

DR.TRADE

Stock market portfolio manager





Welcome to our application

IMAGINE A COMPREHENSIVE TRADING PLATFORM FOR ALL INVESTMENT NEEDS, FEATURING A USER-FRIENDLY INTERFACE FOR BOTH NOVICE AND EXPERIENCED TRADERS. IT PROVIDES REAL-TIME MARKET DATA FOR INFORMED DECISION-MAKING AND OFFERS EXPERT ANALYSES AND RECOMMENDATIONS TO IDENTIFY PROMISING INVESTMENT OPPORTUNITIES.

Iterative Signup/login process



01

The signup feature includes an email verification process.



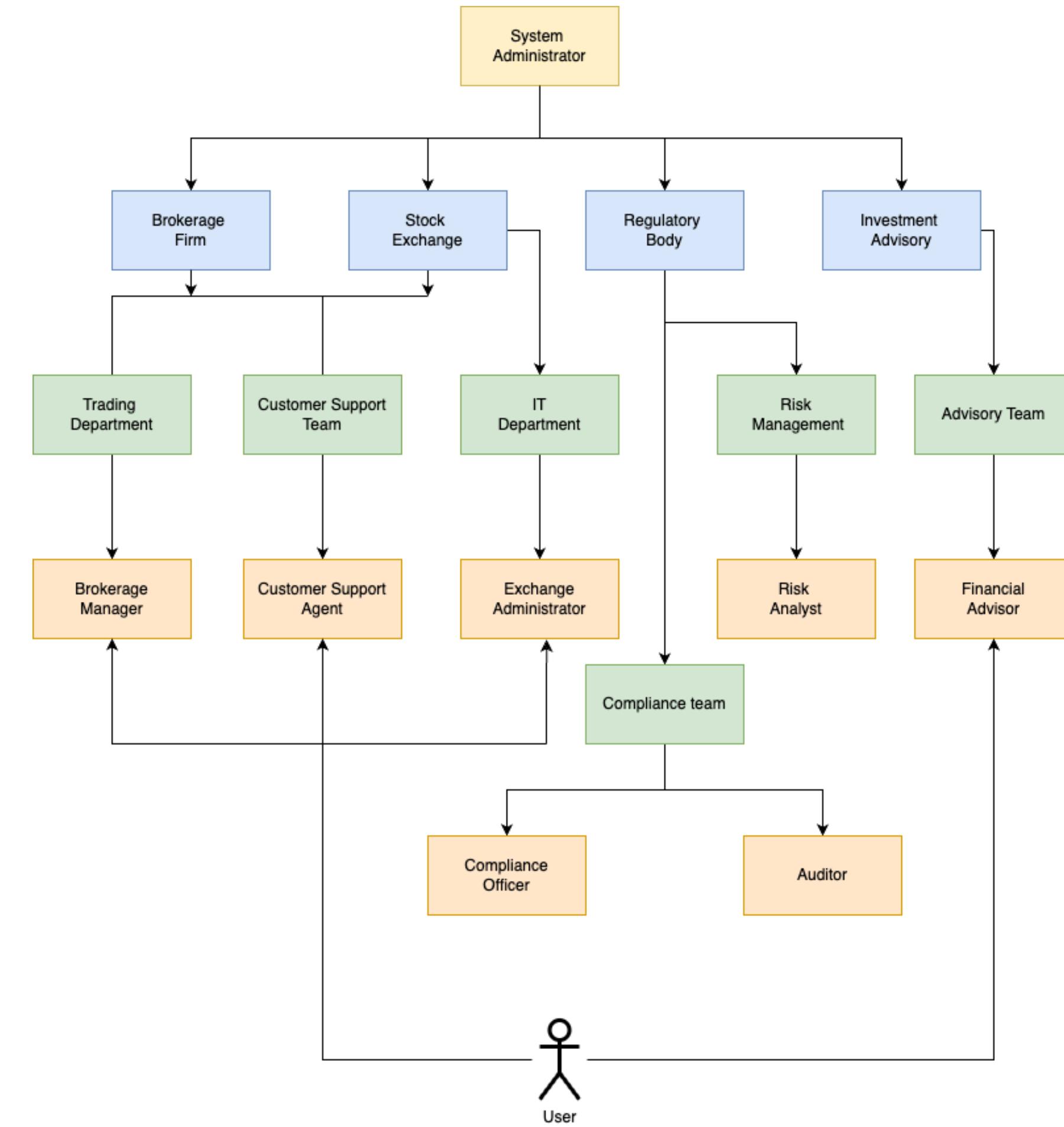
02

The verification process requires the user to enter a code that has been sent to their email.

After successful verification, the user receives a welcome email from the application.



UML Diagram



OUR ENTERPRISES



BROKERAGE FIRM

A brokerage firm serves as an intermediary in financial markets, helping buyers and sellers trade securities. They offer clients investment access, market research, advice, and services like asset management and financial planning.

