class="align-self-center justify-content-center embed-responsive embed-responsive-4by3">

                  <img class="card-img-top embed-responsive-item" src="../assets/courses/<?php echo $row['subject\_id']; ?>.png" class="card-img" alt="...">

                </div>

                <div class="card-body">

                  <h5 class="card-title">

                    <?php echo $row['subject\_name']; ?>

                  </h5>

                  <p class="card-text">

                    <?php

                    $out = strlen($row['subject\_description']) > 50 ? substr($row['subject\_description'], 0, 50) . "..." : $row['subject\_description'];

                    echo $out;

                    ?>

                  </p>

                  <div style="display:flex; width:100%;  flex-wrap: wrap;">

                    <?php

                    if ($result2->num\_rows > 0) {

                      while ($row2 = $result2->fetch\_assoc()) {

                    ?>

                        <div class="text-muted" style="margin-right:30px;"><b>Tutor :</b>

                          <?php $tutorName = $row2['tutor\_name'];

                          echo $row2['tutor\_name']; ?>

                        </div>

                    <?php

                      }

                    } else {

                      echo "<b>NO TUTOR AVAILABILE</b>";

                    }

                    ?>

                    <p class="text-muted"><b>Subject Sessions :</b>

                      <?php echo $row['subject\_sessions']; ?>

                    </p>

                  </div>

                  <div style="display:flex; width:100%; flex-wrap: wrap;">

                    <b class="card-text text-warning" style="font-size: 20px;margin-right:30px;"><span class="fa fa-star checked"></span>

                      <?php echo $row['subject\_rating']; ?>

                    </b>

                    <br>

                    <p class="card-text text-success" style="font-size: 20px;">RM

                      <?php echo $row['subject\_price']; ?>

                    </p>

                  </div>

                  <a href="" class="stretched-link" data-bs-toggle="modal" data-bs-target="#DetailModal<?= $row['subject\_id']; ?>"></a>

                </div>

              </div>

            </div>

            <div class="modal fade" id="DetailModal<?= $row['subject\_id']; ?>" tabindex="-10" aria-labelledby="DetailCourseLabel" aria-hidden="true">

              <div class="modal-dialog modal-lg modal-dialog-centered modal-dialog-scrollable">

                <div class="modal-content">

                  <div class="modal-header">

                    <h5 class="modal-title" id="DetailCourseLabel">Course Detail</h5>

                    <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

                  </div>

                  <div class="modal-body">

                    <h3><?php echo $row['subject\_name']; ?></h3>

                    <p><?php echo $row['subject\_description']; ?></p>

                    <div class="my-1" style="display:flex; width:100%; flex-wrap: wrap;">

                      <div style="font-size: 20px;margin-right:30px;">

                        <b>Tutor : </b>

                        <span><?php echo $tutorName ?></span>

                      </div>

                      <br>

                      <div style="font-size: 20px;">

                        <b>Session : </b>

                        <span><?php echo $row['subject\_sessions']; ?></span>

                      </div>

                    </div>

                    <div class="my-1" style="display:flex; width:100%; flex-wrap: wrap;">

                      <div style="font-size: 20px; margin-right:30px;">

                        <b>Rating : </b>

                        <span class="text-warning"> <span class="fa fa-star checked"></span>

                          <?php echo $row['subject\_rating']; ?>

                        </span>

                      </div>

                      <br>

                      <div style="font-size: 20px;">

                        <b>Price : </b>

                        <span class="text-success"> RM

                          <?php echo $row['subject\_price']; ?>

                        </span>

                      </div>

                    </div>

                  </div>

                  <div class="modal-footer">

                    <button type="button" class="btn btn-danger" style="height: 38px; width: 100px;" data-bs-dismiss="modal">Close</button>

                  </div>

                </div>

              </div>

            </div>

          <?php

          }

          ?>

* 1. Screenshots

(1 Marks)

A screenshot of a computer

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1. Create and publish a YouTube presentation to demonstrate both questions 1 and 2.

(1 Marks)

<https://youtu.be/kA-g0ajvE48>

Submission

* This document submit to the learning system when the link is open for submission.
* Upload your project to your GitHub Repository (provide the link on the front page).