



MOBILE APPS DEVELOPER

BANK MANDIRI

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INTRODUCTION

Saya **Muhamad Bayu Fadayang (Bayu)**, mahasiswa tingkat akhir Ilmu Komputer di Universitas Pakuan. Saya mengikuti program **Bank Mandiri Mobile Apps Developer Project Based** di Rakamin untuk menambah skill, portofolio, dan belajar hal baru. Minat saya di **Mobile/Android Development**, khususnya **Kotlin** dan integrasi API.

TENTANG TASK 5



- **Output:** News App “BayNews” (Kotlin + Jetpack Compose)
- **Data Source:** NewsAPI (Base URL: newsapi.org)
 - v2/top-headlines (category, pageSize, apiKey)
 - v2/everything (q, page, pageSize, apiKey)
- **Fitur yang dibuat:**
 - Headline section + list berita
 - Detail berita
 - Infinite/Endless scrolling (pagination)
 - Loading / empty / error state
 - Tambahan: Splash Screen & Profile Page
- **Yang dipelajari:** konsumsi REST API + parsing JSON, pagination, UI list/detail, debugging & handling error network
- **Tantangan:** pertama kali membangun project Kotlin-Compose → belajar konsep dasar Compose, state management, dan konfigurasi project (Gradle/dependency)

Final Project Virtual Internship: News App

DEMO APLIKASI



The image displays five screenshots of a mobile news application named "BayNews".

- Screenshot 1:** Home screen showing the "mandiri" logo and "BayNews" title with a loading icon.
- Screenshot 2:** "Top Headlines" section. Headline: "Restaurants' hottest menu item in 2025 was 'value.' That won't change next year - CNBC". Source: CNBC. Published: 2025-12-19T00:14:13Z.
- Screenshot 3:** "Latest News" section. Headline: "TikTok owner signs deal to sell US business". Source: BBC News. Published: 2025-12-19T00:14:13Z.
- Screenshot 4:** "Detail" view of the TikTok news article. Includes a large image of a smartphone displaying the TikTok logo and the headline again.
- Screenshot 5:** "Profile" screen for a user named "Bayu (Ba)". It shows the user's email (bayu.065121100@unpak.ac.id) and links to their GitHub Repository and LinkedIn Profile.

Each screenshot includes a timestamp (e.g., 20:51, 20:52, 20:53), signal strength, battery level (58%), and a back arrow.

LINK VIDEO

Link Google Drive (APK, Screenshot, dan Video):

<https://drive.google.com/drive/folders/1SfMFcQx6WQi9HOh3Dogrmg-IntD5qZ9P?usp=sharing>



THANK YOU

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