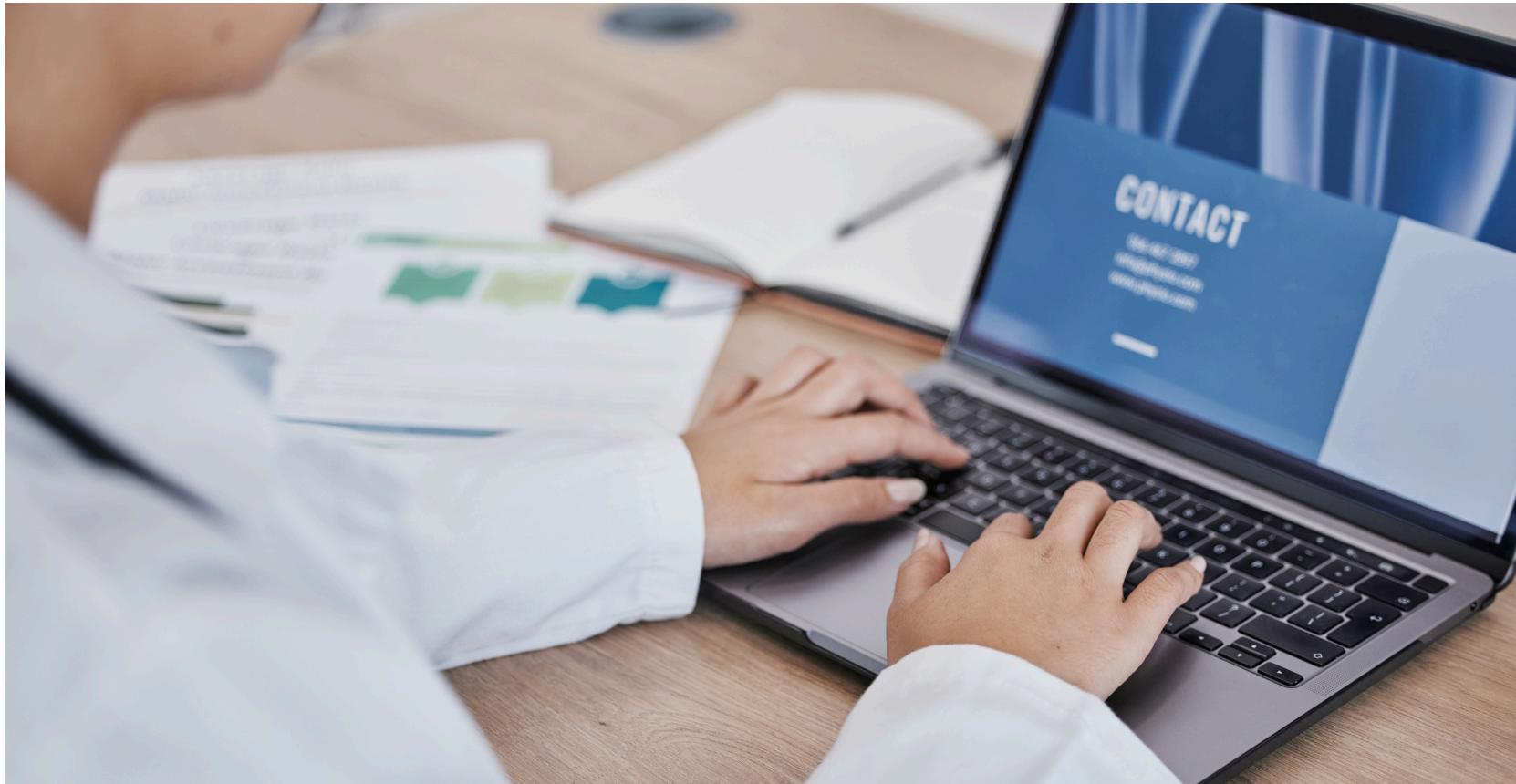


STOCK EXCHANGE

The stock market allows investors to buy and sell shares of public companies, reflecting economic health. It helps companies raise capital and offers returns to investors. Prices fluctuate based on supply and demand, company performance, and economic factors, making it vital to the global economy.



OUR ENTERPRISES



INVESTMENT ADVISORY

Investment advisory services provide tailored guidance on strategies, portfolio management, and market insights to help clients achieve financial goals. They emphasize personalized strategies, diversification, and ongoing support for long-term financial stability.



REGULATORY BODY

Regulatory bodies are essential for creating a secure trading environment by setting rules and guidelines for trading platforms to protect users and ensure fair practices.



OUR ORGANISATIONS

**TRADING
DEPARTMENT**

**RISK
MANAGEMENT**

**CUSTOMER
SUPPORT
TEAM**

**COMPLIANCE
TEAM**

**IT
DEPARTMENT**

**ADVISORY
TEAM**

Super User

The Super User (System Administrator) is the architect of the application, possessing the capability to manage every aspect of it. These actions spans across all enterprises, organizations, and their associated functions.



DEFINED ROLES

BROKERAGE MANAGER

The Brokerage Manager oversees account management, trade execution, and customer support, ensuring seamless transactions and compliance with regulations. They also provide investment insights to clients within the platform.



