Users

Consumers

Presentation layer

<<component>>
Trading UI

Service Layer

ITradingServiceService

ITradeStatisticsService

<<component>>
Trading Service

<<component>>
Trade Statistics Service

Business Logic Layer

<<component>>
Trade submission

<<component>>
Trade Processing

<<component>>
Trade Reporting

Data Access Layer

IStockPriceService

IBankingService

IStockRegistryService

IMailService

<<component>>
**Trade
Repository**

<<component>>
**Investor
Repository**

<<component>>
**Stock Price
Service Agent**

<<component>>
**Banking
ServiceAgent**

<<component>>
**Stock Registry
ServiceAgent**

<<component>>
MailServiceAgent

Trade
Database

Stock Price Service

Banking Service

Stock Registry
Service

Mail Service

absence, to delete all absence for the section and add them again. As the database optimize to perform the queries faster than our code.

2. Design

2.1. System's overall architecture