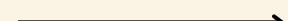




PORTFOLIO

ANDA FIGO HAQ

2025



introduce **ABOUT ME**

I am Anda Figo Haq, an 8th-semester Computer Engineering student at Telkom University with experience in Full-Stack Mobile Development, Cybersecurity, and Blockchain.

I have a background in backend development, cybersecurity research, robotics programming with ROS, as well as smart contract and distributed system development.

SOFTWARE:



VS CODE



FIGMA



ANDROID STUDIO

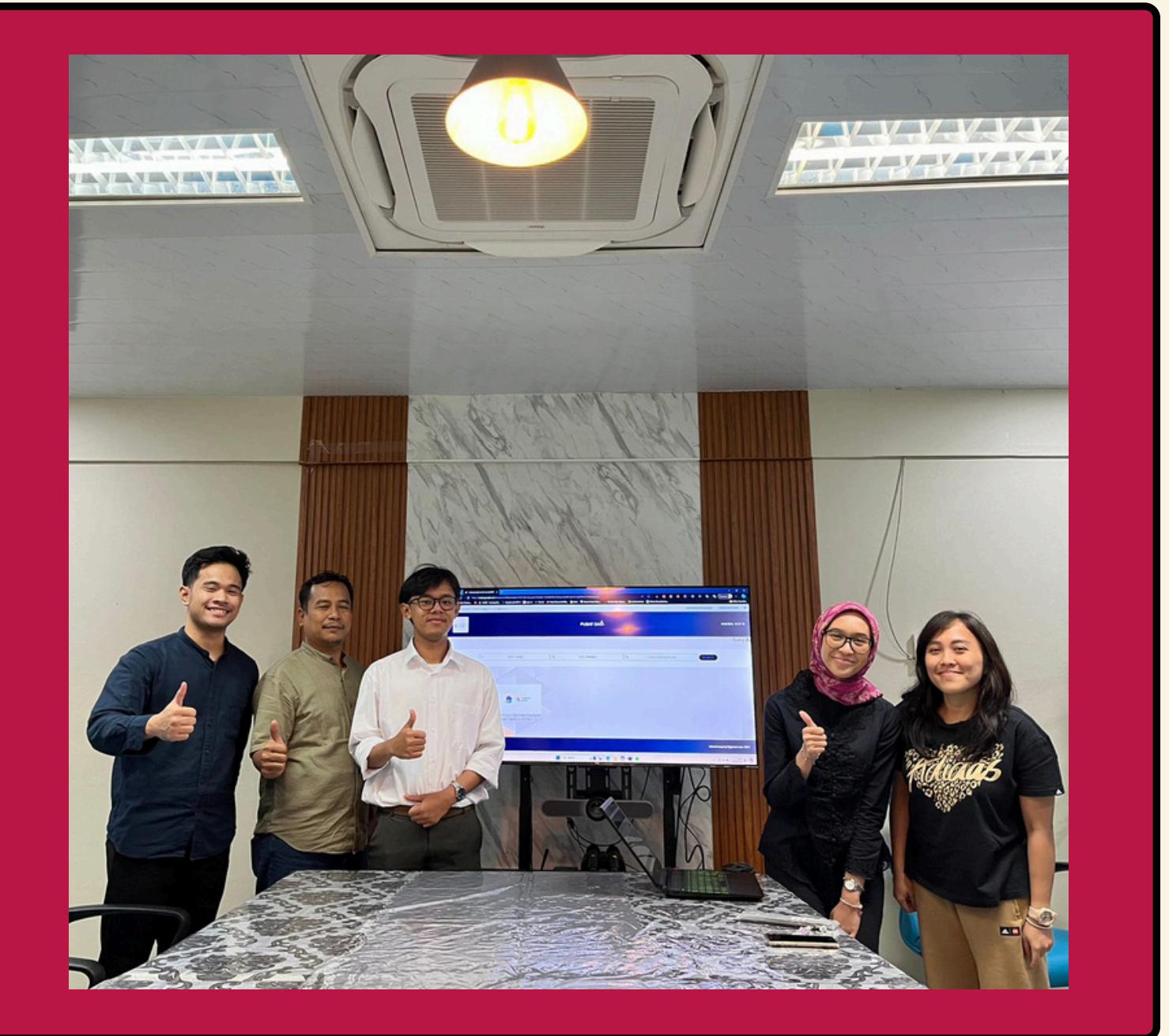


GIT



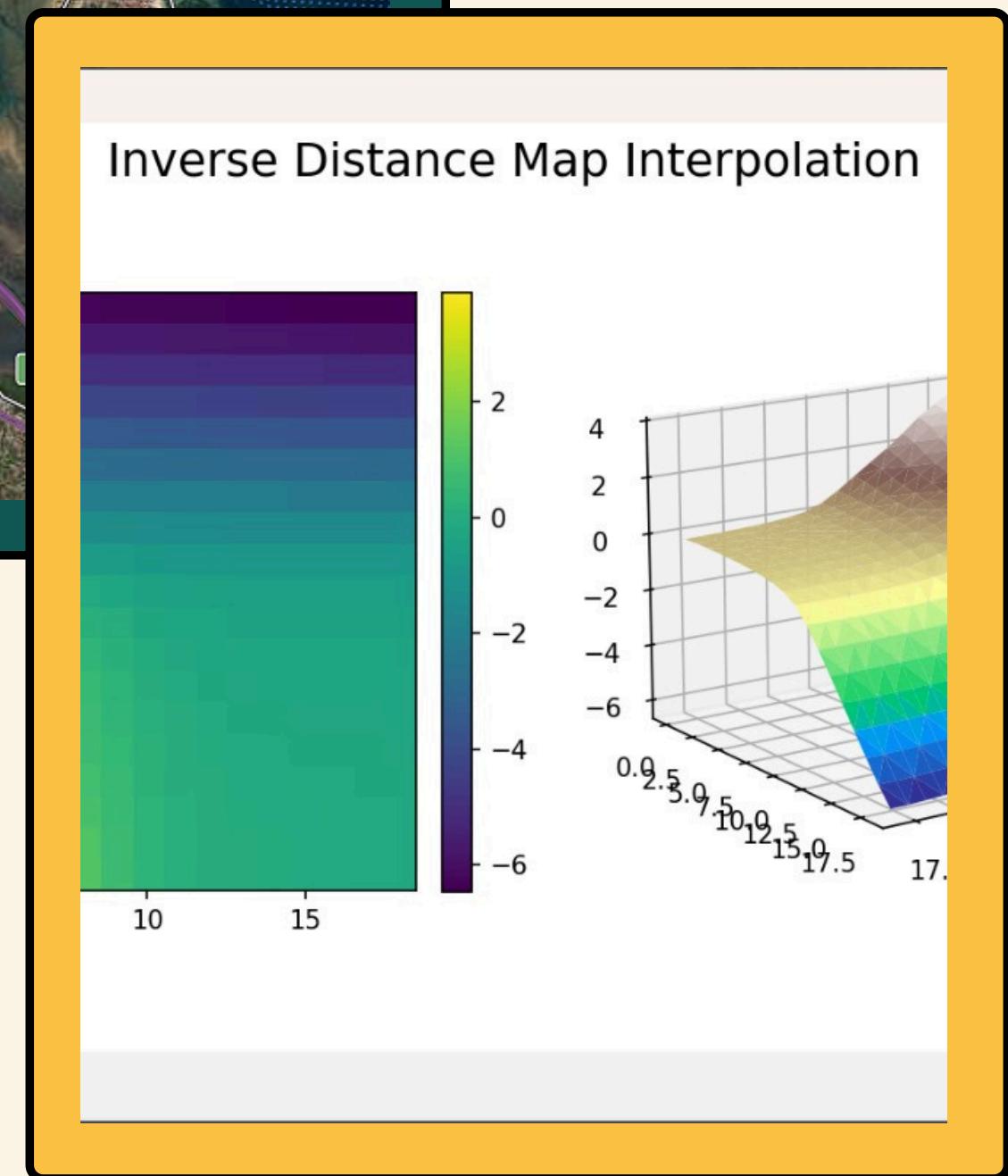
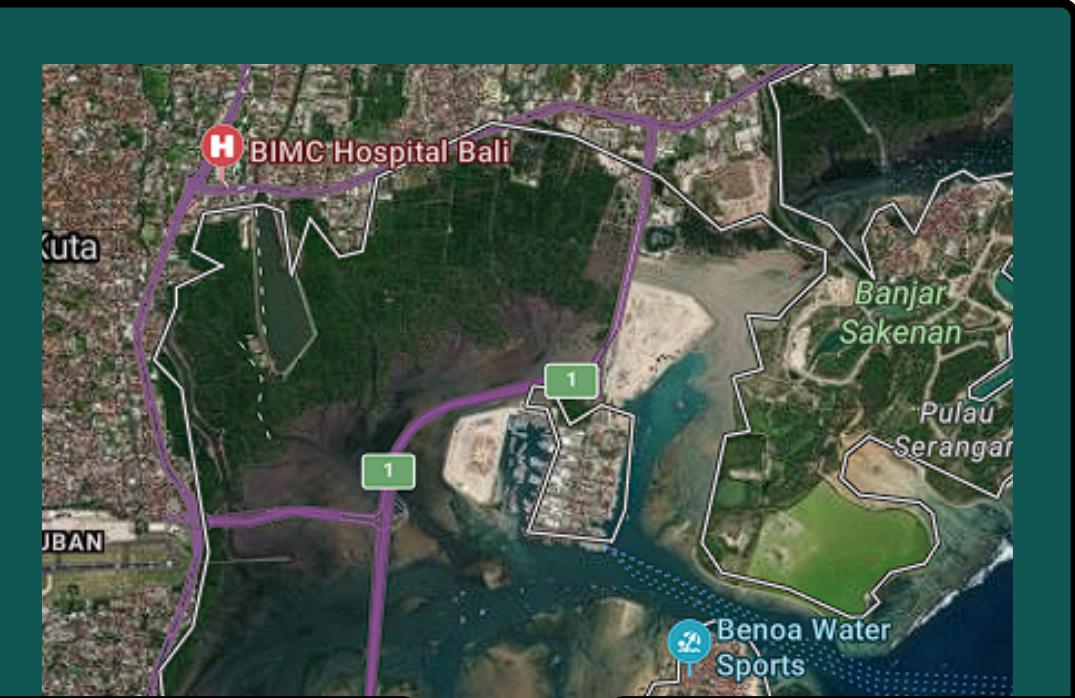
INTERN (2024) - INTEGRATED WEB & APP DEVELOPMENT WITH GOOGLE SHEETS