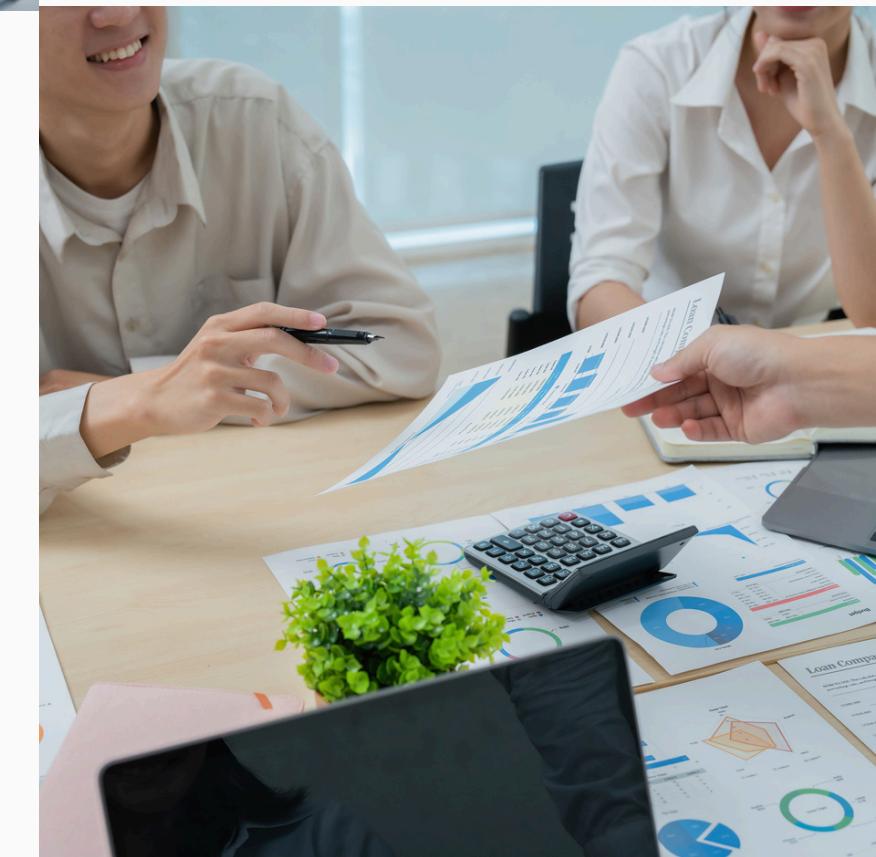
CUSTOMER SUPPORT AGENT

The Customer Support Agent assists users with account setup, trade-related queries, and platform navigation, ensuring seamless customer experience. They also handle troubleshooting and escalate technical issues to the appropriate team.



EXCHANGE ADMINISTRATOR

The Exchange Administrator manages and oversees the operations of the stock exchange, ensuring smooth execution of trades and compliance with regulations. They handle system maintenance, monitor trading activities, and address technical or operational issues.



