

Internship done at

Estee Advisors

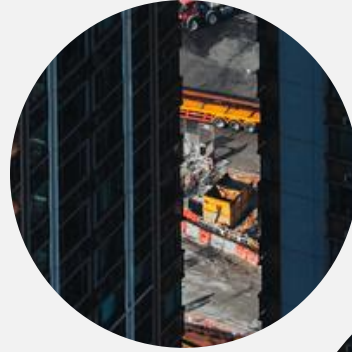
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Topics covered:

- Introduction to share market
- Database performance Monitoring
- Traders' workstation of IB
- Tick publisher
- Transaction
- EOD task Match Positions
- EOD task Match trades
- Running Estee jobs
- Job scheduling throw CLA.



Introduction to share Market

Several Knowledge Transfer Sessions were held in the beginning days of the internship.

Our external guide Mr. Dilip Sejwani gave introduction to terms of share market like:

- IPO (Initial Public offering)
- Futures, Options, Equities, Derivatives.
- OHCL candle stick graphs (Open High Close Low)
- Square off and expiry, call and put.
- Lot size, traded price, volume etc.
- Tick by Tick and Real time Data.
- Bearish and Bullish market
- Indices and their importance.



Database performance monitoring

Database performance monitoring is **the act of measuring the performance of a given database in real time in order to determine problems and other factors that may cause problems in the future.**

Perimeters to determine database performance:

- Compile time per query.
- Memory consumptions during query execution.
- CPU utilisation by query.
- Server traffic generation by a query.
- Total elapsed time.
- No of time query is fired on DB.
- Amount of session cache generation



Introduction to OHCL Graph

	Open	High	Close	Low
Adani Powers	4.3	2.5	3.5	4.5
TATA Steel	2.4	4.4	1.8	2.8
TCS	2	2	3	5
Tech Mahendra	3.4	6	2.3	1

Transaction Scope

An atomic transaction is an indivisible and irreducible series of database operations such that either all occurs, or nothing occurs. A guarantee of atomicity **prevents updates to the database occurring only partially, which can cause greater problems than rejecting the whole series outright.**

So, in case of Stored Procedure Crash all the steps performed before the crash is to be undone(Rollback) and stop further execution of queries in that Transaction Scope.



EOD tasks

End of Day tasks are carried out by Back-office people
there are mainly two type of investments in share market:

- Long Term Investment.
- Intraday Trading.

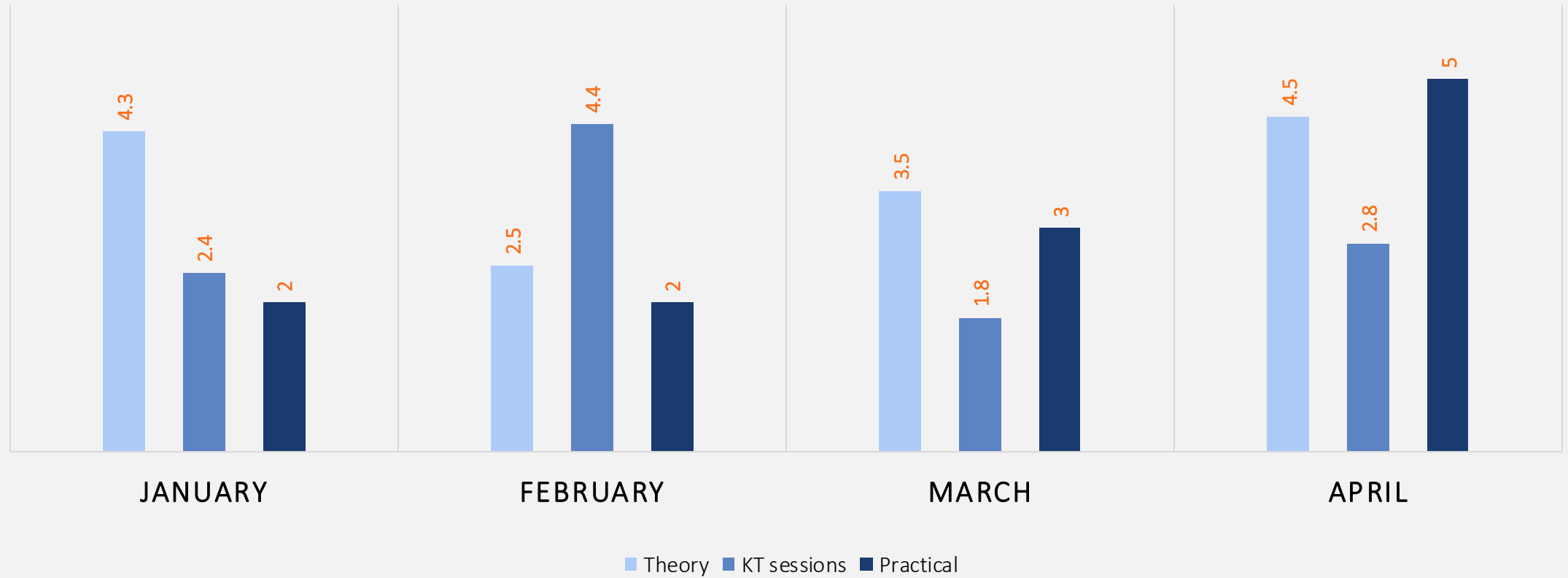
In both this types of trading some records are kept by exchange and us.

