Struktur folder  
ecommerce-backend/

├── controllers/

│ ├── authController.js

│ ├── productController.js

│ └── orderController.js

├── models/

│ ├── db.js

│ ├── User.js

│ ├── Product.js

│ └── Order.js

├── routes/

│ ├── authRoutes.js

│ ├── productRoutes.js

│ └── orderRoutes.js

├── middleware/

│ └── authMiddleware.js

├── uploads/

├── .env

├── server.js

├── package.json  
  
  
database nya  
-- Membuat Database 1

CREATE DATABASE ecommerce\_db1;

USE ecommerce\_db1;

-- Membuat tabel 'products'

CREATE TABLE products (

product\_id INT AUTO\_INCREMENT PRIMARY KEY,

product\_name VARCHAR(255) NOT NULL,

description TEXT,

price DECIMAL(10, 2) NOT NULL,

stock INT NOT NULL,

image\_path VARCHAR(255), -- Akan menyimpan path file gambar

rating DECIMAL(3, 2) CHECK (rating >= 0 AND rating <= 5), -- Rating antara 0 hingga 5

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP

);

-- Membuat tabel 'users'

CREATE TABLE users (

user\_id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL, -- Pastikan dienkripsi untuk penggunaan sebenarnya

email VARCHAR(100) UNIQUE NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

-- Membuat tabel 'orders'

CREATE TABLE orders (

order\_id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT,

total\_amount DECIMAL(10, 2) NOT NULL,

order\_status ENUM('Pending', 'Processing', 'Shipped', 'Delivered', 'Cancelled') DEFAULT 'Pending',

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(user\_id) ON DELETE CASCADE

);  
  
  
lib/

├── main.dart

├── screens/

│ ├── splash\_screen.dart

│ ├── login\_screen.dart

│ ├── register\_screen.dart

│ ├── home\_screen.dart

│ ├── product\_screen.dart

│ └── order\_screen.dart

├── models/

│ ├── product.dart

│ ├── user.dart

│ └── order.dart

├── services/

│ ├── api\_service.dart

│ └── auth\_service.dart

├── providers/

│ └── auth\_provider.dart

└── utils/

└── constants.dart

assets/

└── fonts/

├── Poppins-Regular.ttf

├── Poppins-Bold.ttf

└── Poppins-Italic.ttf