

2025

self

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# PORTFOLIO



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# About Me

## Hello! My name is Andi Raqueela..

I am an undergraduate student majoring in Internet Engineering Technology with a strong interest in computer networking and cybersecurity. Experienced in managing network infrastructure and implementing security solutions using tools, such as Wazuh and YARA. A detail-oriented individual with strong analytical skills, quick to adapt to new technologies, and able to work effectively both independently and in a team environment.

### Education

**(2019 - 2022)**  
**SMK Telkom Makassar**

Access Network Engineering

**(2022 - Present)**  
**Universitas Gadjah Mada**

Internet Engineering Technology



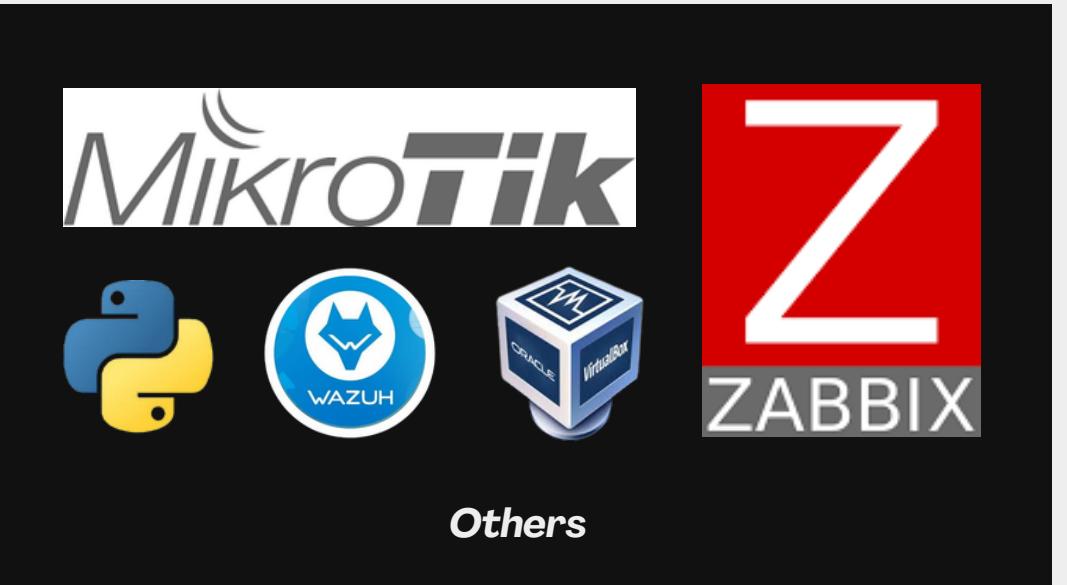
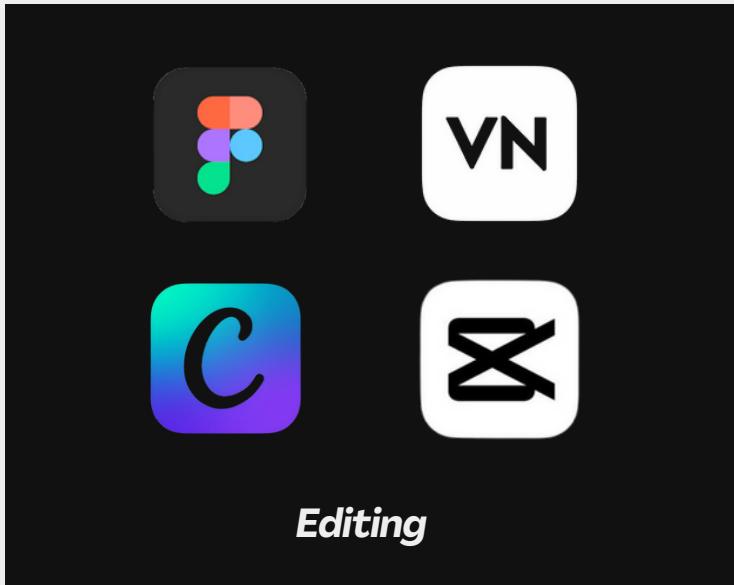
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skills

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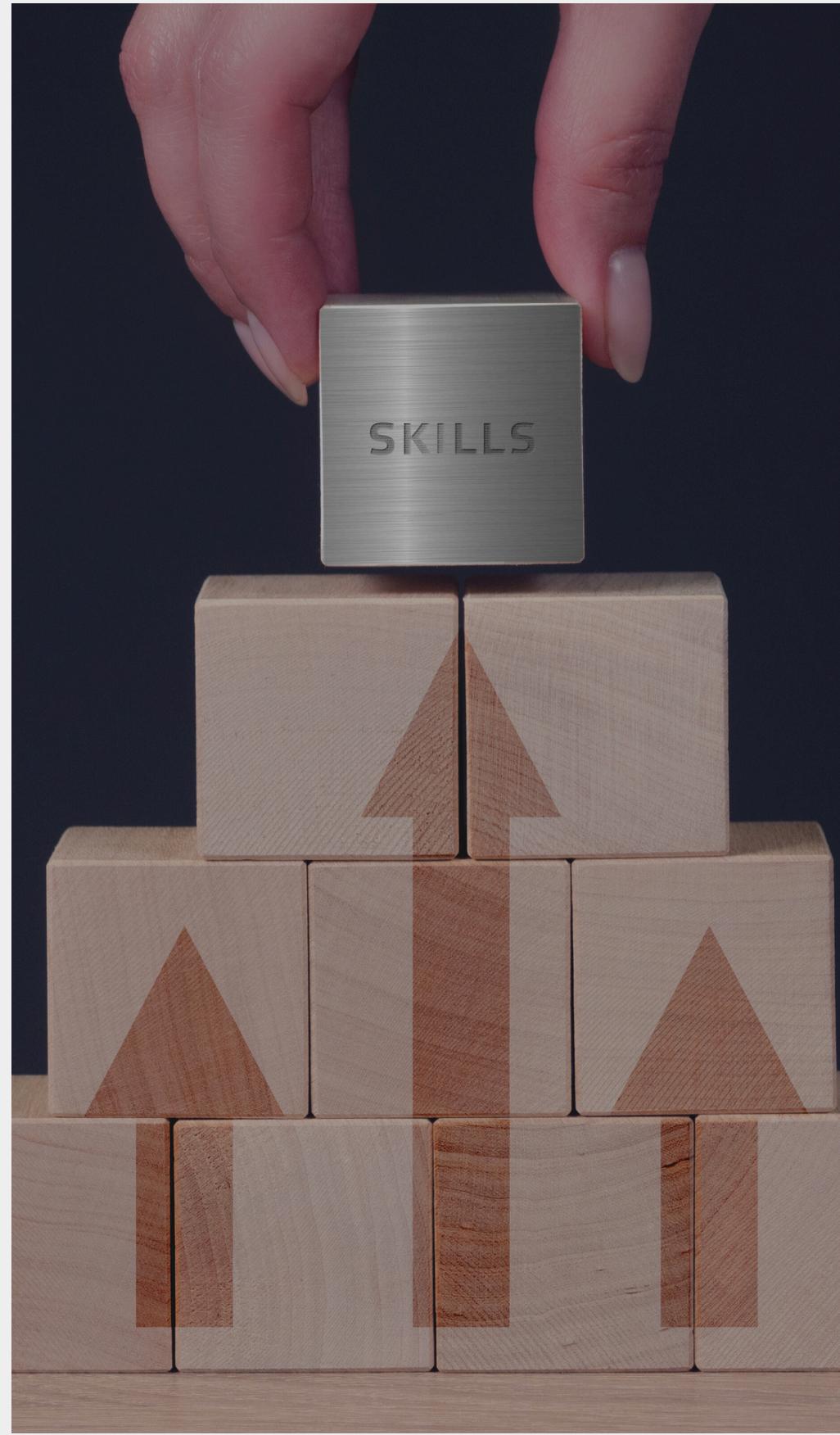
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# Hard Skills



# Soft Skills

- \* Detailed Oriented
- \* Creative
- \* High Curiosity
- \* Communication



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# Work Experiences



## (2025) COORDINATING MINISTRY FOR INFRASTRUCTURE AND REGIONAL DEVELOPMENT

- Network management through Zabbix tools to ensure optimal network performance and quickly detect and respond to problems
- Enhancing network infrastructure security by integrating Wazuh and YARA technologies to develop custom rules that automatically detect and remove viruses or malware on agents
- Implementing the Minarca Backup application to meet the data backup needs of servers and client devices
- Operating the NetManage dashboard to perform backups of network devices, such as routers and switches
- Creating and managing servers using Proxmox containers to support internal service operations



