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Kelas : C
Mata Kuliah : Analisis dan Desain Sistem
Dosen Pengampu : Dr. Totok Dewayanto, SE, MSi, Ak, CA, CertDA

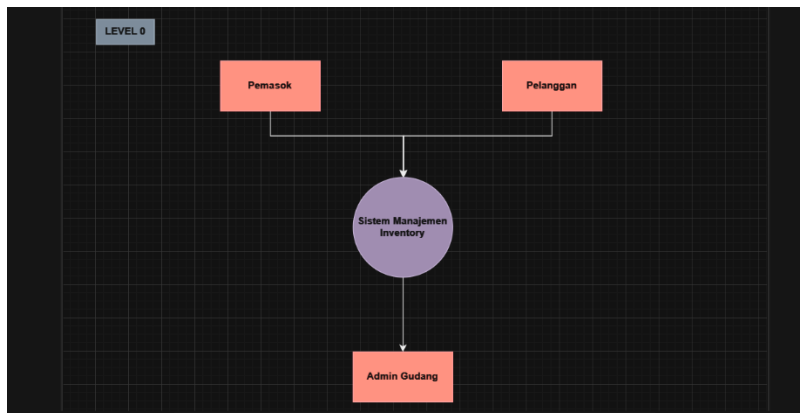
SISTEM MANAJEMEN INVENTORY

Study Case

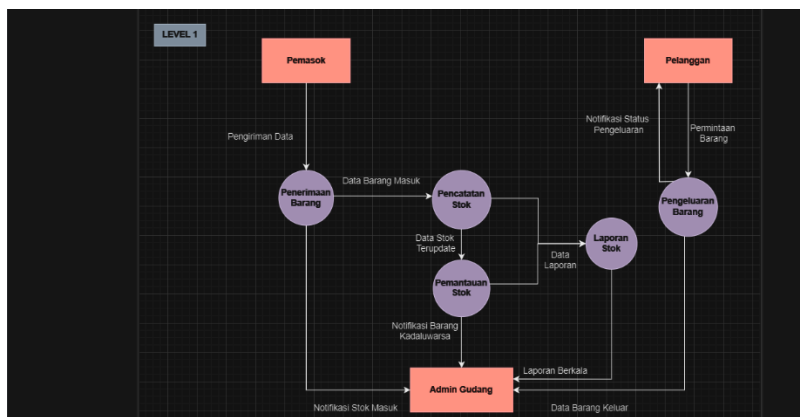
PT Cakra Medika Utama adalah perusahaan distribusi alat kesehatan yang menghadapi berbagai tantangan dalam pengelolaan inventory. Proses pencatatan barang masuk dan keluar masih dilakukan secara manual, mengakibatkan lambatnya akses informasi dan risiko kehilangan barang yang tidak terdeteksi, seperti barang kadaluarsa. Oleh karena itu, diperlukan sistem manajemen inventory yang lebih efisien.

DFD (Data Flow Diagram)

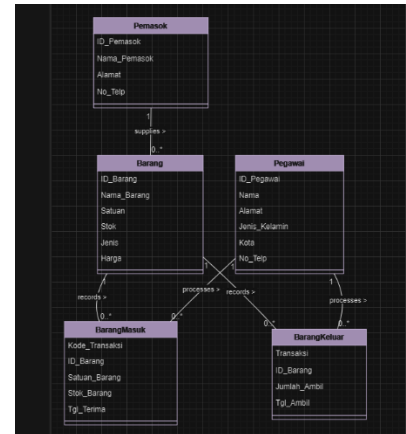
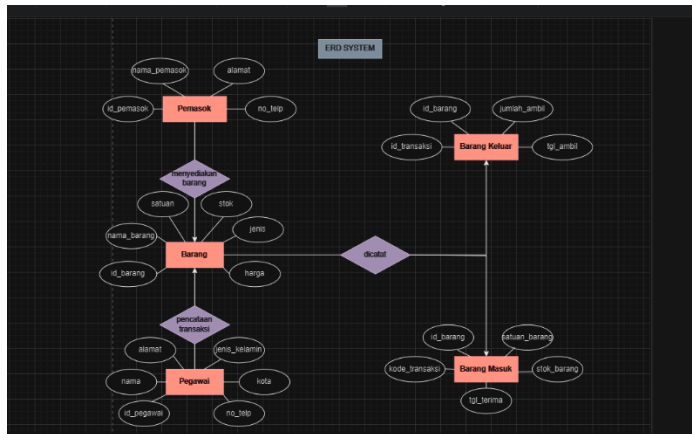
Level 0 : Diagram Konteks



