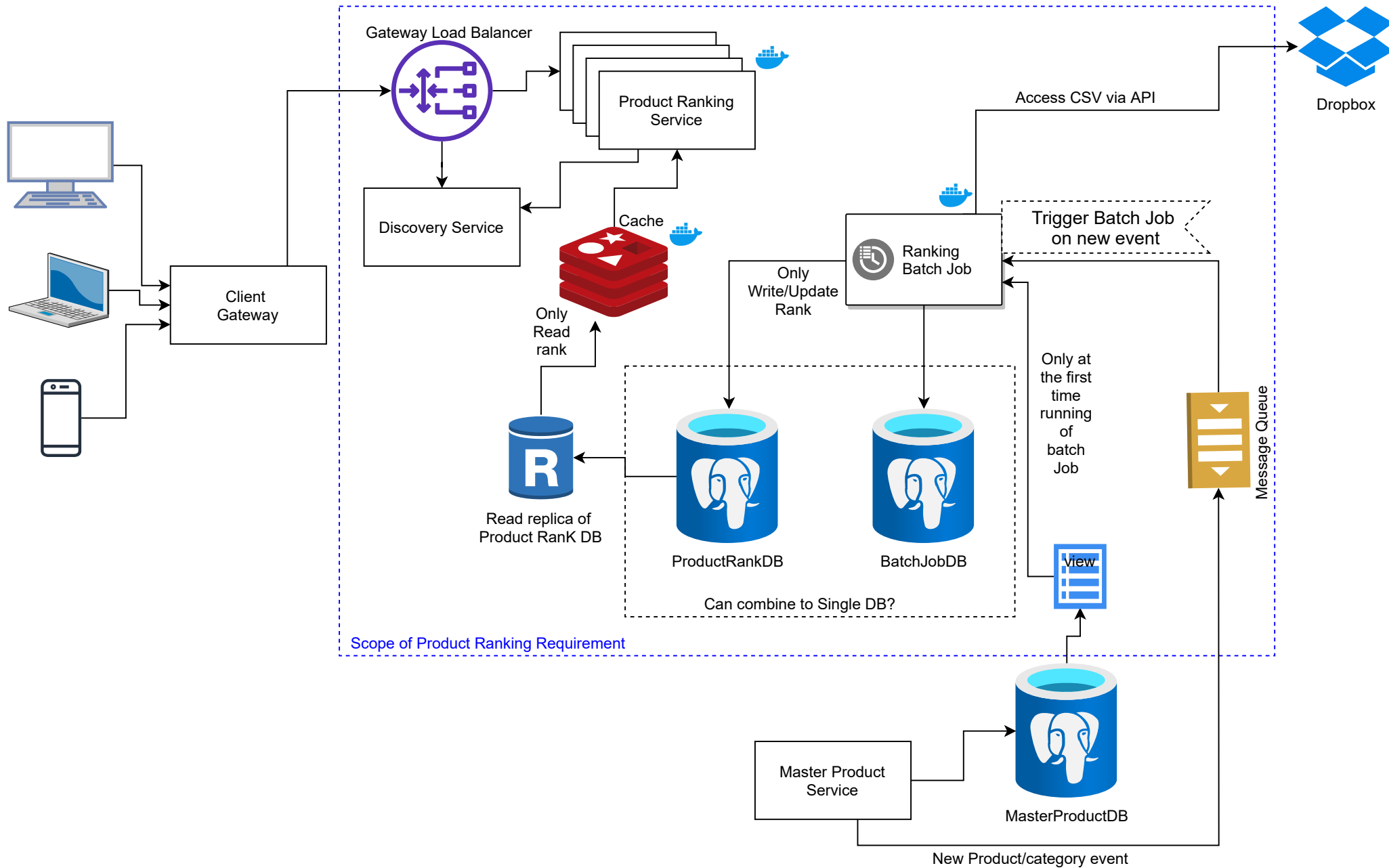
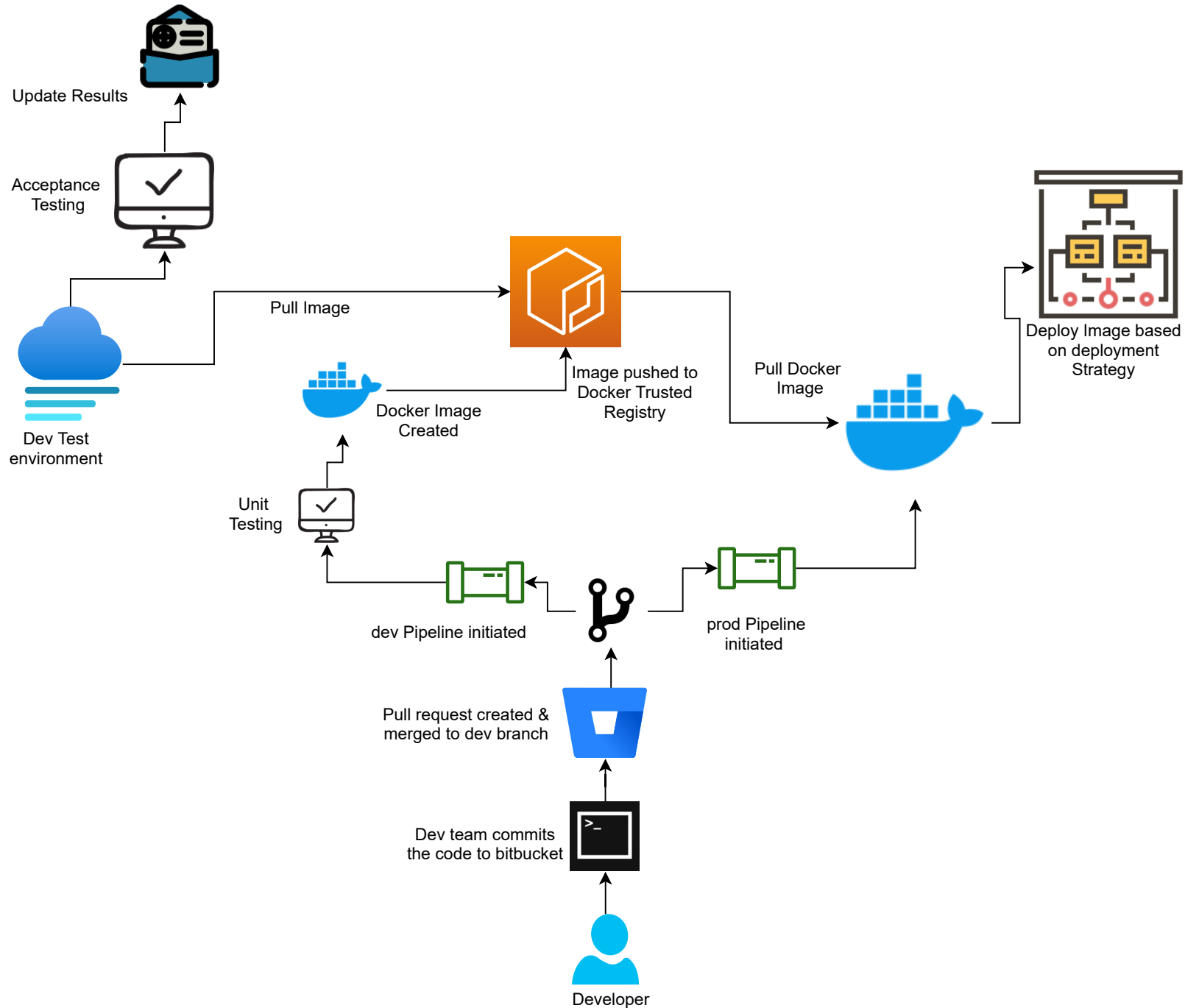


