18CSP107L - MINOR PROJECT

Discord Stock Bot

Introduction

STOCK BOT BUILT WITH DISCORD.PY

The stock bot is built using the Discord.py API wrapper to interact with the Discord platform.

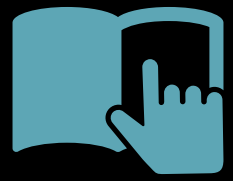
REAL TIME STOCK QUOTES

The bot fetches real time stock quotes from financial APIs like Alpha Vantage.

DAILY UPDATES

The bot provides news and NASDAQ futures at 7:00 am for better preparation when market opens

Motivation



LIMITED ACCESS TO EDUCATION

Many traditional learning resources can be expensive and restrictive for students

COMPLEXITY OF MARKETS

Understanding stocks and trading strategies can be very challenging for beginners

LACK OF PRACTICE

New traders need a risk-free way to gain experience before using real capital

INFORMED INVESTING

Users struggle to make sound investment decisions without robust stock tools.

THIS PROJECT PROVIDES AN ACCESSIBLE, BEGINNER-FRIENDLY PLATFORM TO HELP NEW TRADERS OVERCOME THESE CHALLENGES.

Innovation Idea

- REAL-TIME STOCK DATA PRICE UPDATES
- COLLABORATIVE TRADING PLATFORM
- STOCK PORTFOLIO TRACKING
- DAILY NEWS UPDATES

Purpose

PROVIDE REAL-TIME STOCK DATA

Offer live stock quotes, price charts, and market news to keep users informed.

ENABLE PORTFOLIO TRACKING

Allow users to monitor their investment portfolios

FACILITATE COLLABORATION

Give users a space to discuss trading ideas and strategies.

PROMOTE FINANCIAL LITERACY

Offer educational resources to improve users' financial knowledge.

CUSTOMIZE EXPERIENCE

Allow servers to tailor the bot to their unique needs and interests.

Scope

DEVELOP AND DEPLOY FEATURE-RICH DISCORD BOT

The main focus is building a bot with a comprehensive set of features for stock trading discussions

INTEGRATE REAL-TIME STOCK DATA

Fetch and display live stock prices and analytics within Discord

INCLUDE PORTFOLIO TRACKING

Allow users to monitor their investment portfolios through the bot

PROVIDE EDUCATIONAL RESOURCES

Guide users on stock trading concepts to promote financial literacy

THE SCOPE COVERS BUILDING AN ADVANCED DISCORD BOT TO ELEVATE FINANCE COMMUNITIES WITHIN DISCORD SERVERS.

Team

SRM INSTITUTE OF SCIENCE & TECHNOLOGY
Deemed to be University u/s 3 of UGC Act, 1956

GUIDE

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THANK
YOU