

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

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MODULE CODE/NAME NS4307, N		Jetwork Programming	TOPIC	Git	Git	
SEMESTER Semester 2		2, 2021 / 2022	CODE/INTAKE	DITN12	(Intake 11), DITN10R (Intake 9)	
SCHOOL/DEPT School of 1		ICT	WEEK	Week 2 - 30/01 - 05/02		
PEDAGOGICAL APPROACH						
☐ Knowledge Building ☐ Discussion				Experimental Learnin, Case Studies Others, please specify		
RESOURCES						
Learning management sytem						
LESSON LEARNING OBJECT	CTIVES	METHOD OF INSTRUCTION/LEARNING ACTIVITIES			REFLECTIVE EVALUATION	
At the end of this lesson, the studer able to: 1) Apply the basic of git.	it should be	Practical (Git): 1 hour - Make sure everyone have managed to installec - Facilitate Git configurations in students comp name, email, colorise output, preferred text edit - Facilitate students how to create a repository. - Facilitate students how to try to create a nested understand that this is a bad idea. - Facilitate students how to rectify a nested repo - Facilitate students how to rectify a nested repo - Facilitate students how to record neares in Gi - Facilitate students how to record notes about it - Facilitate students how to check Git repository - Facilitate students how to check Git repository - Facilitate students how to check Git repository - Facilitate students how to death of the control of the cont	ater globally (i.e. for ever or. I repository and make su- sitory problem. ii. Git repository. the changes made to a Git- history. tween the current state of rks. s of files in repository. prository. of files in repository. es that the students do no	re they repository. f the file	The first practical session went longer than expected. Completed by 9.12am. I had to add more explanation to further emphasis the part of working directory, staging area and git directory. All students managed to complete the quiz within allocated time. During exercise, for windows, some have to type quote key twice for it to show. It cause issues in Bash where students accidentally press enter without closing a quote. Some students missed a step in the exercise where they need to resolve nested git repositories where they need to remove the .git folders from the children folders. Not enough extension to provide all students to charge their laptops.	
At the end of this lesson, the studer able to: 1) Students should personally own account. 2) Able to host and manage Git repr	GitHub	Lecture: 20 mins - Explain the strength of version control when ce - Explain how Git repository can be store on the	mplete Git exercises 04 a ollaborating with other p	nd 05	Found out that students already have GitHub account where they registered during their Basic Web Programming module. Was planning to spend time for	
GitHub. 3) Able to collaborate using GitHub.		- Explain the popular Git hosting services: GiH Emphasis that we will be using GitHub for thi Practical: 1 hour - Facilitate students to register an account with Clicense) Facilitate students to familiarise with GitHub - Facilitate students to create new repository in C Facilitate students to connect their local repository Facilitate students to sync any changes in their repository Facilitate students to sync any changes in their repository Facilitate students how to add collaborator to reaching the students how to download a corp of machine Facilitate students how to download a corp of machine Facilitate students to sync the changes to their friendschine Facilitate students to sync the changes to their facilitate students on sync the changes their friendschine Facilitate students on how to handle conflict or Facilitate students on how to use Git branching Facilitate students on how to use Git branching Facilitate students to nhow to be Git branching Facilitate students to complete Git exercise 06,	s module. GitHub (preferably using dashboard. GitHub. tory to the remote repository to their remote repository to their remote repository. Their friends repository their friends repository their friends repository their depository their friends repository their depository in their lost remote repository and made to their remote the depository in the changes to a file.	e student tory in remote ir local o their local cal	account registration. But since they already registered, I had extra time. So I used that time to integrate Eclipse IDE with Git and facilitate students familiarise using Git through Eclipse IDE. Usually Eclipse IDE has Git plugin installed automatically. But some students are using an older version of Eclipse IDE and it does not have Git plugin installed. Due to slow Internet, some have to take few attempts to successfully installed the plugin. Found out that the Eclipse IDE Git plugin does not support HTPPS authentication, have to use SSH authentication. I overlooked this issue since when I tested Eclipse IDE Git plugin, I already set up my computer to use SSH authentication prior. Luckiy Eclipse IDE has an RSA key generation built in that can be use for SSH authentication.	
At the end of this lesson, the studen able to:	nt should be	Session 3:				
NAME & SIGNATURE						
	hman	Jamiatul Zuhriah	93 (aHOS)/ HEAD OF	SCHOOL	(HOS)* -	
DATE: 01/02/2023		DATE: 07/02/2023				
COMMENTS BY PROGRAMME LEADER/ ASSISTANT HOS (aHOS)/ HEAD OF SCHOOL (HOS) (If any)						

Due to not enough extension, the students should be aware on that. They need to charge their laptop earlier or find alternative for that due to extension cable is not been provided by estate or school.

For overall, well done cg. Keep up your good work.