Business Requirements Document (BRD)

Project Title: Investment Management Data Warehouse

Prepared For: Executive & Technical Stakeholders

Prepared By: Data Engineering Team

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# 1. Introduction

This Business Requirements Document (BRD) outlines the key business objectives and data requirements for designing and implementing a Data Warehouse (DW) solution to support the investment operations of the company. The DW will consolidate data from multiple source systems and support business intelligence, regulatory reporting, and investment analytics.

# 2. Business Objectives

The primary objective of this project is to develop a secure, scalable, and high-performance data warehouse that integrates client, account, transaction, and market data to provide actionable insights for investment decision-making, compliance, and operational efficiency.

# 3. Business Requirements

## Client & Account Visibility

* - Provide a 360° view of clients and their investment accounts.
* - Enable filtering and reporting by client risk rating, account type, status, and region.

## Transaction Analytics

* - Track and analyze financial transactions including buys, sells, dividends, and fees.
* - Calculate trading volumes, gains/losses, and client trading patterns.

## Performance Reporting

* - Generate portfolio performance reports by client, account, and time period.
* - Benchmark against market indices using market data.

## Assets Under Management (AUM)

* - Calculate daily and monthly AUM by client, account, and product.
* - Segment AUM by risk profile, investment type, and account currency.

## Regulatory & Compliance Reporting

* - Ensure data traceability and audit readiness.
* - Export reports for regulatory submissions and meet data retention requirements.

## Data Quality & Integrity

* - Implement checks for missing/invalid data and outliers.
* - Track data quality metrics and ensure consistency across systems.

## Security & Access Control

* - Restrict access based on user roles and encrypt PII data.
* - Support compliance with data privacy regulations.

## Self-Service BI & Dashboarding

* - Integrate with BI tools like Power BI or Tableau.
* - Enable stakeholders to build ad hoc reports and monitor KPIs.

## Scalability & Maintainability

* - Design for future data volume growth and new data source integration.
* - Implement CI/CD pipelines and automated testing.

## Operational Monitoring & Alerts

* - Monitor ETL failures, latency, and data inconsistencies.
* - Send alerts for proactive issue resolution.