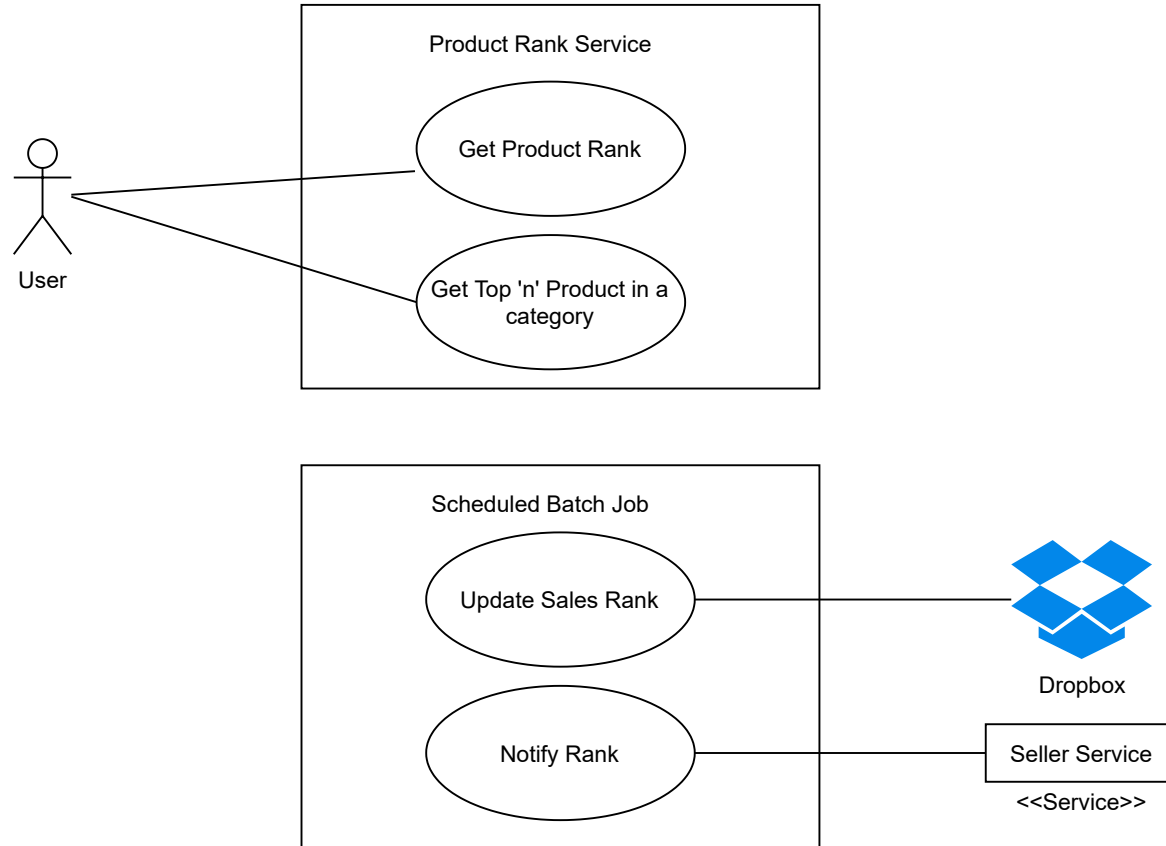
# High Level Architecture of Top Selling Product Requirement