Developed a CRUD-based web archiving system and a simple application integrated with Google Sheets. The system allows users to add, edit, delete, and search data in real time, improving information management efficiency through more flexible accessibility.



RESEARCH ASSISTANT (2024) - TOPOGRAPHIC MAPPING RESEARCH – BALI

- Conducted topographic gridding research at a specific location in Bali under the supervision of Dr. Putu Harry Gunawan.
- Collected and analyzed CSV data to automate the processing of topographic information in support of the research objectives.



RESEARCHER (2024) & LAB ASSISTANT (2025) – SECULAB, TELKOM UNIVERSITY

RESEARCH BLOCKCHAIN-POWERED E-VOTING WEB DEVELOPMENT:



- Designed and developed a Blockchain-based e-voting system using Solidity.
- Integrated a local Ethereum blockchain from Ganache with MetaMask to ensure transaction security in voting.

The screenshot shows a web-based e-voting platform titled "E-voting Pemilu Smart Choices". The interface includes a sidebar with navigation links like Home, Issues, Candidates, and About Us, and a main content area for "Issues". One issue listed is "Transisi Energi & Pengurangan Emisi" (Energy Transition & Emission Reduction), which discusses energy transition and environmental issues. Other sections visible include "TATA KELOLA PEMERINTAHAN" (Government Governance), "EKONOMI, INDUSTRI & PEMBANGUNAN" (Economy, Industry & Development), and "KESETARAAN & INKLUSI KELUARGA" (Family Equality and Inclusion).

SECURITY LABORATORY STUDY GROUP



Delivered an open study session at Telkom University introducing the basics of cybersecurity for beginners. Explained how digital attacks happen, how to stay safe online, and demonstrated simple tools used to explore and protect computer systems.



COURSES



GOOGLE IT SUPPORT FUNDAMENTALS



Completed a foundational course in IT support covering troubleshooting, networking, operating systems (Windows & Linux), system administration, and basic cybersecurity.

