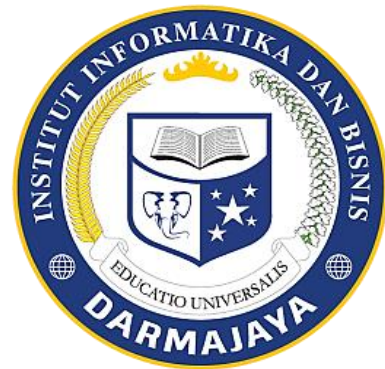


Bahan Ajar

Modul Praktikum

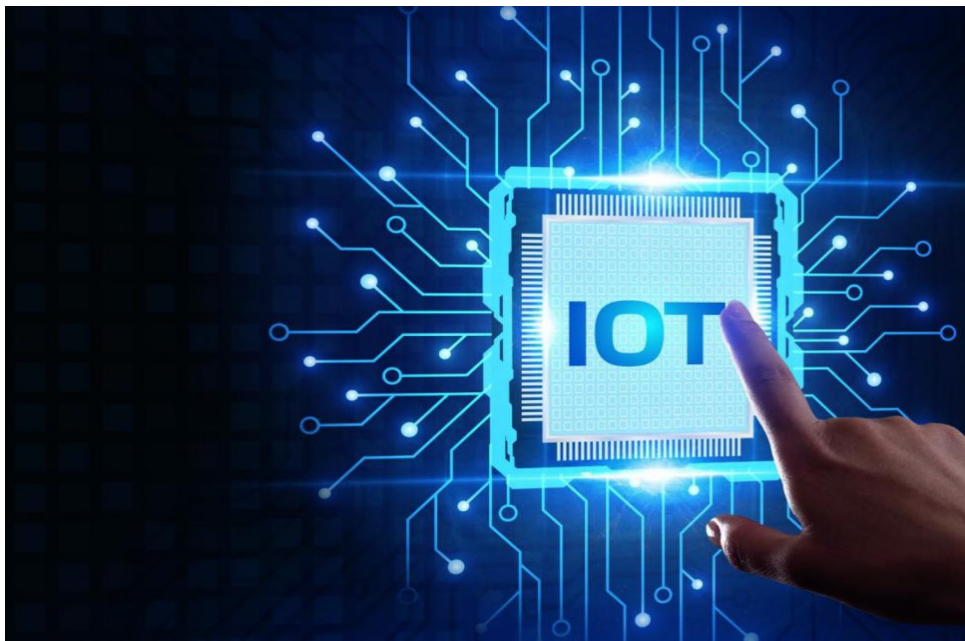
INTERNET of THINGS (IoT Security)

Kode Matakuliah: SKO21431



Penyusun:

Bayu Nugroho. S.Kom., M.Eng



**PROGRAM STUDI SISTEM KOMPUTER
FAKULTAS ILMU KOMPUTER
INSTITUT INFORMATIKA DAN BISNIS DARMAJAYA
2023**

DAFTAR ISI

Halaman Judul.....	1
DAFTAR ISI.....	2
Modul 1.....	4
Installation IoT Server (WMware).....	4
JOBSHEET 1.....	11
Modul 2.....	12
Installation IoT Server (Windows Server).....	12
JOBSHEET 2.....	21
Modul 3.....	22
Installation IoT Server (XAMPP).....	22
JOBSHEET 3.....	25
Modul 4.....	26
Wireshark Installation (Windows).....	26
JOBSHEET 4.....	36
Modul 5.....	37
Wireshark Installation (Linux).....	37
JOBSHEET 5.....	46
Modul 6.....	47
Wireshark Menu.....	47
JOBSHEET 6.....	52
Modul 7.....	54
Capturing Live Network Data (http Protocol).....	54
JOBSHEET 7.....	56

Modul 8.....	57
Ujian Tengah Semester (UTS).....	57
Modul 9.....	58
Capturing Live Network Data (tcp Protocol).....	58
JOBSHEET 9.....	58
Modul 10.....	59
Capturing Live Network Data (udp Protocol).....	59
JOBSHEET 10.....	59
Modul 11.....	60
Capturing Live Network Data (telnet Protocol).....	60
JOBSHEET 11.....	60
Modul 12.....	61
Capturing Live Network Data (ssh Protocol).....	61
JOBSHEET 12.....	61
Modul 13.....	62
Capturing Live Network Data (arp Protocol).....	62
JOBSHEET 13.....	62
Modul 14.....	63
IoT Controlling For Smart Home System.....	63
JOBSHEET 14.....	63
Modul 15.....	64
IoT Security For Smart Home System.....	64
JOBSHEET 15.....	64
Modul 16.....	65
Ujian Akhir Semester (UAS).....	65

Modul 14

IoT Controlling For Smart Home System

Rancanglah sebuah IoT sistem untuk controlling smart home.

JOB SHEET 14

Lakukan perancangan sistem IoT menggunakan 3 jenis sensor untuk aplikasi ke smart home. Lengkapi dengan gambar dan fungsi tiap sensor, serta cara kerja sistem tersebut.

LAPORAN HASIL PERCOBAAN: