# DHAYU WIRAGUSTI

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📍 Cilangkap, East Jakarta, Indonesia

I'm an active student at CEP CCIT FT UNIVERSITY of INDONESIA majoring in Information Technology and Asia e University majoring in Information and Communication Technology, and I have the desire to develop myself through the internship program. With an educational background in Information Technology, I gained an understanding of data processing and several programming languages.

P R O J E C T S

Database Toko - SQL Server
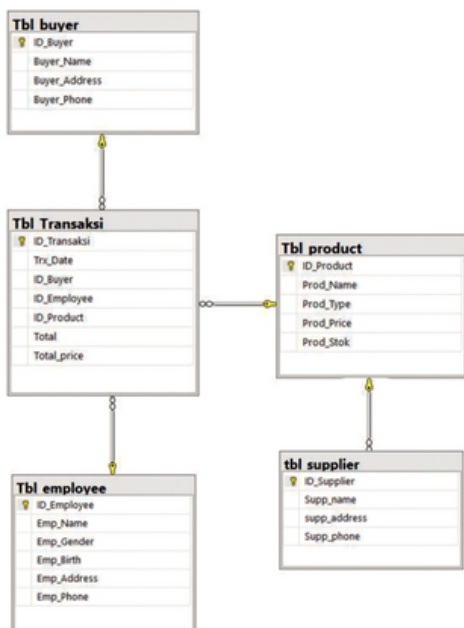
https://github.com/Dhayuraa/Shop-Database/blob/main/SQL2022-SSEI-Dev%20(4).exe

The Database Project with the title 'Hola Cell', which was created in groups, is a description of the existing database in a shop. This database contains 5 tables, including the buyer table, transaction table, employee table, product table and supplier table.

Data Analyst - Ms. Excel

https://github.com/Dhayuraa/Shop-Database/blob/main/SQL2022-SSEI-Dev%20(4).exe

Create school data and analyze it using the features contained in MS. excel like if function, calculating average, and others including vlookup and pivot tables.

P R O J E C T S

Coffee Shop - Visual Studio Code
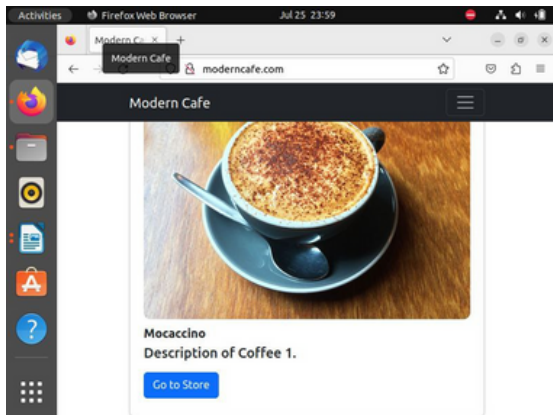
https://github.com/Dhayuraa/Shop-Database/blob/main/SQL2022-SSEI-Dev%20(4).exe

The Coffee Shop web server was created when we were studying Ubuntu software. Here we created a Coffee Shop web server using Visual Studio code which was connected to Virtual Box and Ubuntu.

School Data app - Apache
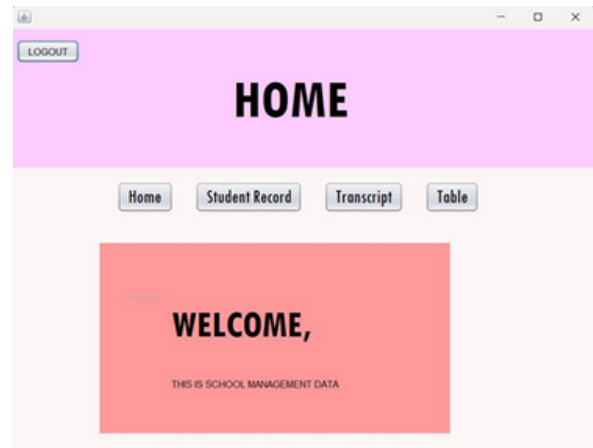
https://github.com/Dhayuraa/Shop-Database/blob/main/SQL2022-SSEI-Dev%20(4).exe

The school data management application was created using the Apache application and connected to the XAMPP database which functions to collect grades and pass or fail status.