Level 1 : Proses Utama



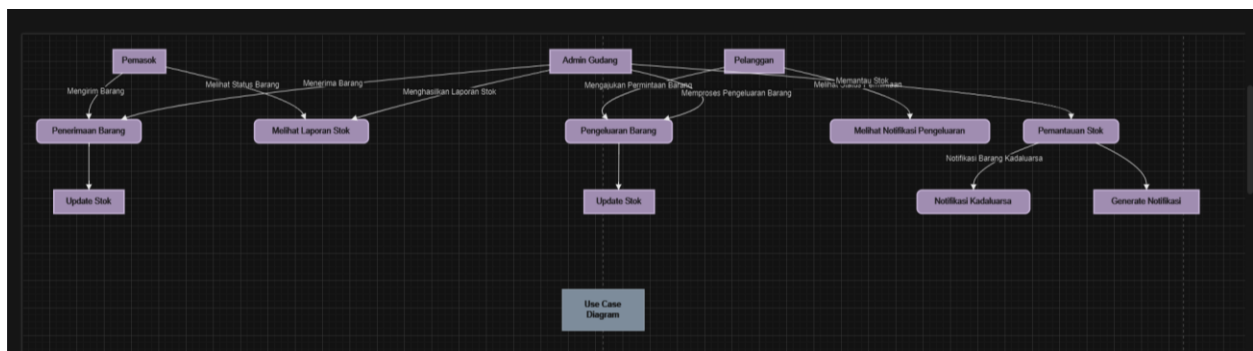
ERD (Entity Relationship Diagram)



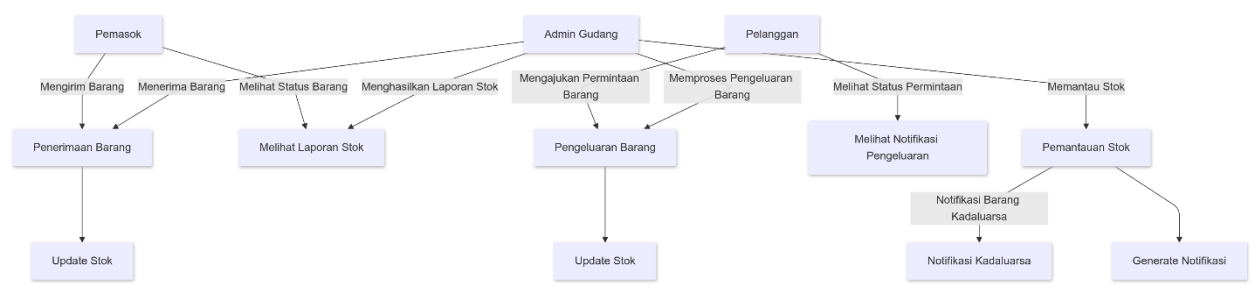
UML (Unified Modelling Language)

Use Case Diagram

➤ Draw.io

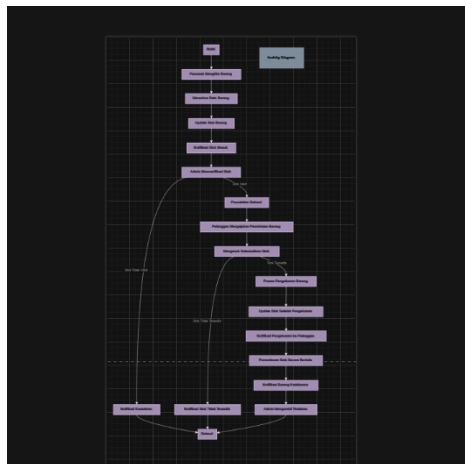
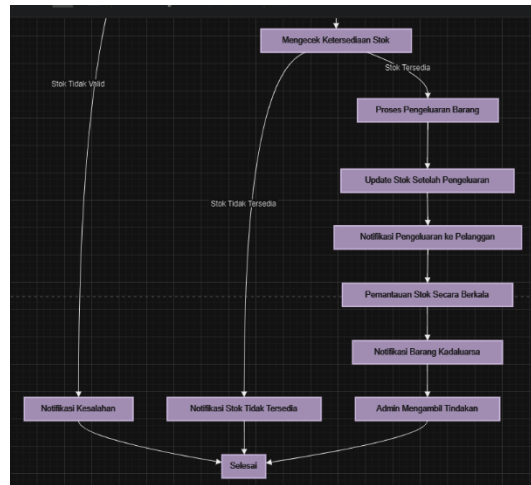
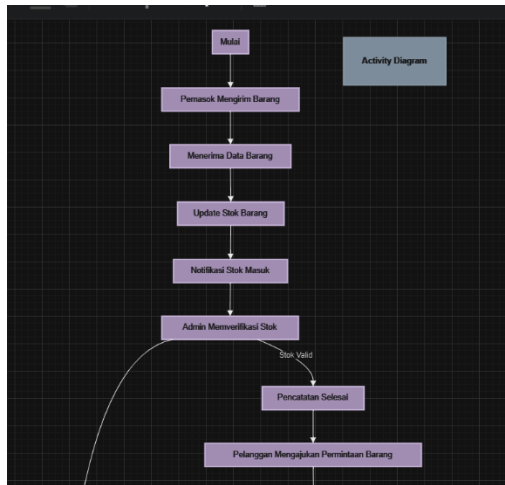