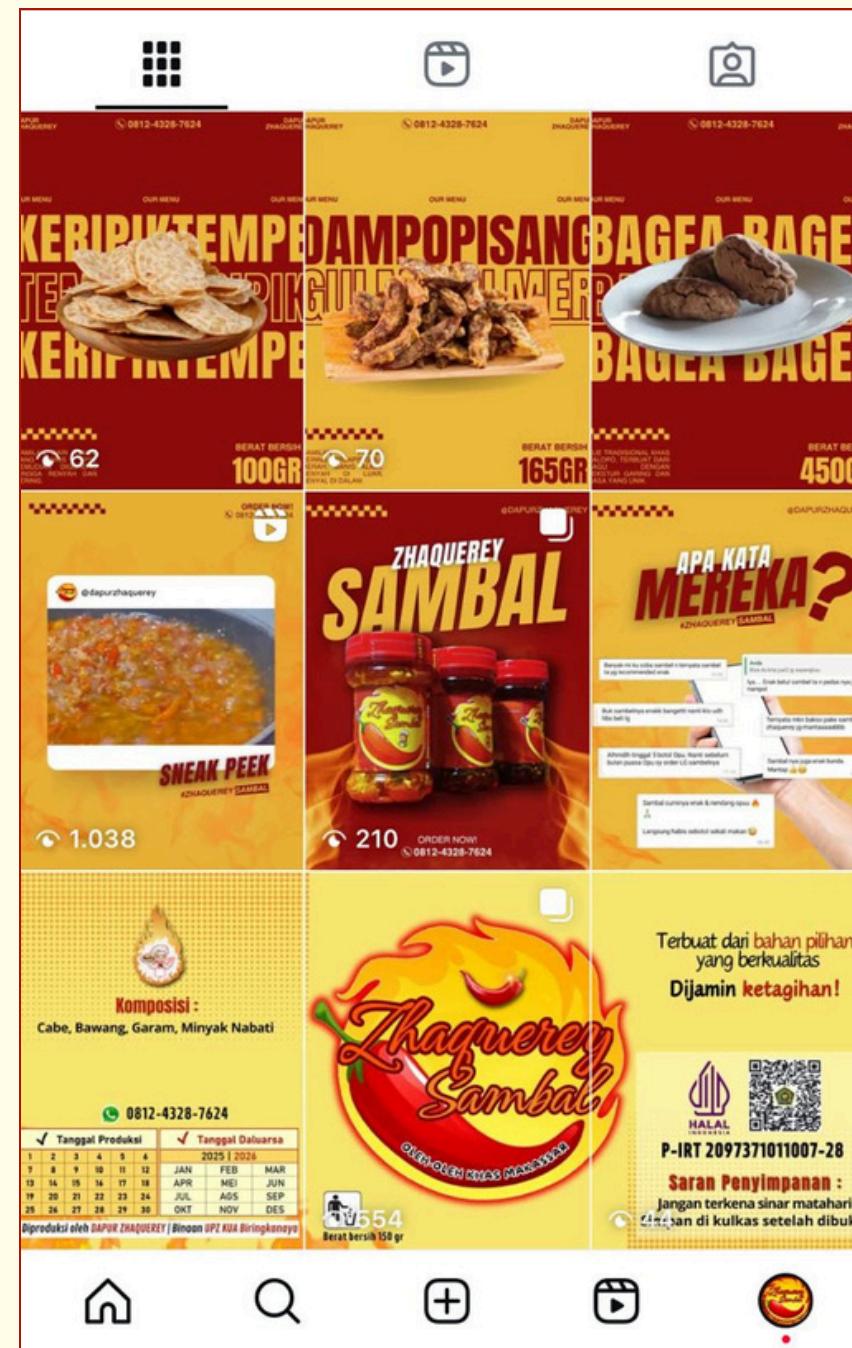
## (2024) PT. INTEGRA INOVASI INDONESIA

- Creating the company's hotspot landing page using HTML
- Performing testing to identify bugs in applications developed by the company

## (2021) PLASA TELKOM MAROS

- Inputting and following up on issues experienced by Telkom customers
- Monitoring the condition of network devices, such as ODP and ODC, to be repaired by technicians
- Responsible for installing WiFi Extender

# Work Experiences



## FREELANCE VISUAL DESIGNER @DAPURZHAQUEREY

Dapur Zhaquerey is a home-based culinary business specializing in traditional Makassar products such as sambal, bagea, palm sugar candies, and tempeh chips. The brand promotes its products through social media and local souvenir stores.



