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## Web Design - BIWD2110

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Department : Faculty of Information Communication Technology  
Course Name : BSc Software Engineering with Multimedia

Semester : 1  
Commence Date : Week 6  
Deadline Date : Week 9  
Contact Number :  
E-mail : tsekiso.thokoana@limkokwing.ac.ls

Assignment 2 15 %
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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 classroom
- Host the application and submit a link to classroom

### **Challeng / Extra credit (10)**

- Implement a search functionality per every module
- Generate downloadable reports in excel format