FINANCIAL ADVISOR

The Financial Advisor provides personalized investment recommendations and portfolio optimization strategies to users based on their financial goals and risk tolerance within the stock trading application.



DEFINED ROLES

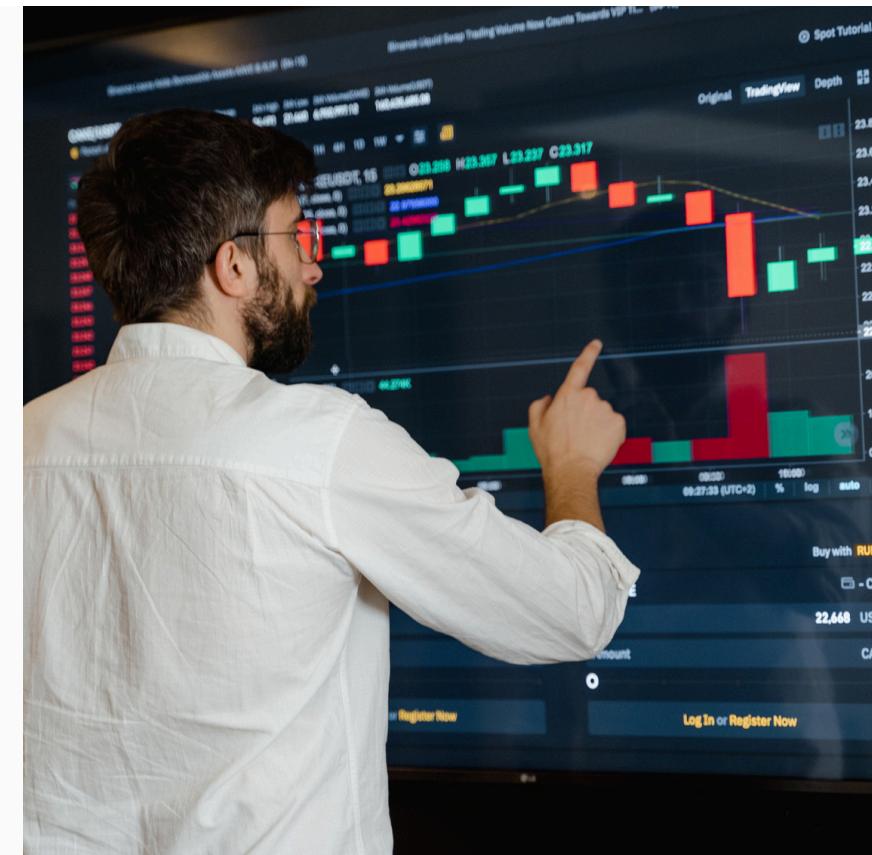
COMPLIANCE OFFICER

The Compliance Officer is responsible for ensuring that regulatory guidelines are followed, monitoring transactions for any violations, and maintaining legal and ethical standards within your stock trading application.



