



**FINAL EXAMINATION  
PROJECT BASED EXAMINATION  
NOVEMBER 2023 SEMESTER**

<b>COURSE</b>	<b>: WEB APPLICATION DEVELOPMENT</b>
<b>COURSE CODE</b>	<b>: IAS2243</b>
<b>DURATION</b>	<b>: 3 WEEKS</b>
<b>SUBMISSION</b>	<b>:</b>
<b>FACULTY</b>	<b>: COMMUNICATION, VISUAL ART AND COMPUTING</b>
<b>DEPARTMENT</b>	<b>: COMPUTING</b>
<b>PROGRAMME</b>	<b>: BACHELOR IN INFORMATION TECHNOLOGY (HONS.) BACHELOR OF SOFTWARE ENGINEERING (HONS.) BACHELOR OF COMPUTER SCIENCE (HONS.) BACHELOR OF MULTIMEDIA INDUSTRY (HONS.) BACHELOR OF BIOINFORMATICS (HONS)</b>
<b>LECTURER</b>	<b>: FAUDZI BIN AHMAD</b>

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**INSTRUCTIONS TO CANDIDATES.**

Student must ensure that they have stable internet connectivity during uploading the answer.

Student must consult the lecturer regularly during the completion of the project.

Each student is allowed only one submission; therefore, all answers must be submitted at once.

**DECLARATION:**

**I hereby declare that all the answers I have submitted is entirely my own work and I understand that there are disciplinary penalties for cheating, plagiarism and inappropriate collusion.**

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**This Question Paper consists of 3 PAGES.**

**CONFIDENTIAL**

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## WEB APPLICATION DEVELOPMENT IAS 2243

### PROJECT BRIEF

Proposed Date : 16 FEBRUARY 2024  
Deadline : 8 MARCH 2024 (BY 11.59 PM)  
Field/ Duration : 3 weeks  
Marks : 40%  
Title : Web Application Development (Project Based Assessment)

#### OBJECTIVE:

Students need to develop a website with connection to a database.

#### Introduction to the project

You are required to develop a website about a scenario explained herein. Marks will be based on the Course Learning Objectives below.

CLO1 – students use an open-source tool in developing a website.

CLO2 – students create a web application using a web programming language with the correct structures and algorithms.

CLO3 – students create a web application with connection to database and data manipulation be done correctly.

#### REQUIREMENTS

The scenario of the website is as follows:

You have a company that deals with wedding. Your client needs to keep abreast of the invitees to a wedding. As it is the school holidays, there are many weddings and so does the invitations. As a company, it is impossible for your company to keep track of the invitations, therefore you give your clients to handle the invitations themselves.

You need to prepare a system done through a website on the invitations. Your client should be able to do these by using the system:

- add invitees and place them to a table of ten per table
- update information about the invitees including changing the table placement
  - the update can be done individually or in bulk (multiple update)
- uninvite an invitee or in bulk (multiple deletions)
- search an invitee by name (in full or in part) to know table allocation
- search a table to see the invitees for that table

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Your coding should include the techniques that have been taught in class:

- using mysqli both procedural and object-oriented techniques
- using PDO

### **DELIVERABLES**

In executing this project, students required to submit reports for a specific project identified.  
You have **three goals in preparing this project**:

- a) The screen shots of all the pages in the website.
- b) The source code of the pages created in the website, be it in HTML, PHP, CSS (if any).
- c) A video of the student explaining the intricacies of the database used in the website. Students must also place an online URL of the website developed (if possible, using infinityfree or another online server you see fit).

### **Submission**

1. Submit accurate and complete information based on the project briefing guidelines.
2. All submission must be **before** the deadline.

### **Course Evaluation**

CLO 1: At the end of the course the student will be able to identify open-source tools to be used in developing a website (C2, PLO1)

CLO 2: At the end of the course the student will be able to create a web application using a web programming language and scripts (C3, PLO3)

CLO 3: At the end of the course the student will be able to demonstrate the ability to create a website with connection to database (C4, PLO5)

#### **\* Summative assessment of (80%)**

CLO 1	10%
CLO 2	30%
CLO 3	40%

**END OF PROJECT BRIEF**