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FORKOM TRI | 2022-2025  
STAFF OF MEDIA AND INFORMATION  
DIVISION

HIMAGAMA SULSEL | 2023-2025  
STAFF OF MEDIA AND INFORMATION  
DIVISION

GADJAH MADA MENYAPA | 2023-2024  
STAFF OF PUBLIC RELATIONS AND  
SPONSORSHIP DIVISION

Organizational *Experiences* \*



# PROJECT-1

**IOT-BASED AUTOMATIC PLANT MONITORING AND WATERING SYSTEM WITH TELEGRAM BOT**



## FLORALINK

FloraLink  
bot



FloraLink  
bot

Penyiraman akan dilakukan. Suhu: 33.10 °C. Kelembaban Tanah: 593

12:59

Penyiraman telah selesai. Suhu: 33.10 °C. Kelembaban Tanah: 593

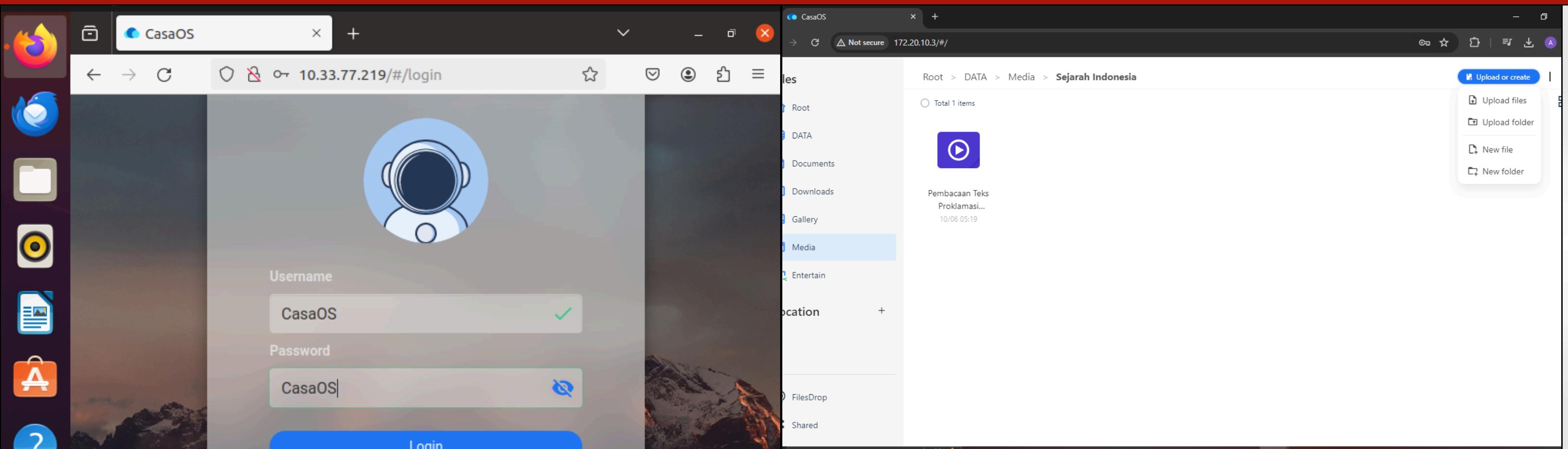
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← Jellyfin