# Deployment Architecture

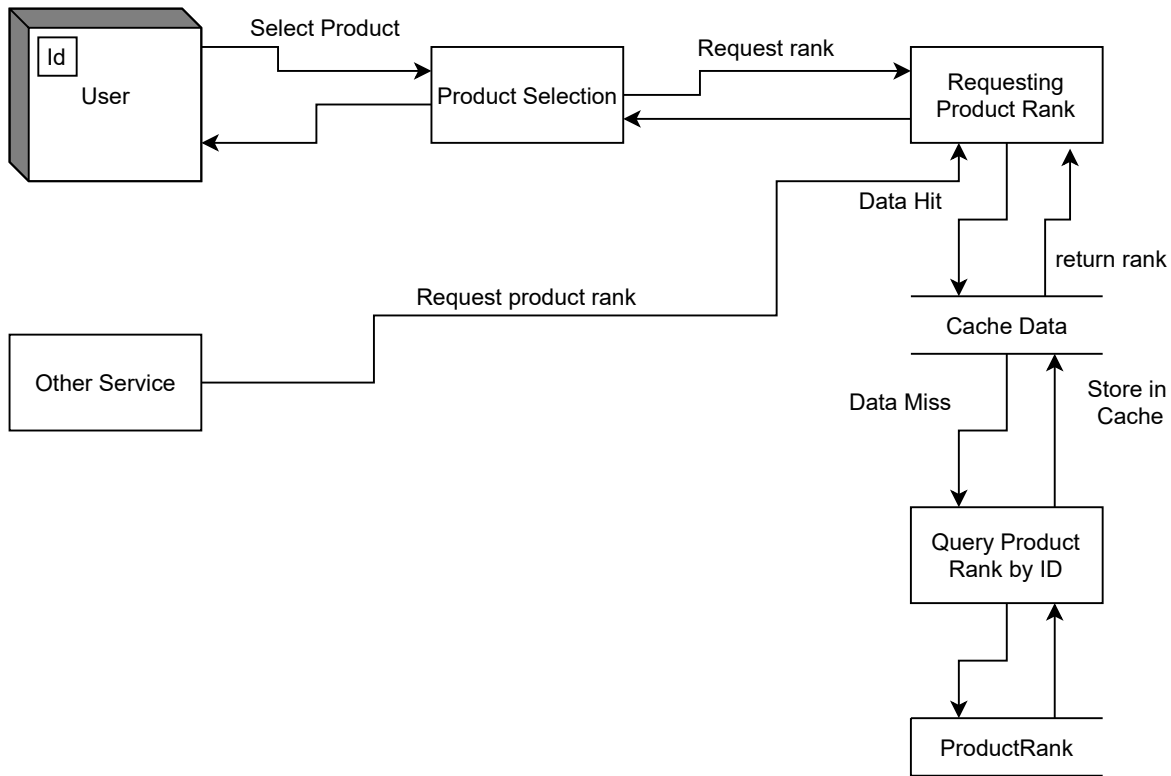


# Use Case Diagram

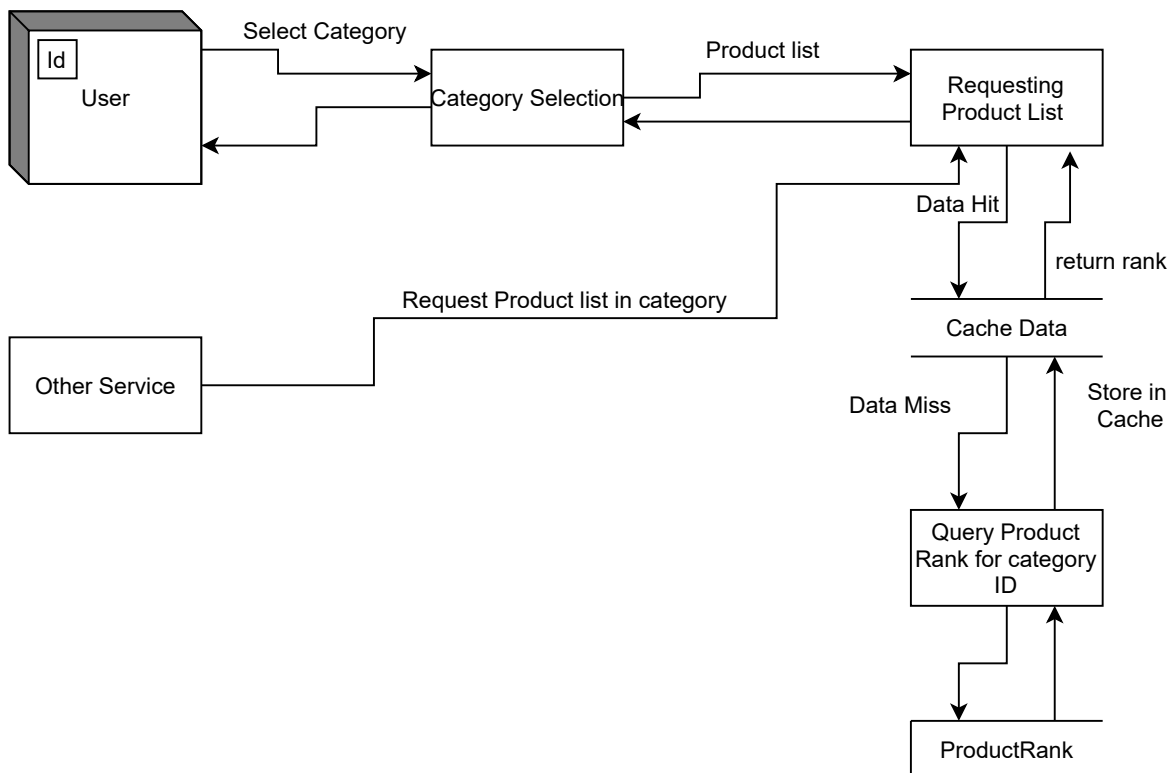


