INTRADY TELEGRAM BOT

### A PROJECT REPORT

#### Submitted by

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#### in partial fulfilment for the award of the degree of

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**DECLARATION**

We, Aryan Mishra, Sanjay Singh herby declare that the work which is being presented in the Mini Project on the topic **“INTRADY TELEGRAM BOT”** is the authentic record of our own work carried under the guidance of Mrs. Ruchi Talwar.

**Date: Signature:**

**27/04/2023**

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## “Acknowledgement is the only way to keep love alive."

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“INTRADY TELEGRAM BOT”. She was always there with his competent guidance and valuable suggestion throughout the pursuance of this project. I would also like to place of appreciation to all the respondents whose responses and coordination were of utmost importance for the project. Above all no words can express my feelings to my parents, friends all those persons who supported me during my project. I am also thankful to all the respondents whose cooperation & support has helped me a lot in collecting necessary information.

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# CERTIFICATE

This is to certify that this dissertation entitled “INTRADAY TELEGRAM BOT” who carried out the work under my supervision. This is to further certify to the best of my knowledge that this Project Report has not been carried out earlier in this institute and university.

Signature: Signature:

Aryan Mishra

Mrs. Ruchi Talwar Sanjay Singh

Certify that the above mention Project Report has been duly carried out as per the norms of the college and the statutes of the university.

**1**

# ABSTRACT

Intraday telegram bot is the arrangement of necessary, precise and appropriate data, the Stock Marketers should ensure the system work and can be accessed at any time and can get real time price. Traders base their profits on different kinds of purposes. One may be a long-term investment which is a gradual process, yet may produce high returns. The other can be a short- term strategy which includes trading with quick gains. One such method is intraday trading. Intraday trading refers to buying and selling of stocks on the same day. It is done using online trading.

Suppose a person buys stock for a company, they have to

specifically mention ‘intraday’ in the portal of the platform used. Intraday Telegram Bot is a system enabling traders to manage information and related to all aspects of how to buy or sell stock in real time by getting ticker values and more, which in turn ensures that processes are completed swiftly and effectively.

**2**

# INTRODUCTION

The INTRADAY TELEGRAM BOT (ITB) is an integrated API that handles data from NSE site. It manages the data from NSE site by using web scrapping method and then revert it to telegram bot. That is a cornerstone for the successful stock marketing and helps the user very much.

**OBJECTIVE**

The main objective of the Intraday Telegram Bot to get ticks by ticks data from NSE site for a stock symbol by using web scrapping method and then reverting it to the telegram channel it gives tick by ticks data which is mandatory for high frequency traders it also ask the users to get data for the specified symbol or stock. We can also add an alert to a particular stop so that if a stock price reaches a specific price so that user can get an alert.

**3**

### [Scalping](https://www.investopedia.com/articles/trading/05/scalping.asp#%3A~%3Atext%3DKey%20Takeaways-%2CScalping%20is%20a%20trading%20style%20that%20specializes%20in%20profiting%20off%2Cthe%20trader%20worked%20to%20obtain):

# KEY FEATURES

This approach entails taking advantage of small price movements by having multiple positions during stock market trading. The goal is to accumulate the small profits over time.

### [Momentum Trading](https://www.investopedia.com/trading/introduction-to-momentum-trading/):

Day traders identify stocks that are trending up or down and will ride that consistent price move over the day, hour or even minute. Day traders assume that the momentum will continue, allowing them to profit.

### [Breakout Trading](https://www.investopedia.com/articles/trading/08/trading-breakouts.asp):

This involves looking at stocks that are trading within a range and entering a position when it is assumed that the range that the stock is trading in is no longer maintained.

### [Market Depth](https://www.investopedia.com/terms/m/marketdepth.asp):

The phrase "market depth" is a reference to a market's ability to absorb large amounts of orders. In the case of a stock market, a market depth report shows the number of shares available at each price level in the order book. A high level of market depth indicates that the stock is very liquid.

1. Day traders who execute intraday strategies attempt to profit off price changes for a given asset using a wide variety of techniques.
2. Day traders should select stocks that have ample liquidity, midrange to high volatility, and sector or index group followers.
3. Identifying the right stocks for intraday trading involves isolating the current market trend from any surrounding noise and then capitalizing on that trend**.**

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# Modules

* Telegram module: Provides a system to interact with users.
* Web Scrapping module: It is used to take out required data from an internet and provide it to users.

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**Working Methodology of the Project**

Working methodology of the Intraday Telegram Bot is that it is capable of generating regular data and provide real time values of trades, stocks, etc. This greatly helps the stock marketers authorities in making reasonable decisions. Therefore, any of these functions are designed to make the trading system easy to use, comprehensive, powerful and reliable.

It allows to have the accurate real time value of trades manage your data by tick by ticks on a daily basis. It helps to arrange the the data according to the stock market prices which is too much beneficial to users.

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# Tools to be used in development

Telegram bot, Python, Python Libraries like pandas etc.

**System Specification**

### Minimum Hardware Requirements:

* Processor: Pentium(R) dual-core CPU 20GB hard disk space.
* 512 MB RAM for windows Xp/windows7/windows8.

### Software Requirements:

* Python environment such as Microsoft cell
* Visual Studio code

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# CONCLUSION

Taking into account all the mentioned details, we can make the conclusion that the Telegram Bot System is the inevitable part of the lifecycle of the modern Trading system. It automates numerous daily trades and enables smooth interactions of the users.

Developing the intraday system API is a great opportunity to create the distinct, efficient and fast trades. Implementation of Telegram Bot System project helps to give all kinds of data, provide coordination and user communication, implement policies, improve day-to-day trades, arrange the supply chain, manage stocks, and stock marketing services. This beneficial decision covers the needs of the traders, and simplifies their interactions. It has become the usual approach to manage the trades. Many traders have already experienced its advantages and continue developing new Telegram Bot System API project modules.

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# REFERENCES

* YouTube
* Google

# FACULTY GUIDELINES

Ms. Ruchi Talwar

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