Set up your media libraries

Help



Add Media Library

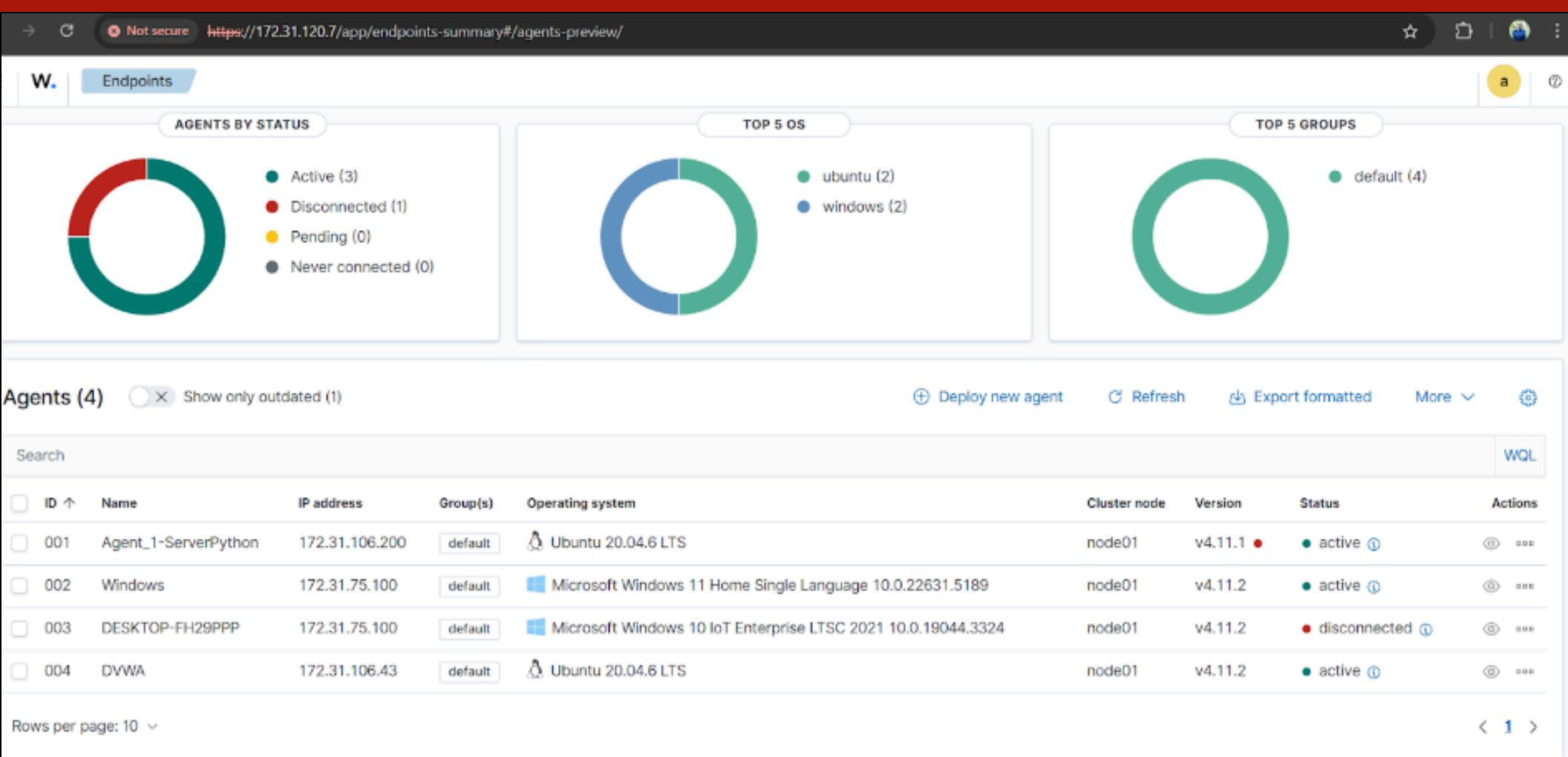
# PROJECT-2

*EDUCATIONAL VIDEO SYSTEM IN DIGITAL LIBRARY BASED ON  
**CASAOS AND JELLYFIN***



2025

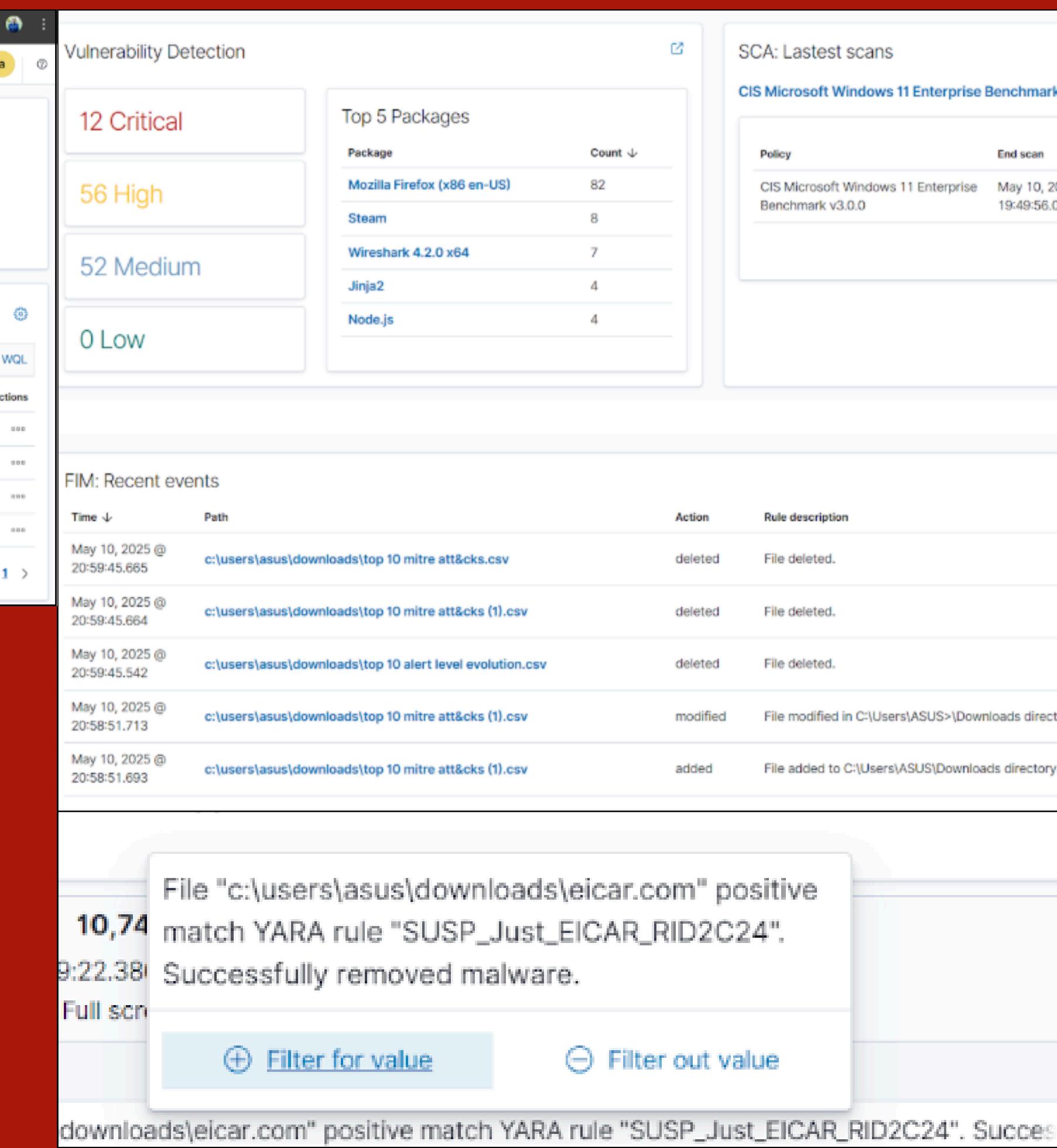
projects



# PROJECT-3

WAZUH-BASED IDS/IPS SYSTEM FOR **FILE MONITORING**  
AND **SECURITY THREAT DETECTION** THROUGH **YARA**  
AND **CUSTOM-RULES** INTEGRATION

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The dashboard includes sections for 'Vulnerability Detection' (12 Critical, 56 High, 52 Medium, 0 Low), 'Top 5 Packages' (Mozilla Firefox, Steam, Wireshark, Jinja2, Node.js), 'FIM: Recent events' (listing file operations like deletion and modification of CSV files), and a 'File Monitoring' section showing a log entry for a YARA rule match and malware removal. A sidebar on the right shows 'SCA: Lastest scans' and 'CIS Microsoft Windows 11 Enterprise Benchmark' results.

Vulnerability Detection

