

Detailed Requirement Document for NSE Project

Background – As per the set process every company listed on NSE needs to declare their quarterly results for every quarter after 3 months. Most of the shares follow the movement after their results gets declared. Few of the existing websites like moneycontrol, MotilalOswal capture these results and show them after market hours.

Scope – As part of this project we wanted to capture the results from NSE website and show them as when they published.

Details with examples:

Before publishing the results companies needs to notify NSE when they are going to publish the results. So, on our UI we need to show the date wise company names as when they are going to publish the results. Refer below UI from Moneycontrol.com

05 Nov 116 Earnings	06 Nov 171 Earnings	07 Nov 199 Earnings	08 Nov 110 Earnings	09 Nov 5 Earnings	10 Nov 279 Earnings
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On 5 Nov there are 116 companies results going to be there so if we click on 5 nov, All companies should be listed one by one. We can give filter control while listing them

Symbol	Current MP	% change	Volume	Result status
Tata Steel	510	1.4 % (green or red)		Waiting Received Ready for analysis

Each symbol will have a hyper link, once we click the hyper link new page will open. It will show **3 different windows**.

Our program will continuously keep pulling the NSE results page to check the results of all symbols. Once it gets desired symbol result on NSE site it will download the PDF and then it will check for the results table read the data and store it in our Data base.

Now our data is ready in our Database, the result status column now should show the Ready status in Green.

First window -

In the first window I am planning to show the latest results comparison with QOQ and YOY. refer the below SC for better understanding.

<div><div>Tata Steel Limited</div><div><div>Quarter ended 30-09-2025</div><div>Unaudited Consolidated</div><div>CIN: L27100MH1907PLC000260</div></div></div>					
Quarterly Performance Comparison					
Metric	Q2 FY 25-26 (Current)	Q1 FY 25-26 (Last Qtr)	QoQ Growth (%)	Q2 FY 24-25 (Last Year)	YoY Growth (%)
Revenue	₹55107 Cr	₹55437 Cr	↘ -0.60%	₹59878 Cr	↘ -7.97%
Net Profit	₹6511 Cr	₹5268 Cr	↗ +23.59%	₹9835 Cr	↘ -33.80%
EPS (₹)	53.07	42.92	↗ +23.65%	80.20	↘ -33.83%
Operating Profit	₹12066 Cr	₹10348 Cr	↗ +16.61%	₹13509 Cr	↘ -10.68%
Operating Profit Margin	22%	19%	↗ +17.31%	23%	↘ -2.95%

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Second window -

In the second window we will show user the candlestick chart for last 21 days (3 weeks) we can control this how many days user want to see the candlesticks with some basic indicators like EMA, RSA, VOLUME.



Third Window – In 3rd window we will show the latest delivery to trading volume percentage. This data available on nse site and we can show it for at least 3 weeks same as candle chart.

Data for TATASTEEL - ALL from 10-11-2025 to 17-11-2025														Download (.csv)
SYMBOL	SERIES	DATE	PREV CLOSE	OPEN PRICE	HIGH PRICE	LOW PRICE	LAST PRICE	CLOSE PRICE	VWAP	TOTAL TRADED QUANTITY	TURNOVER ₹	NO. OF TRADES	DELIVERABLE QTY	% DLY QT TO TRADED QTY
TATASTEEL	EQ	10-Nov-2025	181.37	182.03	182.51	180.20	181.50	181.48	181.48	1,83,76,132	3,33,49,29,236.83	1,48,991	87,47,877	47.60
TATASTEEL	EQ	11-Nov-2025	181.48	182.90	182.90	179.02	181.10	181.04	180.70	1,41,09,340	2,54,96,26,090.32	1,21,889	49,87,091	35.35
TATASTEEL	EQ	12-Nov-2025	181.04	181.44	182.15	178.00	178.70	178.61	179.57	1,90,37,263	3,41,85,08,992.03	1,43,638	94,95,175	49.88
TATASTEEL	EQ	13-Nov-2025	178.61	184.00	184.00	175.10	176.55	176.65	179.35	8,20,83,661	14,72,20,85,938.16	3,02,852	2,07,52,557	25.28
TATASTEEL	EQ	14-Nov-2025	176.65	177.52	177.70	172.12	174.00	174.26	173.94	3,83,45,500	6,66,99,35,058.64	2,13,625	1,72,28,177	44.93
TATASTEEL	EQ	17-Nov-2025	174.26	175.13	175.25	172.62	173.40	173.17	173.36	2,82,04,282	4,88,95,08,467.17	1,51,929	1,43,70,278	50.95

So once user studies all 3 windows he can take the decision, how to trade this share.

If results are not yet received and user clicks the hyper link in above table then window 1 should show the message like waiting for results. But at the same time windows 2 and 3 should show the required data.

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Miscellaneous

1. This tool I wanted to build for my personal use, first I will use it and if its beneficial then we will try to give it the value it deserves.
2. After the initial release we can then add the login and security features to the tool
3. We can convert this into website and mobile app going in next iterations.