➤ Mermaid

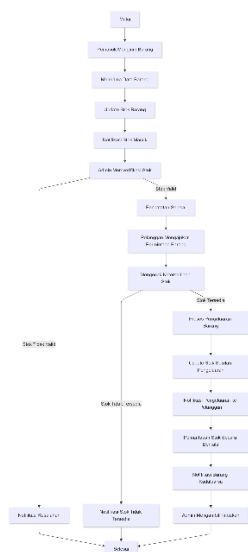


Activity Diagram

➤ Draw.io

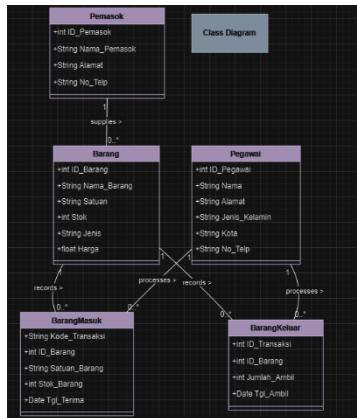


➤ Mermaid

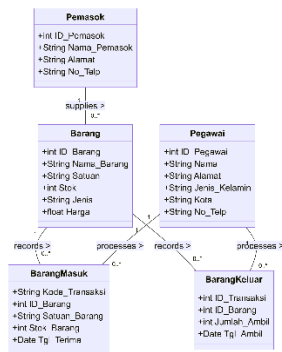


Class Diagram

➤ Draw.io

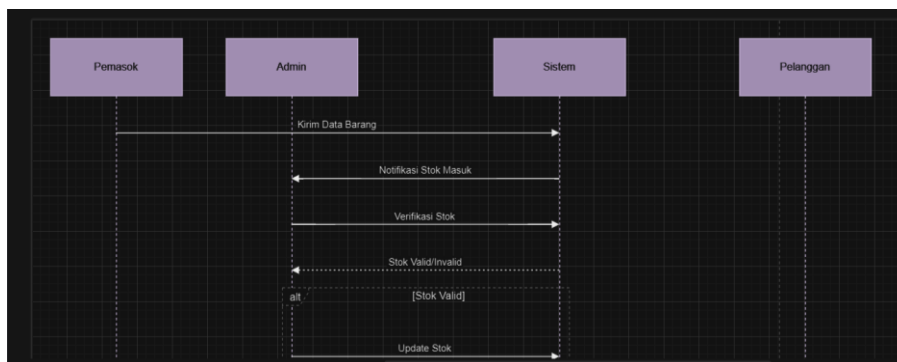


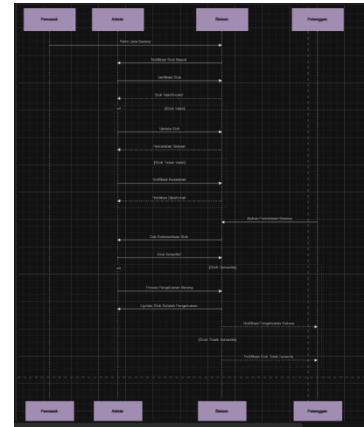
