LAPORAN TUBES
PEMROGRAMAN PERANGKAT BERGERAK

TUBES

Disusun Oleh :

Kelompok Tambak

Ikan Mina Jaya:

- **Andika Rifki Pratama**

- **Hafizh Dwi Andhika Faruq**

- **Farrel Izaz Yuwono**

- **Haikal Fadhilah Mufid**

- **Ardhian Dwi Saputra**

S1SE-07-01

Asisten Praktikum :
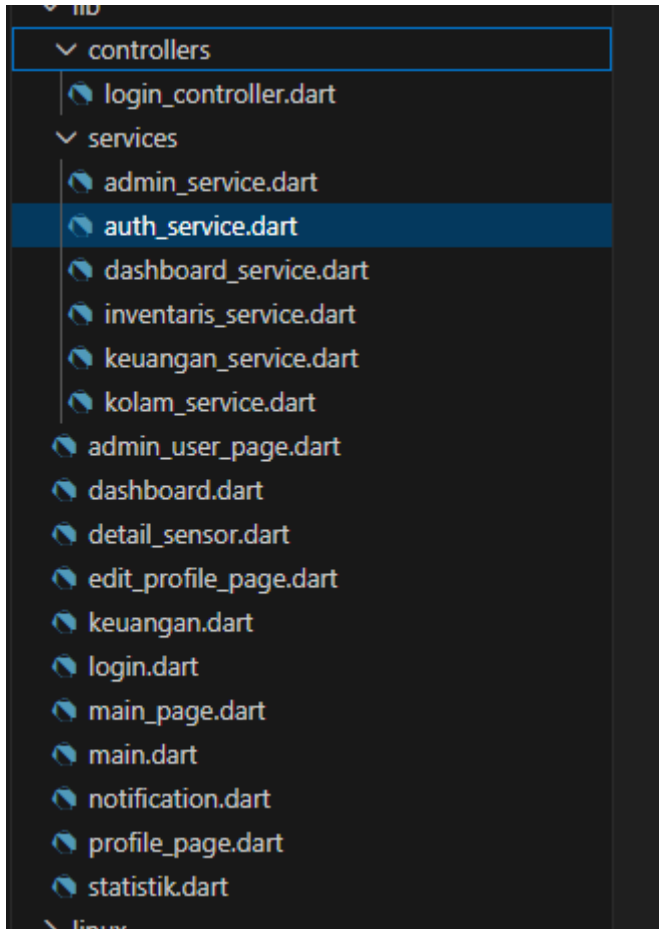
Nita Fitrotul Mar'ah

Aflah Rizkyadhafin Nurfikri

Dosen Pengampu :

Yudha Islami Sulistya, S.Kom., M.Cs.

PROGRAM STUDI S1 SOFTWARE ENGINEERING

FAKULTAS INFORMATIKA

TELKOM UNIVERSITY PURWOKERTO

Struktur kode

Sudah merevisi hal yang diminta saat diskusi dengan Pak Yudha, yaitu menambahkan Controller dan GetX. Sudah menambahkan hal hal yang kurang seperti:

- Edit Profil
- Controller
- Pie Chart
- Panen (menyambungkan ke backend)
- Menu Admin pada mobile di bagian profile

ScreenShoot Linkedin

Haikal Fadhilah • You
Student at Telkom University
now • 🌐

🚀 Capstone Project – Mobile Programming | Tambak Ikan Mina Jaya 📱 🎥

Proud to share our capstone project: Tambak Ikan Mina Jaya, an Android-based application designed to digitalize and improve fish pond management.
This application helps pond owners and fish farmers move from manual operations to a more efficient, transparent, and measurable digital system.

🔍 Project Overview
Tambak Ikan Mina Jaya is a mobile application that supports fish pond operations such as real-time monitoring of water quality (temperature, pH, oxygen levels), feed status, fish growth, harvest records, and financial management.
The system centralizes operational data, enabling admins and farmers to monitor and manage pond activities more effectively through smartphones.

🤝 Team Collaboration
✅ Developed Android front-end interfaces based on Figma designs
✅ Implemented dashboard features for real-time pond monitoring
✅ Integrated data display for water parameters, fish types, and sensor status
✅ Built application navigation between Home, Statistik, Panen, and Keuangan pages
✅ Ensured UI consistency and usability through testing and refinement
✅ Analyzed problems in traditional pond management workflows
✅ Designed digital solutions aligned with real operational needs
✅ Collaborated on system architecture, feature planning, and Git workflow
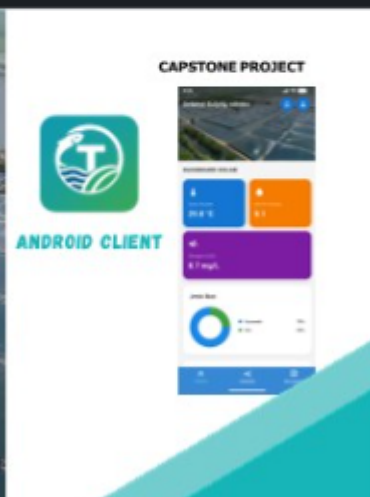✅ Maintained structured folder organization and version control

🛠️ Development Tools & Technologies
Flutter (Dart), Figma, Visual Studio Code, GitHub, OpenAI, Gemini, GitHub Copilot

📖 Key Takeaways
This project enhanced our understanding of mobile application development, real-time monitoring concepts, UI/UX design for operational systems, teamwork, and how digital technology can directly support productivity and decision-making in the fisheries sector.

Thanks to my team Hafizh Dwi Andhika Faruq, Ardhian Dwi Saputra, Andika Rifki Pratama, and Farrel Izzaz Yuwono

👍 Like   💬 Comment   🔁 Repost   ➤ Send

Jika ingin run mobile, pastikan untuk Pull
https://github.com/DuckyDash/PPW_TUBES.git

Karena mobile sepenuhnya berjalan menggunakan laravel.

Link Video Presentasi Tubes
https://www.youtube.com/watch?v=uMSFps2DNx4

Link Github TUBES PPB
https://github.com/NekoDesu-cyte/Tubes_PPB_Tambak.git

Link postingan Linkedin
https://www.linkedin.com/posts/haikal-f-049b26224_tambak-ikan-mina-jaya-activity-7415277921507971072-E2II?utm_source=share&utm_medium=member_desktop&rcm=ACoAADhoTrkBRCvxZU_Yf8fSTeUpLIPeTg9LD8U