

[illegible]

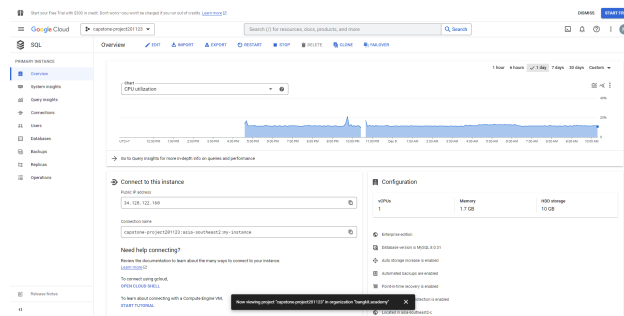
# Progress Report

## Product-based Capstone Project

### Project Progress Description:

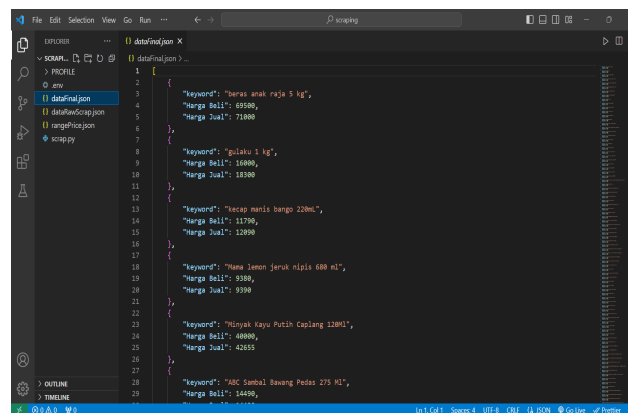
#### A. Cloud Computing

In the cloud computing division, significant progress around 70% has been made, including the successful creation of APIs, establishment of MySQL databases, and implementation of cloud storage, with relevant data populated in MySQL. Currently, efforts are underway to generate dummy data transactions for the machine learning division. However, the task of deploying the machine learning model has not been initiated yet.



#### B. Machine Learning

In the machine learning division, substantial progress has been achieved, with approximately 40% of the tasks completed. The team has successfully completed the scraping of primary data for the model. Currently, active development is underway for the first of two planned models. However, the initiation of work on the second model is still pending.



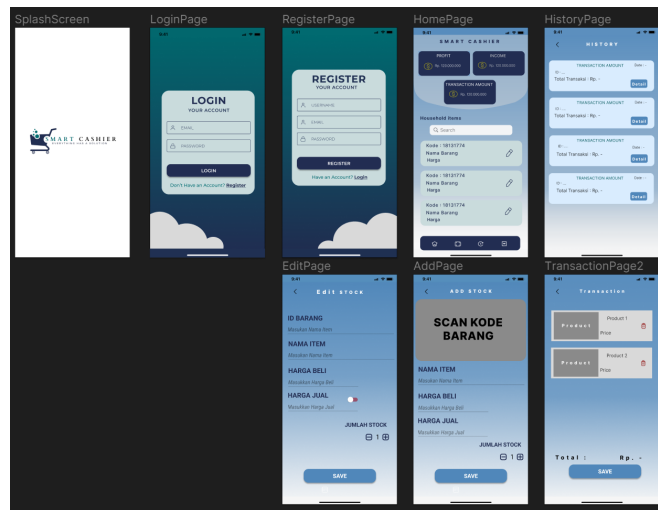
The screenshot shows a code editor with a file named 'datafinal.json'. The file contains a JSON array of product data. The data includes fields like 'keyword', 'harga beli', and 'harga jual'. The products listed are: 'Beras arak raja 5 kg', 'Gula 5 kg', 'Beras manis hanga 220kg', 'Masa Jero Jeruk nipis 600 ml', 'Minyak Kayu Putih Cair Lang 1200ml', and 'ABC Sambil Bawang Pedas 275 ml'.

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### C. Mobile Development

The completion of the Capstone Mobile Development project has reached 55% of the target. This includes UI/UX design using Figma, implementation into XML in Android Studio, and the creation of login and signup access for users. Various features for the Smart Cashier application have also been developed. Currently, the mobile development is awaiting the API or response from the Cloud Computing learning path to continue the Capstone project.



Our capstone project has reached 55% completion. In Cloud Computing (70%), we've created APIs, established MySQL databases, and implemented cloud storage. Machine Learning (40%) involves data scraping and ongoing model development. Mobile Development (55%) includes UI/UX design and login/signup features. Collaboration awaits the Cloud Computing API for Mobile Development to proceed. While meeting the 50% minimum requirement, our teams are actively advancing in their respective tasks.