KASB KTrade:

Web-Based Trading Platform

- This platform operates on the web.

- It utilizes a distributed architecture, load balancing, and a failover mechanism for scalability and reliability.

- The platform is hosted on the cloud to ensure uninterrupted availability.

Software Architecture

1. Presentation Tier:

    - HTML

    - CSS

    - JavaScript

2. Application Tier:

    - Java

    - Spring Boot

3. Data Tier:

    - PostgreSQL

Key Features

- The platform provides a Restful API for creating custom trading apps.

- Strengths: Scalability, User-friendly UI, High Availability, Reliability, and a well-documented API.

- The API grants access to all platform features, including market data, order placement, and account management.

Drawbacks

- It is relatively expensive.

- Offers fewer features compared to some competitors.

Investify:

Mobile-Based Trading Platform

- This platform is designed for mobile devices.

- It ensures scalability through distributed architecture, load balancing, and a failover mechanism.

- The platform's availability is guaranteed as it is hosted on the cloud.

Software Architecture

1. Presentation Tier:

    - Swift

    - Kotlin

2. Application Tier:

    - Java

    - Spring Boot

3. Data Tier:

    - PostgreSQL

API and Integration

- The platform provides a Restful API for users to develop their own trading apps.

- While it doesn't offer a public API for developers, it supports integration with TradingView and MetaTrader4.

Strengths and Weaknesses

- Strengths: Scalability, User-friendly UI, Availability, and Reliability.

- Weakness: Lack of a public API for developers.