# Data Flow Diagram

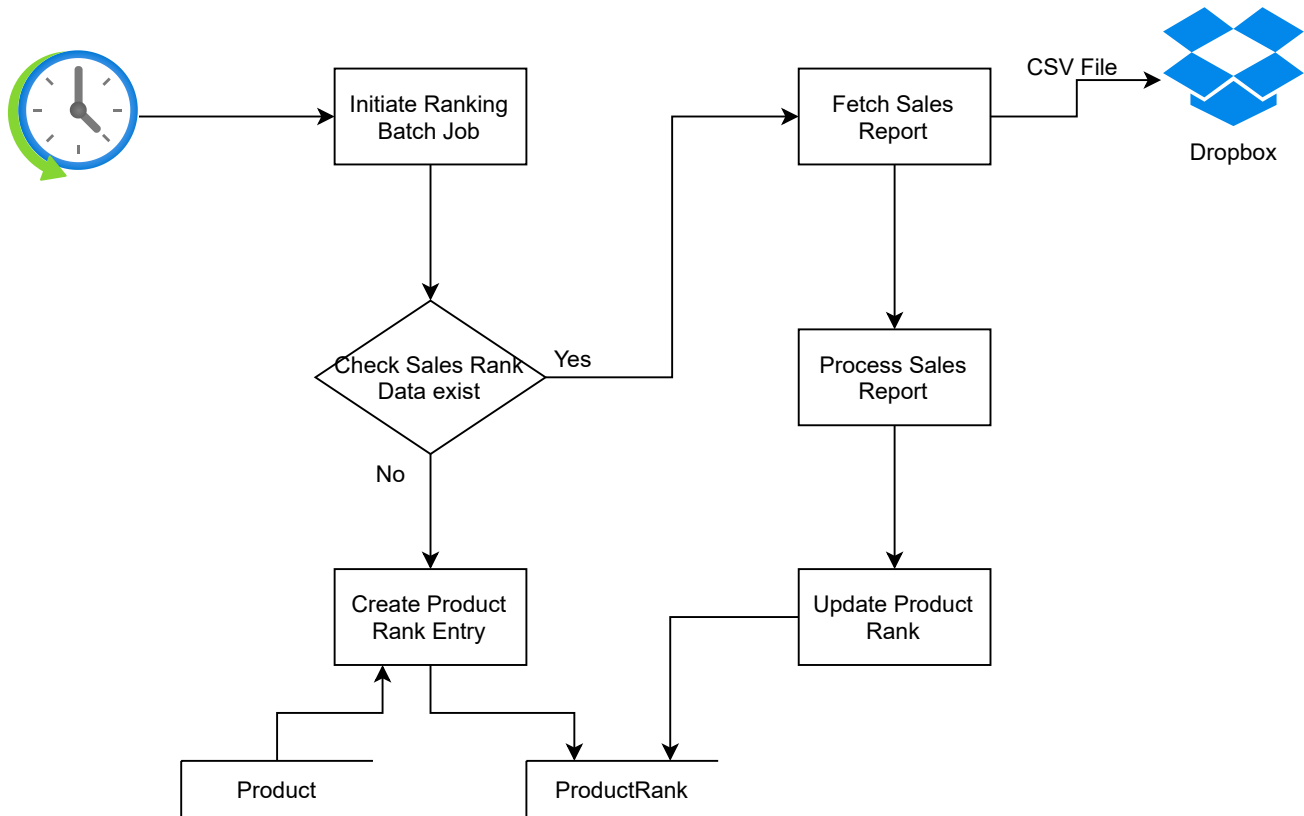
## 1. User Selecting Product/ Request product rank