So, at the end of the day after completion of the trading sessions ,exchange use to send position files.

So, we need to match positions from our database to the position files send by the exchange and in case of mismatch a fatal is raised.



Training module division





Based on the learnings from internship

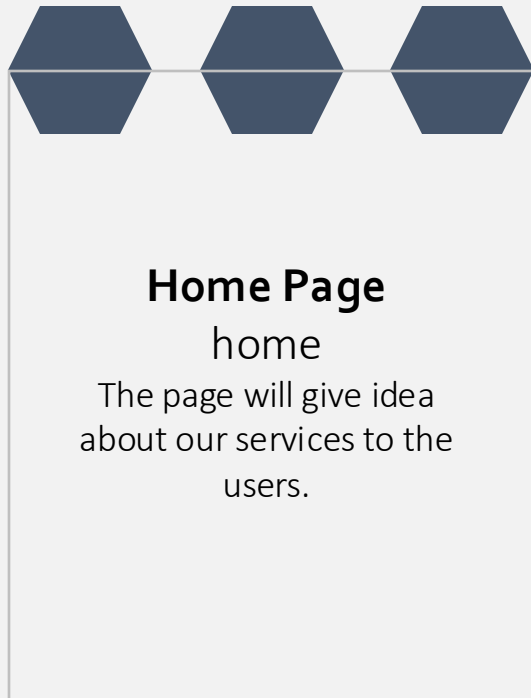
I developed, a share market brokerage website which I named INVESTOGEN, and I tried to showcase my acquired knowledge through this piece of project work.

In this I have tried to replicate the way any brokerage firm utilize Market Data.

