

2.6 Use Case Diagram and Explanation

2.6.1 Use Case Diagram

The following diagram illustrates the functional requirements of the proposed IslandLink Sales Distribution Network (ISDN) system and the interactions between different actors and the system.

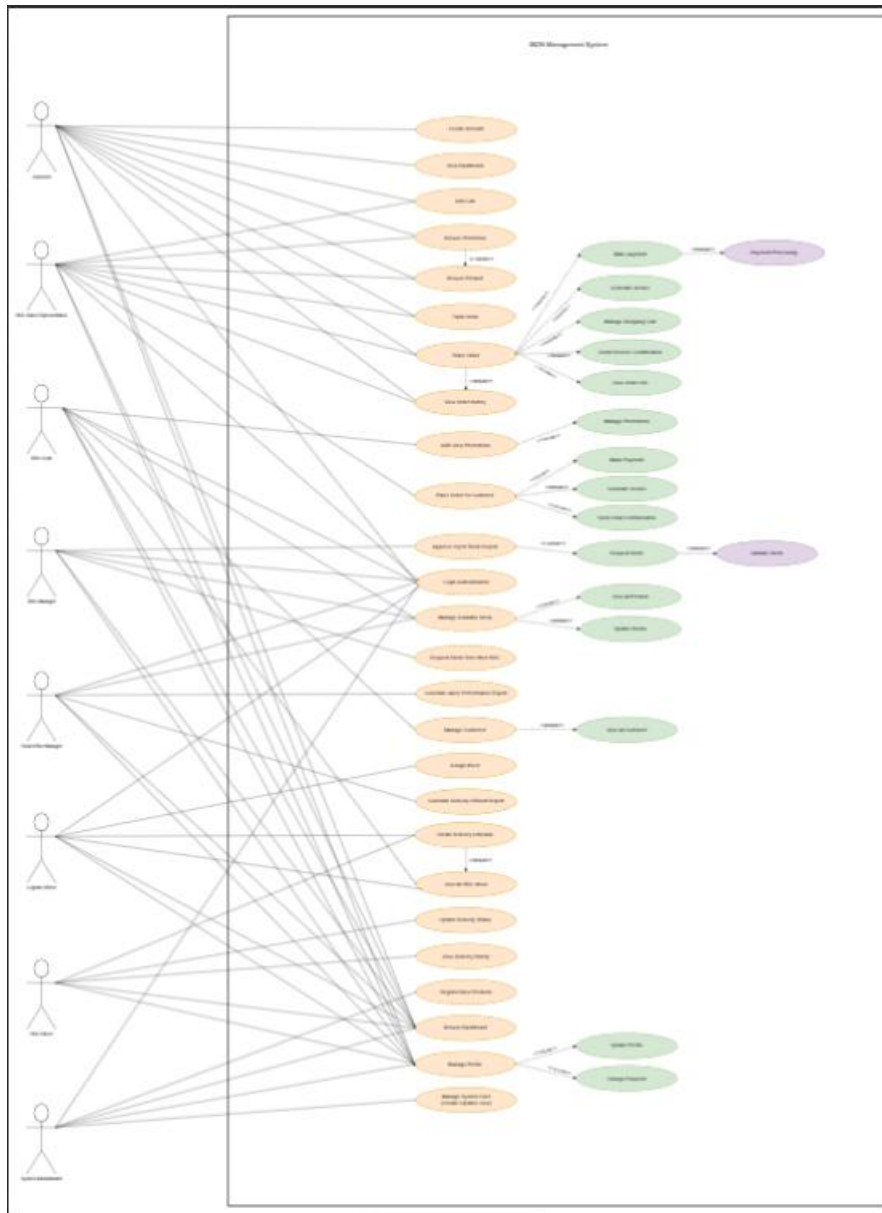


Figure 3 User Case Diagram

Figure 1 Use Case Diagram - reference

2.7.1. Class Diagram Overview

Reference--

<https://drive.google.com/file/d/1oI5-L0Cq5PGbzfM33ac9sio9QteIRdr2/view?usp=sharing>