- 12 Critical
- 56 High
- 52 Medium
- 0 Low

Top 5 Packages

Package	Count
Mozilla Firefox (x86 en-US)	82
Steam	8
Wireshark 4.2.0 x64	7
Jinja2	4
Node.js	4

FIM: Recent events

Time	Path	Action	Rule description
May 10, 2025 @ 20:59:45.665	c:\users\asus\downloads\top 10 mitre att&cks.csv	deleted	File deleted.
May 10, 2025 @ 20:59:45.664	c:\users\asus\downloads\top 10 mitre att&cks (1).csv	deleted	File deleted.
May 10, 2025 @ 20:59:45.542	c:\users\asus\downloads\top 10 alert level evolution.csv	deleted	File deleted.
May 10, 2025 @ 20:58:51.713	c:\users\asus\downloads\top 10 mitre att&cks (1).csv	modified	File modified in C:\Users\ASUS>\Downloads directory.
May 10, 2025 @ 20:58:51.693	c:\users\asus\downloads\top 10 mitre att&cks (1).csv	added	File added to C:\Users\ASUS\Downloads directory.

File "c:\users\asus\downloads\filemonitoring.log" positive  
10,749:22.389 match YARA rule "SUSP\_Just\_EICAR\_RID2C24".  
Successfully removed malware.  
Full scan

