

 <p>فوليتيكنيك بروني POLITEKNIK BRUNEI</p>	SCHOOL OF POLITEKNIK BRUNEI WEEKLY MODULE PLAN	REFERENCE NUMBER: PB/AS/LP/002 VERSION: 1.2 REVISION DATE: 06/10/2018 EFFECTIVE DATE: 1/1/2019	
MODULE CODE/NAME	NS4307, Network Programming	TOPIC	Database MySQL
SEMESTER	Semester 2, 2021 / 2022	GROUP CODE/INTAKE	DITN12 (Intake 11), DITN10R (Intake 9)
SCHOOL/DEPT	School of ICT	WEEK	Week 10 - 27/03 - 02/04
PEDAGOGICAL APPROACH			
<input type="checkbox"/> Knowledge Building <input checked="" type="checkbox"/> Presentation <input type="checkbox"/> Co-operative/ Collaborative Learning <input type="checkbox"/> Experimental Learning <input checked="" type="checkbox"/> Case Studies <input type="checkbox"/> Discussion <input checked="" type="checkbox"/> Blended Learning <input type="checkbox"/> Debate <input type="checkbox"/> Others, please specify _____			
RESOURCES			
Learning management system			
LESSON LEARNING OBJECTIVES	METHOD OF INSTRUCTION/LEARNING ACTIVITIES		REFLECTIVE EVALUATION
At the end of this lesson, the student should be able to: 1) Able to handle HTTP Request	Session 1: Lecture (20 minutes): - Assignment briefing Practical (1 hour): Edit students - Show to send data with HTTP Request - Show difference between GET Method and POST Method. - Show how controller handle HTTP Request Exercise (40 minutes) - Facilitate students to do add students.		Did not managed to discuss the solution of the exercise with the students. Decided to shared the solution through GitHub gist, https://gist.github.com/jailanihar/c714e5235c8d7a48a3e2eb6eb72a9931 Forgot that the List<Student> ALL_STUDENTS = Arrays.asList(...), it is not possible to add new data into it due to an Abstract class. It has to be converted to ArrayList and use constructor to add hardcoded students.
At the end of this lesson, the student should be able to: 1) Understand and apply Structured Query Language (SQL)	Session 2: Lecture (15 minutes): - Show first part of video https://www.youtube.com/watch?v=7S_tz1z_5bA - Explain what is a Database. - Explain that Databases are widely used in applications. Practical (1 hour 45 minutes): - Familiarising with MySQL through phpMyAdmin. - Show how to create, choose and deleting Database in MySQL. - Show how to create, delete and alter Database Table in MySQL. - Show how to insert data to Database Table. - Show how to retrieve data from Database Table. - Show how to retrieve data with Condition From Database Table. - Show how to use Logical Operator in MySQL. - Show how to retrieve data from multiple Database Table in MySQL. - Show how to edit data from Database Table.		Had to cover updating and deleting data using SQL statement. Was planning to rely using phpmyadmin user interface for these operations. But due to the table created in this practical does not contain any primary key, phpmyadmin lock the user interface for these operations. Next week need to show the students these after creating table with primary key.
At the end of this lesson, the student should be able to:	Session 3:		
NAME & SIGNATURE			
MODULE LECTURER	PROGRAMME LEADER / ASSISTANT HOS (aHOS) / HEAD OF SCHOOL (HOS)*		
Jailani Abdul Rahman	Jamiatul Zubriah		
DATE: 01/04/2023	DATE: 05/04/2023		
COMMENTS BY PROGRAMME LEADER/ ASSISTANT HOS (aHOS)/ HEAD OF SCHOOL (HOS) (If any)			
Checked.			