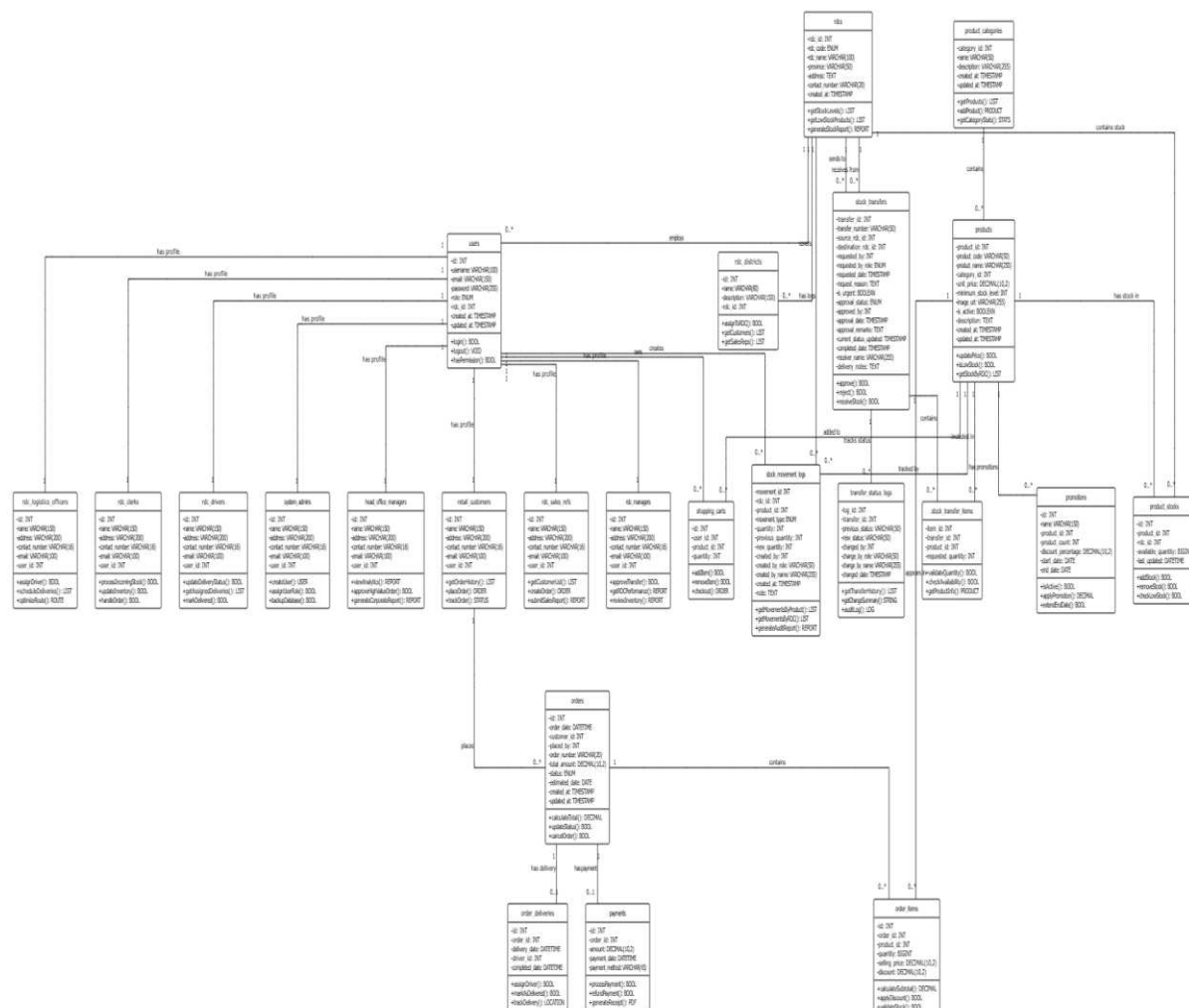


Figure 4 Class Diagram

critical processes. The modular organization of entities allows the system to scale while maintaining its consistency, reliability, and maintainability in an enterprise level inventory and distribution management system context

2.9 High-Level Architecture Diagram

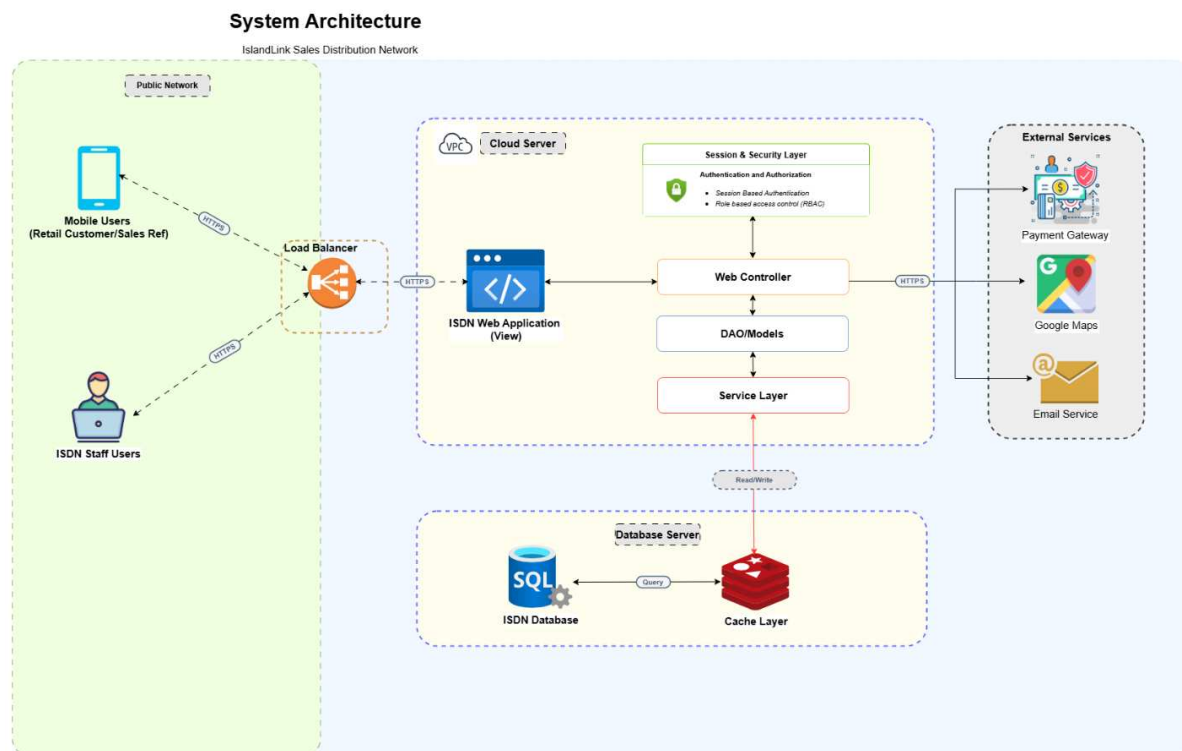


Figure 6 High-Level Architecture Diagram

2.9.1 Analysis of System Architecture

Overview

The IslandLink Sales Distribution Network (ISDN) presents as a comprehensive web-based system architecture designed to facilitate their island wide sales distribution operations. The