flow



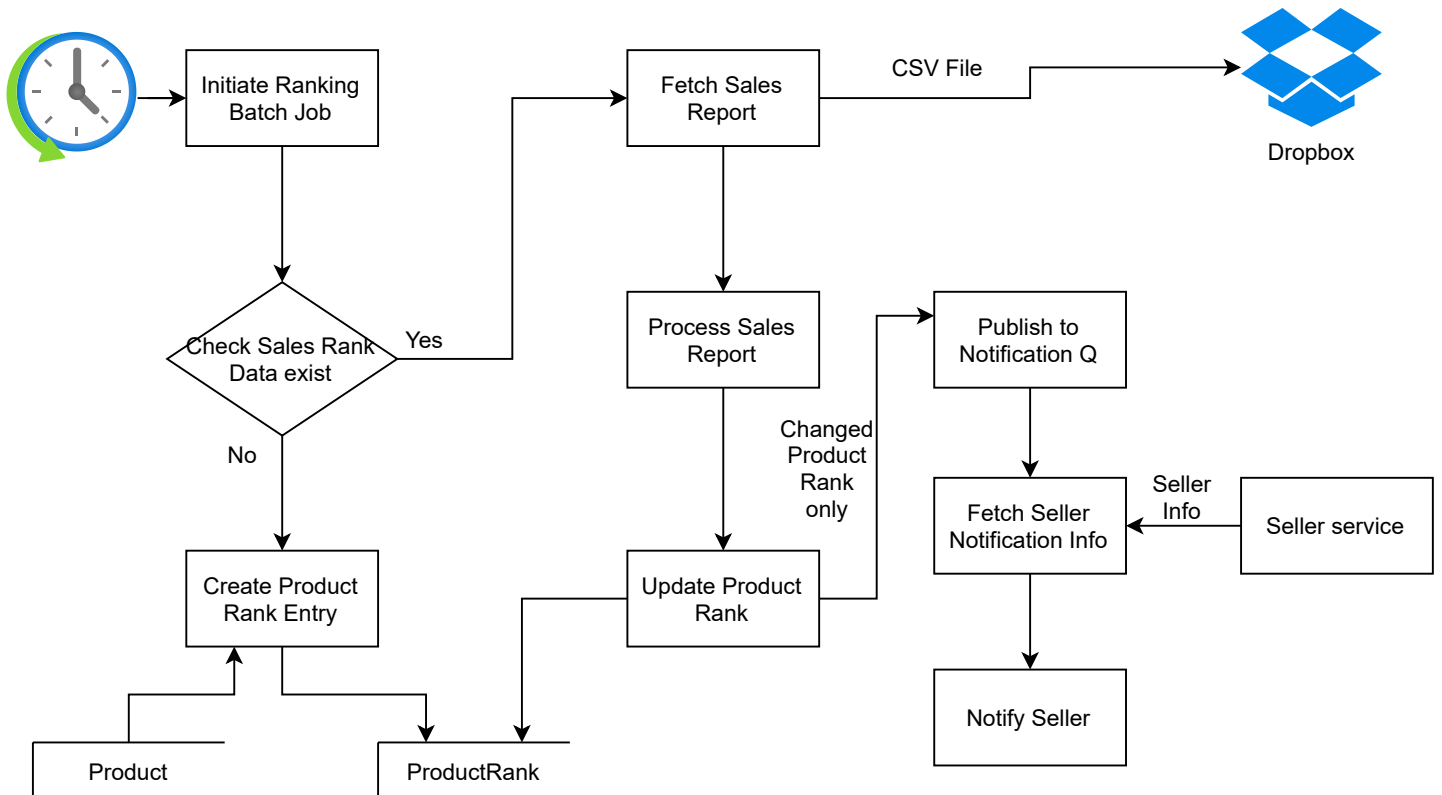
## 2. User requesting category / Request Top 'n' products in a category flow