ROBOTIC SIMULATION WITH ROS – THE CONSTRUCT



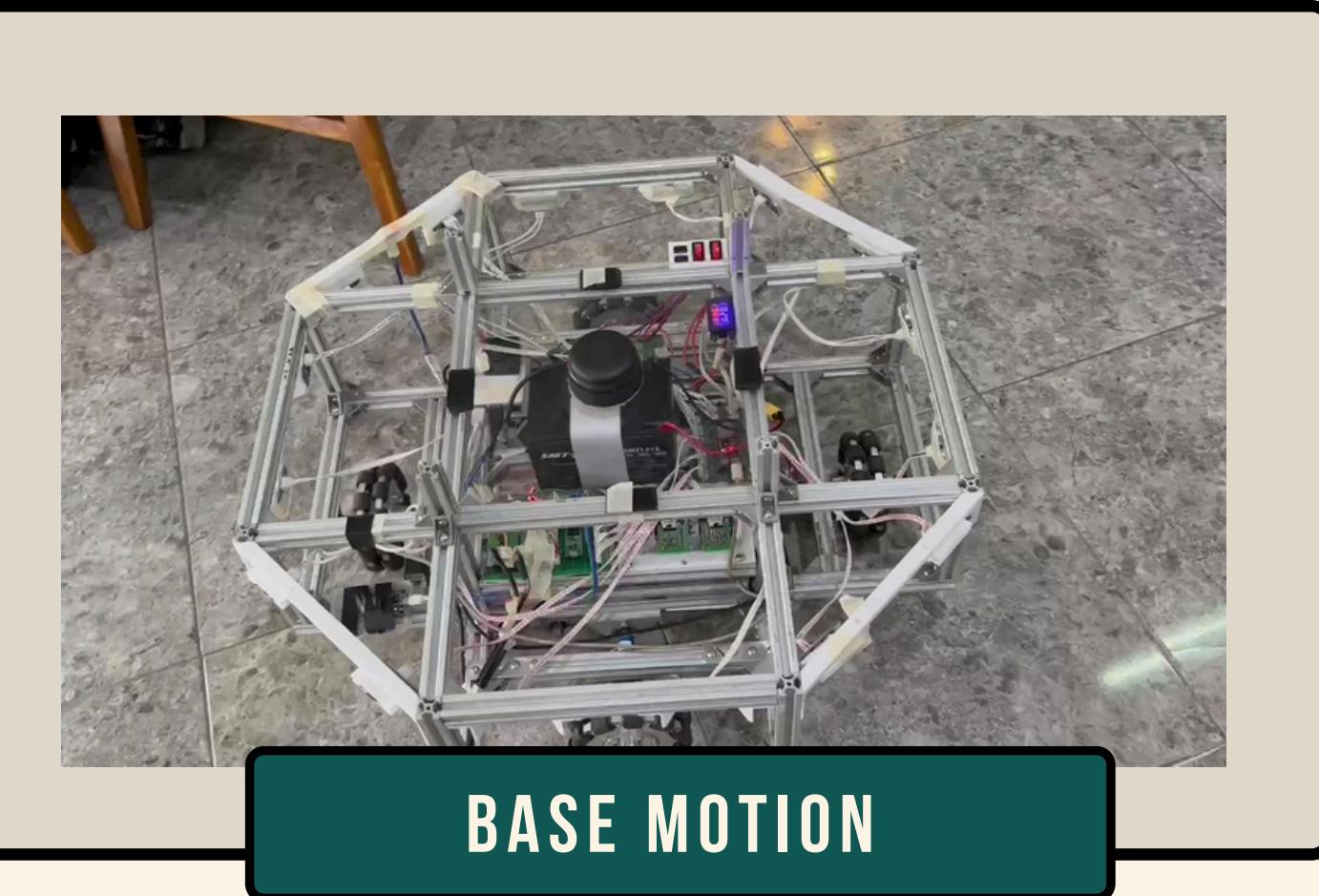
- Developed a robot simulation using Webots integrated with ROS to build a robotic system.
- Implemented VR technologies to control and simulate interactive robotics, enhancing user experience and efficiency in robotic scenarios.