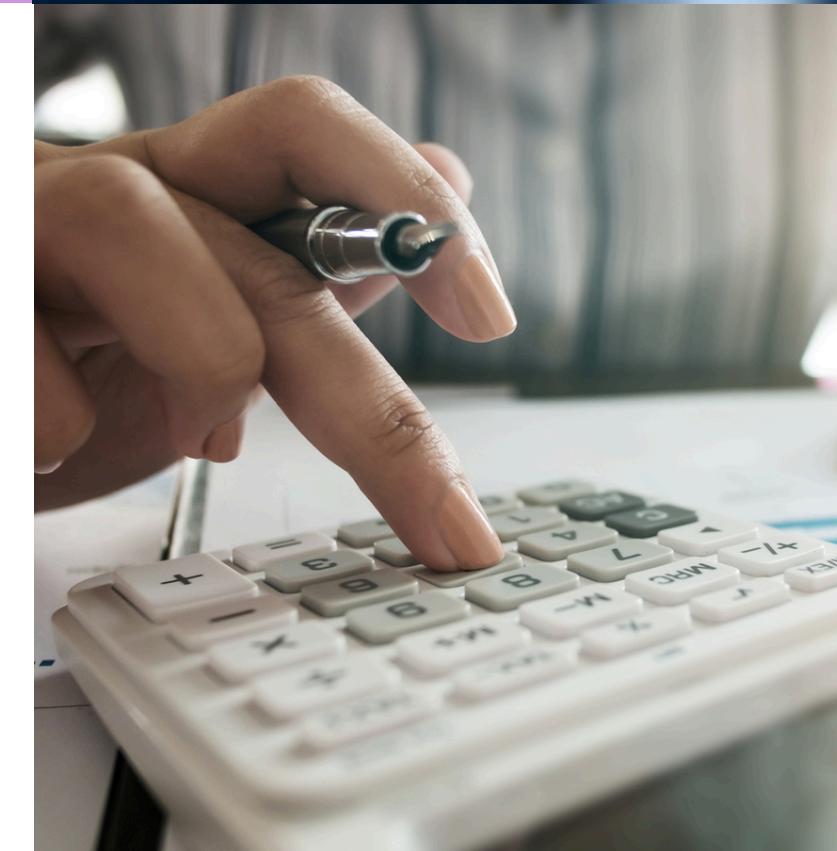
RISK ANALYST

The Risk Analyst in your stock trading application assesses market, credit, and operational risks to safeguard investments. They provide insights to optimize portfolio strategies while ensuring regulatory compliance.



AUDITOR

The auditor ensures compliance with financial regulations and verifies the accuracy of trading records in the stock trading application. They conduct periodic reviews to maintain transparency and integrity.



Customer Support

Trade offers real-time customer care support to assist traders with technical issues, platform features, and trading strategies. Available 24/7, Dr. Trade's support team enhances the trading experience, enabling informed decision-making, allowing traders to focus on their goals with confidence in accessible support.



Financial Advisor

The Financial Advisor provides recommendations by sending an email featuring a selection of the best stocks to purchase, based on market analysis. These suggestions are shared only upon the user's request.



Risk Analyst

The Risk Analyst evaluates potential risks associated with stock investments, using market data and predictive models to identify high-risk scenarios. They provide insights to help users make informed trading decisions. Additionally, they develop risk mitigation strategies to protect user portfolios.





The Team

**ROHAN JAHURI
HARDI SHAH
TEJAS VENKATESH**