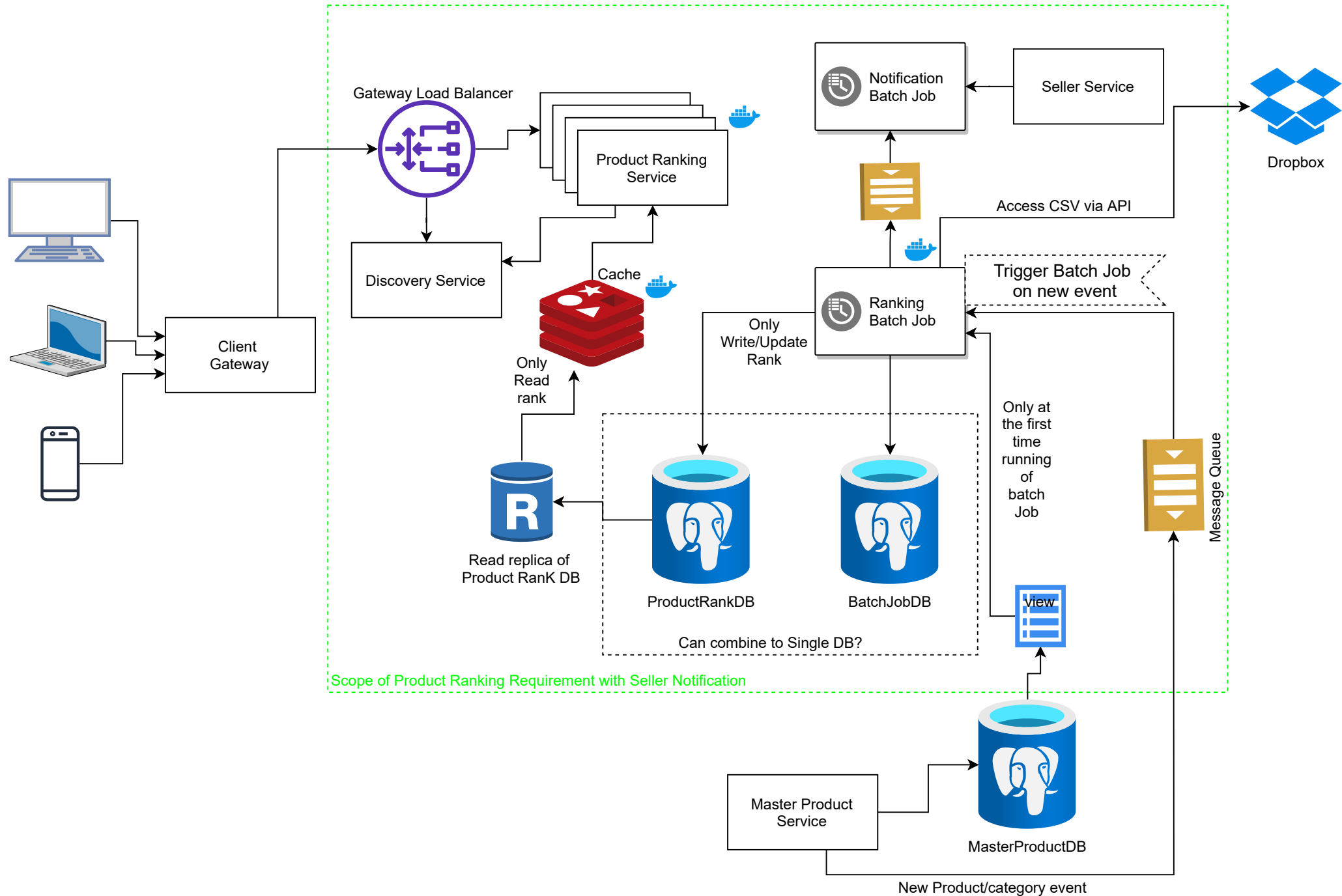
### 3. First Run of Batch Job/ On Scheduled Start