W O R K   E X P E R I E N C E

Part Time - English Teacher

Mei 2023 - Now

Make monthly student progress reports, as well as help create a rundown of several major activities such as teachers' day, halal bihalal and the institution's anniversary.

Karang Taruna - Organization

July 2021 - Now

Make financial reports at every youth organization event and often act as host.

STUDIES

Asia e University
2022 - Now

Information Communication Technology

1. **Computer Communication & Networking** and **Computer Security**: I have studied both courses that deal with technical aspects of data communication and system security.
2. **Entrepreneurship & Ethics** and **Management Information System**: I have studied both courses that discuss management aspects and ethics in the implementation of information technology in organizations.
3. **Object Oriented Programming** and **ICT Project Management**: I have studied both courses focusing on software development and project management in the context of information technology.

CEP - CCIT FTUI
2022 - Now

Technology of Information

1. **Relational Database Design** and **Implementing Database Design on MS SQL Serve**r: I have studied relational database design concepts and their implementation using MS SQL Server
2. **Object Oriented Programming** and **Object Oriented Programming Project**: I have studied the concepts of object-oriented programming and their application in projects.
3. **Computer Network** and C**omputer Network Design Project**: I have studied computer networks and designed computer networks in projects.

SKILLS

- SQL Server
- Database
- C++
- Internet of Things (IOT), Connecting Things and Networking

LANGUAGE

- Indonesia - Native
- Englisg - Professional

C E R T I F I C A T I O N

IoT Fundamentals: Connecting Things

For completing the Cisco Networking Academy® Connecting Things course, and demonstrating the ability to perform the following:

- Explain how IoT technologies are transforming Business and Society.
- Use sensors, actuators and micro-controllers (Arduino) to prototype an IoT solution.
- Use Python, Cisco PL-App and Raspberry Pi to prototype an IoT solution.

- Describe the role of Network and Fog Computing in an IoT solution.
- Describe how IoT Solutions can be used to digitise business applications or address social problems.
- Diagram a business model for a given business or social endeavour using the Business Model Canvas.

Dhayu Wiragusti
Student

Fakultas Teknik, Universitas Indonesia
Academy Name

Indonesia
Location

14 Dec 2023
Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

Cisco Networking Academy - IoT Fundamentals: Connecting Things

IoT Fundamentals: IoT Security

The student has successfully achieved student level credential for completing Cisco Networking Academy® IoT Security course administered by the undersigned instructor. The student was able to proficiently:

- Articulate specific security challenges related to the Internet of Things.
- Perform threat modeling activities on an IoT system at physical, communication and application layers.
- Use Kali Linux penetration testing tools to identify vulnerabilities in IoT systems.

- Apply threat modeling and risk assessment frameworks and recommend threat mitigation measures.
- Explain the impact of emerging technologies on IoT Security.

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Cisco Networking Academy - IoT Fundamentals: IoT Security

CERTIFICATION

IoT Fundamentals: Big Data & Analytics

For completing the Cisco Networking Academy® Big Data & Analytics course, and demonstrating the ability to perform the following:

- Explain the value of data analytics for an IoT solution.
- Describe and Apply the data analysis process to solve a problem.
- Apply Python scripts to collect, prepare, analyze and visualize or export data.
- Apply basic machine learning algorithms.
- Apply data visualization and storytelling techniques to communicate results of analysis.
- Describe approaches to data management including SQL and No-SQL solutions.
- Explain the fundamental concepts behind the main Big Data platforms.

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Cisco Networking Academy - IoT Fundamentals: Big Data & Analytics

IoT Fundamentals: Hackathon Playbook

For completing the Cisco Networking Academy® IoT Hackathon, and demonstrating the ability to perform the following:

- Empathize with users and get insights to solve a problem.
- Define a problem and brainstorm solutions.
- Create an IoT prototype.
- Create a Business Model Canvas.
- Present the solution to the judging panel and demo the prototypes.

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Student

Fakultas Teknik, Universitas Indonesia
Academy Name

Indonesia
Location

23 Jan 2024
Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

Cisco Networking Academy - IoT Fundamentals: Hackathon Playbook