STILL WORKING-ON

T.I.F.A (Tel-U Interactive Food Assistant) is a collaborative project as a requirement for completing the Final Project course in the 8th semester.



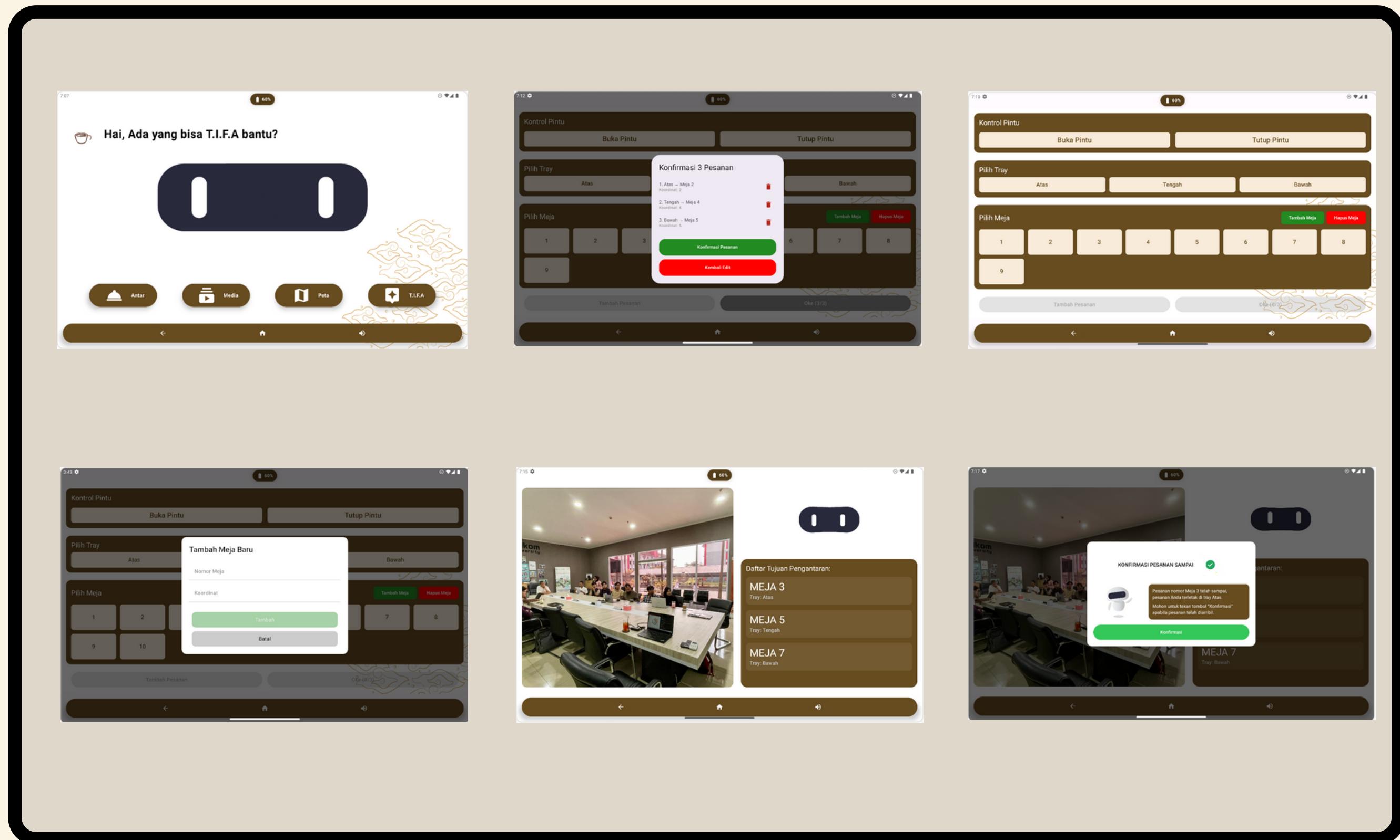
TIFA BODY ON 3D



TIFA APP

TIFA APP

TIFA App is a fullstack application I personally developed as part of my undergraduate thesis at Telkom University. The app serves as a user interface (UI) for interacting with a robot assistant named T.I.F.A., designed to assist in managing table deliveries in a smart service environment, such as a smart café.



let's work
TOGETHER
