
Web Application Development - DIWA2110

Department	: Faculty of Information Communication Technology	
Course Name	: Diploma in Information Technology	
	: Diploma in Business Information Technology	
	: BSc Degree in Information Technology	
	: BSc Degree in Business Information Technology	Assignment 2
Semester	: 1	15 %
Commence Date	: Week 6	
Deadline Date	: Week 9	
Contact Number	:	
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Assignment Description

The goal of this assignment is to design and develop a web based reporting application for LUCT in the faculty.

Data Entry (Lecturer Reporting Form)

Lecturers must be able to insert the following information:

- Faculty Name
- Class Name
- Week of Reporting
- Date of Lecture
- Course Name
- Course Code
- Lecturer's Name
- Actual Number of Students Present
- Total Number of Registered Students (should be displayed automatically or entered once and retrieved later)
- Venue of the Class
- Scheduled Lecture Time
- Topic Taught
- Learning Outcomes of the Topic
- Lecturer's Recommendations

System Modules

1. **Student:**
 - Login / Register
 - Monitoring
 - Rating
2. **Lecturer:**
 - Classes
 - Reports
 - Monitoring
 - Rating
3. **Principal Lecturer[PRL]:**
 - Courses [view all courses & lectures under his stream]
 - Reports [view lectures reports & add feedback]
 - Monitoring
 - Rating
 - Classes
4. **Program Leader[PL]:**
 - Courses [add, assign lectures modules]
 - Reports [view reports from PRL]
 - Monitoring
 - Classes
 - Lectures
 - Rating
5. **Technology Stack:**
 - **Frontend:** React, CSS, Bootstrap
 - **Backend:** Node JS
 - **Database:** SQL / XAMPP

Marking Criteria

Front End	40
Backend	40
Code Quality	20
Total	100

SUBMISSION INFORMATION

- Push your project to GitHub and submit a link to the classroom
- Host the application and submit a link to the classroom

Challeng / Extra credit (10)

- Implement a search functionality for every module
- Generate downloadable reports in Excel format