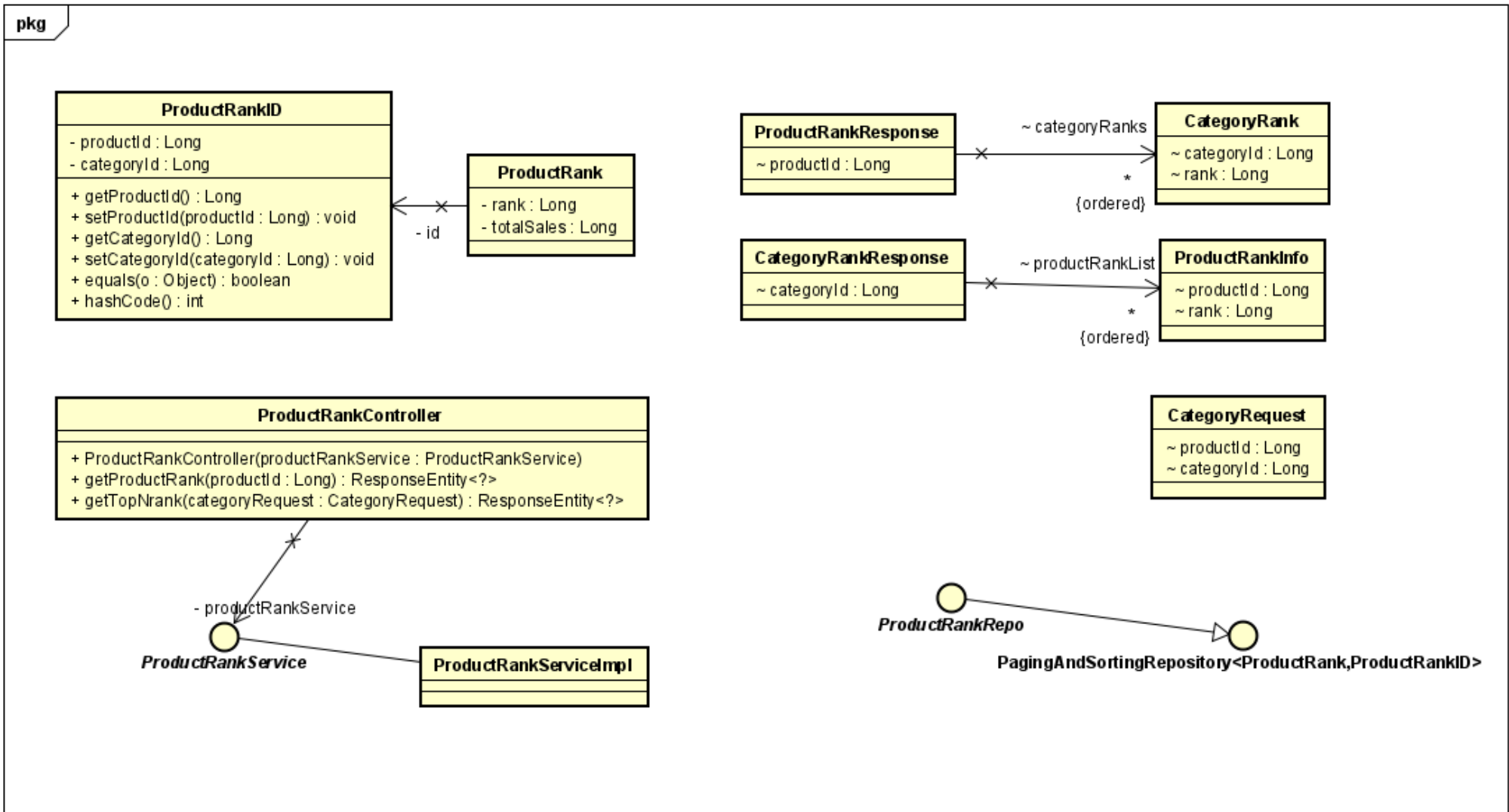
### 4. Integrating with Product Seller - With Separate Notification Service