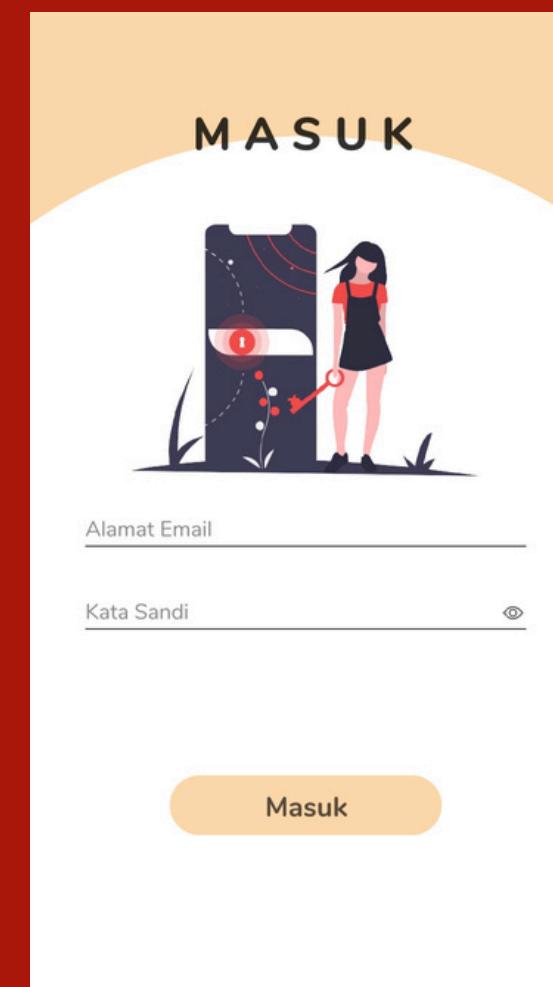
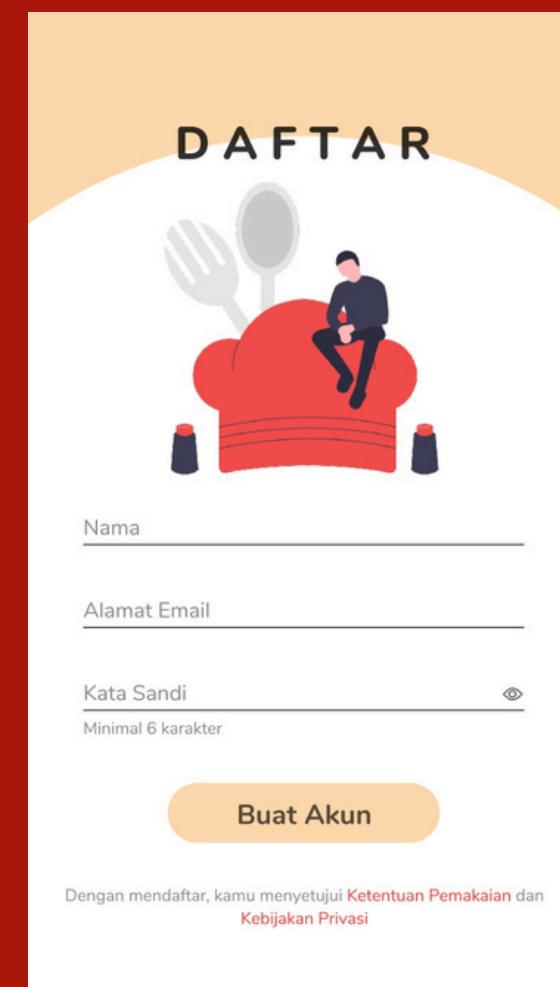
Filter for value      Filter out value

