BACHELOR OF COMPUTER SCIENCE
FACULTY/SCHOOL OF COMPUTER SCIENCE
BINA NUSANTARA UNIVERSITY
JAKARTA

ASSESSMENT FORM

Course: CPEN6247001 - Computer Networks

Method of Assessment: Case Study / Project

Semester/Academic Year : 2/2021-2022

Name of Lecturer : ……

Date : ……

Class : ……

Topic : Networking Media / Topology, IP Addressing & Subnetting, Routing, Application layer (HTTP / SMTP - Web/Email)

Group Members :	1_____ 2_____ 3_____ 4_____ 5_____ 6_____ 7_____ 8_____

Student Outcomes:
SO 2 - Mampu merancang, mengimplementasikan, dan mengevaluasi solusi berbasis komputasi untuk memenuhi serangkaian persyaratan komputasi dalam konteks ilmu computer.
Able to design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of computer science.

Learning Objectives:
LObj 2.1 - Mampu merancang solusi berbasis komputasi untuk memenuhi serangkaian persyaratan komputasi tertentu dalam konteks ilmu komputer
Able to design a computing-based solution to meet a given set of computing requirements in the context of computer science.

No	Assessment criteria	Weight	Excellent (85 - 100)	Good (75-84)	Average (65-74)	Poor (0 - 64)	Score	(Score x Weight)
1	Devices used, Networking Media types and length of media used	**15%**	Apply Devices, Network Media types and connector correct and calculate length of media >= 85% accurate	Apply Devices, Network Media types and connector correct and calculate length of media >= 75% accurate	Apply Devices, Network Media types and connector correct and calculate length of media >= 65% accurate	Apply Devices, Network Media types and connector not correct and calculate length of media <65% accurate.		
2	IP Addressing & Subnetting	**40%**	85% or more steps of setup IP addressing and Subnetting are accurate	75% or more steps of setup IP addressing and Subnetting are accurate	65% or more steps of setup IP addressing and Subnetting are accurate	64% or less steps of setup IP addressing and Subnetting are accurate		
3	Routing	**30%**	85% or more setup routing for 3 floors are accurate and work	75% or more setup routing for 3 floors are accurate and work	65% or more setup routing for 3 floors are accurate and work	64% or less setup routing for 3 floors are accurate and work		
4	Application Layer	**15%**	85% or more setup application are accurate and work	75% or more setup application are accurate and work	65% or more setup application are accurate and work	64% or less setup application are accurate and work		

No	Assessment criteria	Weight	Excellent (85 - 100)	Good (75-84)	Average (65-74)	Poor (0 - 64)	Score	(Score x Weight)
	Total Score: ∑(Score x Weight)							

Remarks:

ASSESSMENT METHOD

Instructions

Using maps given, design network system for 3 floors include devices need, media used and length of media, IP Addressing & Subneting, Routing concepts, application layer (Web/Mail)

Criteria for this design :

1. Devices used, Networking Media types and length of media used
2. IP Addressing & Subnetting
3. Routing
4. Application Layer

To make sure your design is proper, you can used Cisco Packet Tracer as a tools to design.

Note for Lecturers:

Lectures can used link below to give maps of floor to each group . Each groups with 3 floors maps

1. Kampus Anggrek | BINUS Online Learning
2. Kampus Alam Sutera | BINUS Online Learning
3. Kampus Syahdan | BINUS Online Learning