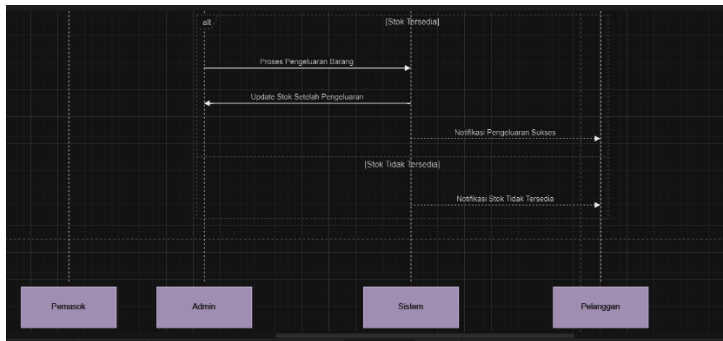
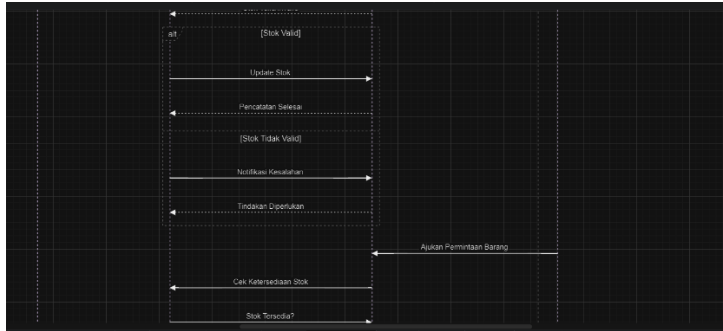
➤ Mermaid



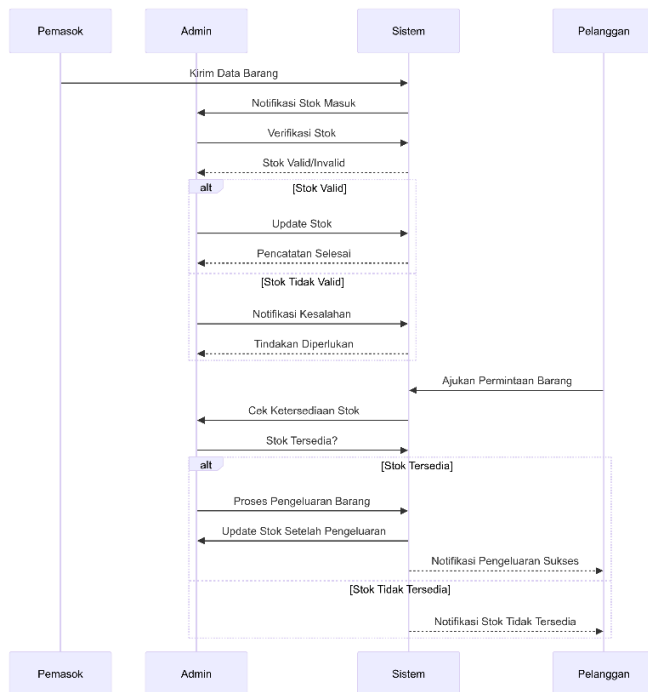
Sequence Diagram

➤ Draw.io



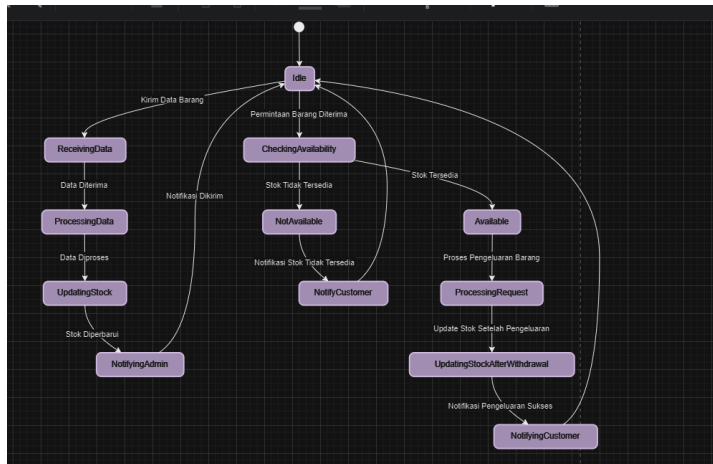


➤ Mermaid



State Diagram

➤ Draw.io



➤ Mermaid