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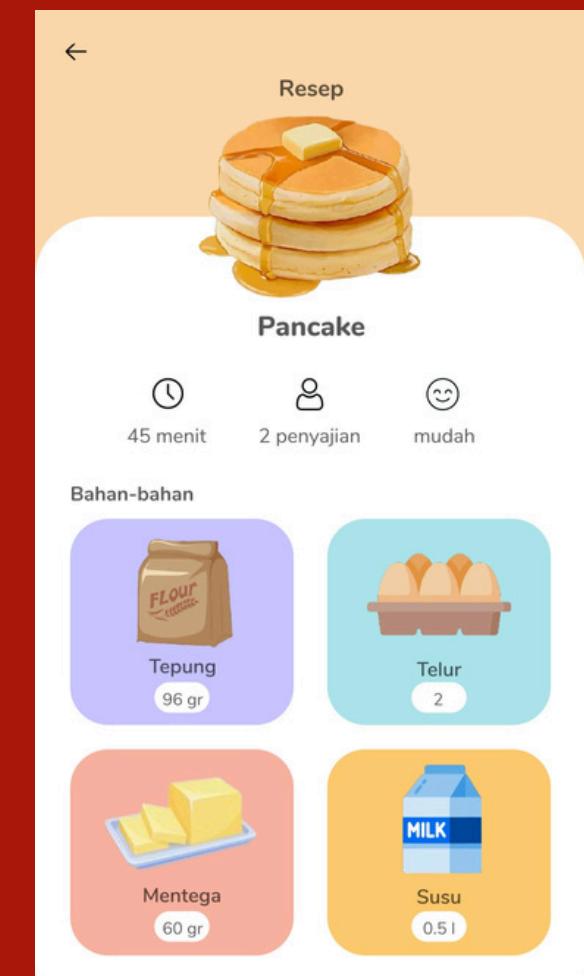
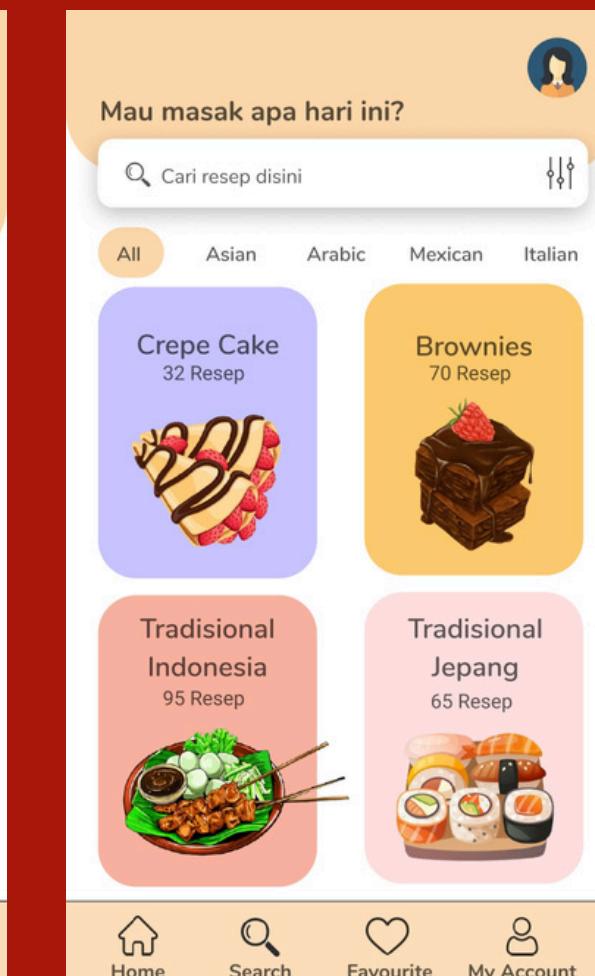
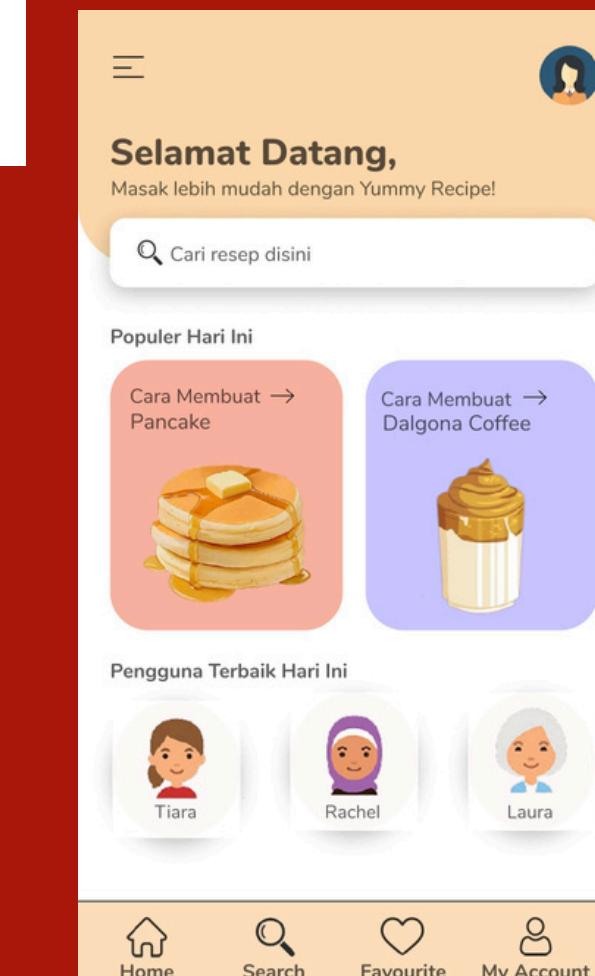


# PROJECT-4

UI DESIGN FOR SCHOOL ASSIGNMENTS

# PROJECT-4

## UI DESIGN FOR SCHOOL ASSIGNMENTS



# And, Certificates! ✨



# And, Certificates! ✨

 Corporate Social Responsibility  
Cisco Networking Academy

Certificate of Course Completion

**CCNAv7: Introduction to Networks**

The student has successfully achieved student level credential for completing CCNAv7: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.
- Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network.

**Andi Raqueela Magistra Azrika**  
Student  
**Departemen Teknik Elektro dan Informatika SV UGM**  
Academy Name  
**Indonesia** **13 Dec 2022**  
Location Date  
**Ronald Adrian**  
Instructor **Instructor Signature**

 Corporate Social Responsibility  
Cisco Networking Academy

Certificate of Course Completion

**CCNAv7: Switching, Routing, and Wireless Essentials**

The student has successfully achieved student level credential for completing CCNAv7: Switching, Routing, and Wireless Essentials course administered by the undersigned instructor. The student was able to proficiently:

- Configure VLANs and Inter-VLAN routing applying security best practices.
- Troubleshoot inter-VLAN routing on Layer 3 devices.
- Configure redundancy on a switched network using STP and EtherChannel.
- Troubleshoot EtherChannel on switched networks.
- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.
- Configure dynamic address allocation in IPv6 networks.
- Configure WLANs using a WLC and L2 security best practices.
- Configure switch security to mitigate LAN attacks.
- Configure IPv4 and IPv6 static routing on routers.

**Andi Raqueela Magistra Azrika**  
Student  
**Departemen Teknik Elektro dan Informatika SV UGM**  
Academy Name  
**Indonesia** **7 Jul 2023**  
Location Date  
**Ronald Adrian**  
Instructor **Instructor Signature**

# And, Certificates! ✨



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# CONTACT ME



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