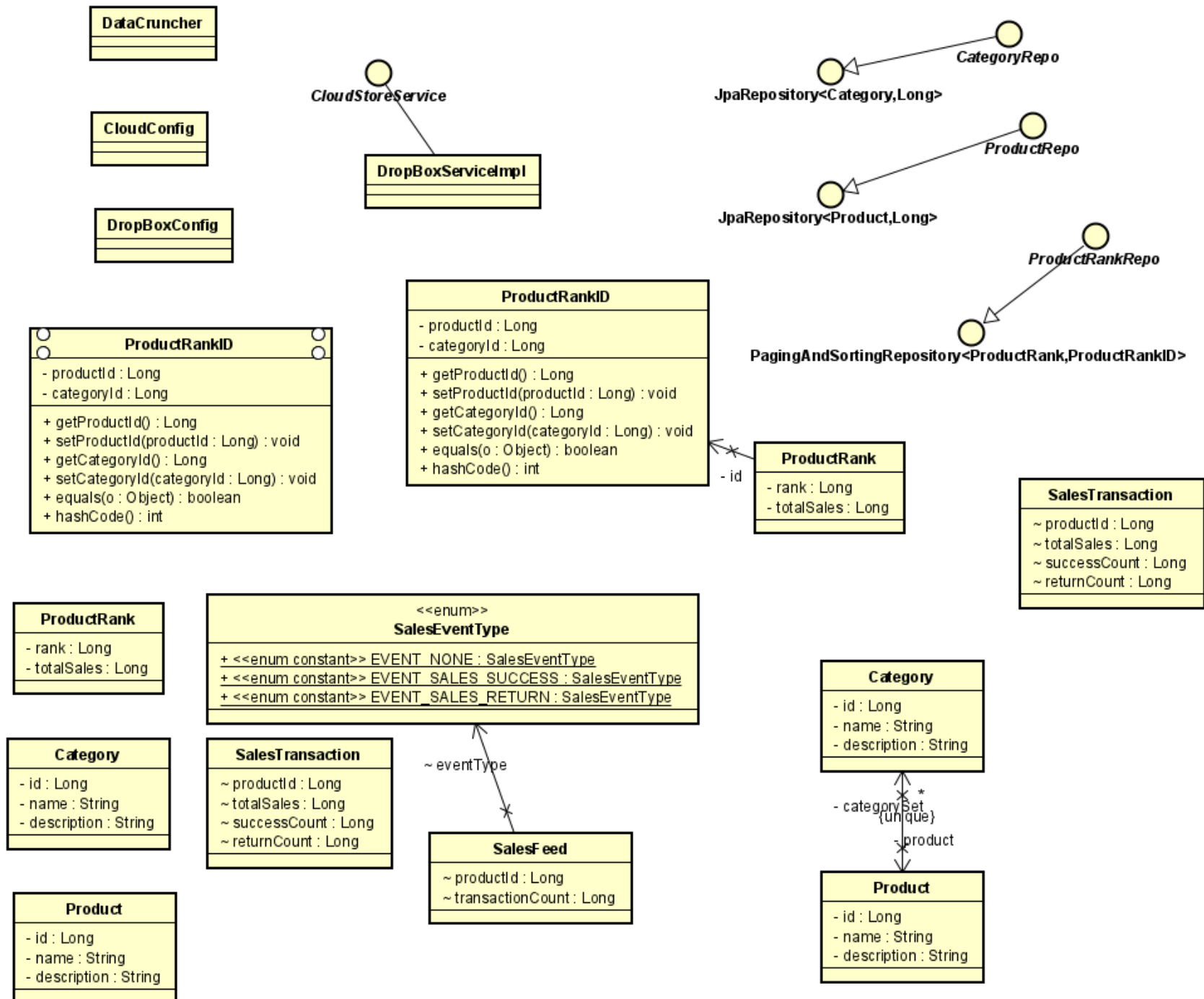
# High Level Architecture of Top Selling Product Requirement Integrating with Seller Service



# Object Model of ProductRankService



## Object Model of RankingBatchService





**Github Link:**

<https://github.com/svachantowin/techstart/tree/main/designs/ProductSalesRank> --> [ProductSalesRank](#)

**Design :** [top-selling-product-design.drawio](#)

**Object Model:** [ProductSalesRank.asta](#)

**RestAPIs :** [RestAPIs.txt](#)