**CSC318: DYNAMIC WEB APPLICATION DEVELOPMENT**

**HTML & JAVASCRIPT & PHP (20%)**

 **Project 2 (Group):**

**Submission: Weak 14**

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| --- | --- | --- | --- | --- |
| **Course Outcomes** | **CO1** | **CO2** | **CO3** | **CO4** |
| **Learning Outcomes** | **LO1, LO3** | **LO1, LO3** | **LO2, LO3, LO4, LO6** | **LO2, LO3, LO4, LO6** |

Each group is required to develop a simple system using PHP and MySQL. Please ensure you fulfill all requirements below in order to be graded.

**A. Process requirements**

1. Login

2. Add new data (INSERT)

3. Edit existing data (UPDATE)

4. Delete existing data (DELETE)

5. Display data with/out condition(s) (SELECT)

6. Searching (SELECT)

7. Display a message once the processes are completed. Each process should has unique message

8. Perform calculation in JavaScript/ASP (e.g. sum up total charges of product order)

**B. System requirements**

1. Main HTML file **MUST** be named as ***index.php***

2. Provide proper and smooth navigation (hyperlinks)

3. **MUST** have necessary HTML elements especially HTML form elements

**C. Content requirements**

1. Provide appropriate contents related to project scope (e.g. information, pictures, etc)

2. Content should be displayed in a proper manner if necessary (e.g. using HTML table)

3. Provide ERD for your database.

**D. Group members’ information**

1. Create **one** hyperlink that will display group members’ information

2. Information should contain:

a. Name

b. Picture

c. Student Number and NRIC Number

d. Program code and name

e. Group/Class: KCS1104B

f. Email

3. Information **MUST** be displayed in a **HTML table**

**Group Members: Project Presentation:**

1. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**20%**

**60**

1. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Description: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
3. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PROJECT 2 GRADING RUBRIC:**

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| --- | --- |
| **Category** | **Remarks/Marks** |
| **Poor** | **Mediocre** | **Good** | **Very Good** | **Excellent** |
| **System navigation**  | **1** | **2** | **3** | **4** | **5** |
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| --- |
| Used correct codes to produce organized and smooth navigation |

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| Incorrect code and not organized | Correct code and somewhat organized | Good, correct code, somewhat organized | Very Good, correct code, organized, smooth | Excellent and appropriate appearance provided |
| **Information delivery** | **1** | **2** | **3** | **4** | **5** |
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| Able to deliver sufficient and clear information in a proper manner |

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| Unorganized information delivery | Somewhat organized in delivering information | Good but not perfect | Excellent | Outstanding, clear and smooth information delivery |
| **Developer’s creativity on web design** | **1** | **2** | **3** | **4** | **5** |
| Able to apply creativity in a creation of website |
| Too simple | Somewhat good web design | Good | Excellent, proper web design | Outstanding, similar with commercial web sites |
| **Form elements** | **1** | **2** | **3** | **4** | **5** |
| Websites contains form elements, more elements are better |
| Do not contain form elements | Contain form elements but has code error | Good and do not have code error | Very good, variety of elements | Excellent and appropriate appearance applied |
| **ERD** | **1** | **2** | **3** | **4** | **5** |
| Able to draw clear ERD with the correct notation, attributes and connectivity that relate to the project |
| Unable to fulfill requirements | Fulfill less requirements | Good but not perfect | Excellent | Outstanding |
| **Category** | **Remarks/Marks** |
| **Poor** | **Mediocre** | **Good** | **Very Good** | **Excellent** |
| **LOGIN** | **1** | **2** | **3** | **4** | **5** |
| Able to write a correct code to login into database, provide confirmation message and terminate database connection |
| No required process applied | Contain major code error | Good, user can login properly, no confirmation message | Very good, confirmation message/page redirection | Excellent, user input cannot be viewed, confirmation message, page redirection |
| **INSERT** | **1** | **2** | **3** | **4** | **5** |
| Able to write a correct code to insert new data into database, provide confirmation message and terminate database connection |
| No required process applied | Contain major code error | Good, data are not saved properly, no confirmation message | Very good, confirmation message/page redirection | Excellent, data are save, confirmation message, page redirection |
| **SELECT** | **1** | **2** | **3** | **4** | **5** |
| Able to write a correct code to retrieve data with/out condition(s), display in a proper manner and terminate database connection |
| No required process applied | Contain major code error | Good, data appeared, some data are invalid | Very good and advanced | Excellent and display result in a proper manner |
| **UPDATE** | **1** | **2** | **3** | **4** | **5** |
| Able to write a correct code to update data in the database, provide confirmation message and terminate database connection |
| No required process applied | Contain major code error | Good, data are not updated and saved properly | Very good, confirmation message/page redirection | Excellent and provide page redirection |
| **DELETE** | **1** | **2** | **3** | **4** | **5** |
| Able to write a correct code to delete data from database, provide confirmation message and terminate database connection |
| No required process applied | Contain major code error | Good, data are not saved properly, no confirmation message | Very good, confirmation message/page redirection | Excellent and provide page redirection |
| **SEARCH** | **1** | **2** | **3** | **4** | **5** |
| Able to write a correct code to search data from database, provide confirmation message and terminate database connection |
| No required process applied | Contain major code error | Good, search data cannot be viewed properly, no confirmation message | Very good, confirmation message/page redirection | Excellent and provide page redirection |
| **CALCULATION** | **1** | **2** | **3** | **4** | **5** |
| Able to write a correct code to perform calculation  |
| No required process applied | Contain major code error | Good, correct calculation, data cannot be viewed properly, no confirmation message | Very good, confirmation message/page redirection | Excellent and provide page redirection |