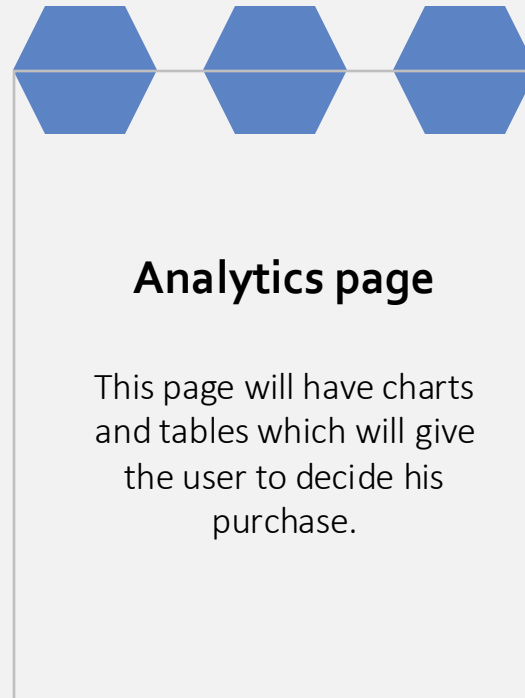


Functionality of my site

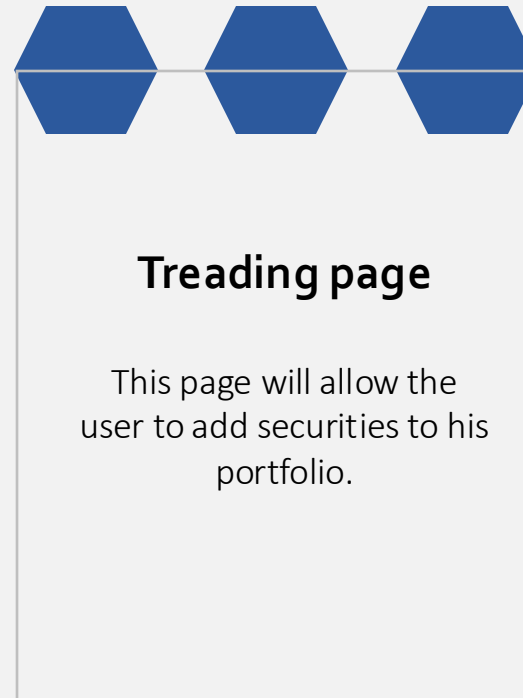
Phase 1



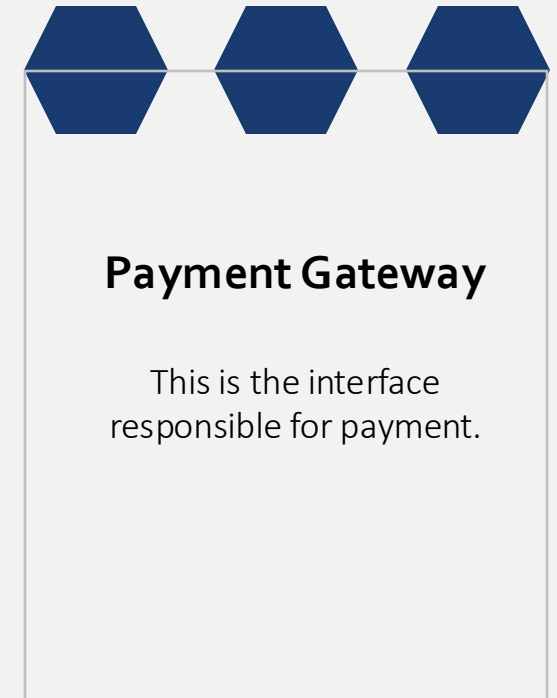
Phase 2



Phase 3



Phase 4

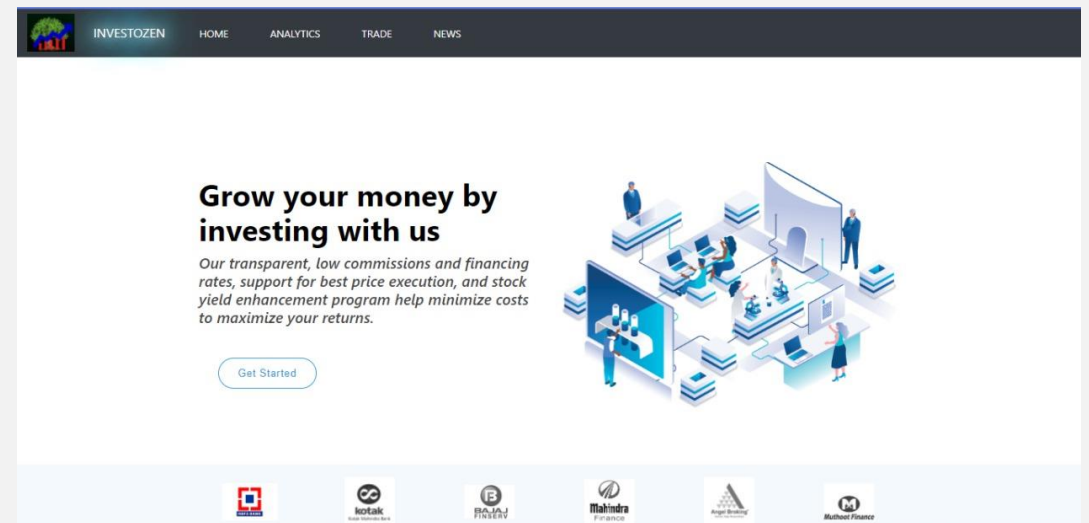


Snapshot of site

Landing Page



Home page



Snapshot of site

Trade Page

The Trade Page displays a grid of 21 items, each with a logo, company name, and price. The items are arranged in three rows of seven, with the last row containing only three items. A user menu is visible in the top right corner.

Item	Price
Asian Paint	\$87.0
Hundai	\$120.0
TATA Steel	\$150.0
AARTI INDUSTRIES LIMITED	\$54.0
Flipcart	\$265.0
Sun Pharma	\$55.0
Adani Power	\$98.0
Tech Mahendra	\$63.0
Royal Enfield	\$95.0
Wipro	\$100.0
Infosys	\$95.0
SBI	\$154.0
JIO	\$54.0
Paytm	\$36.0
BGP	
TCS FUTJUL	
Bitcoin	
USD FUT AUG	
Litecoin	
Gold FUTSEP	
Ethirium	

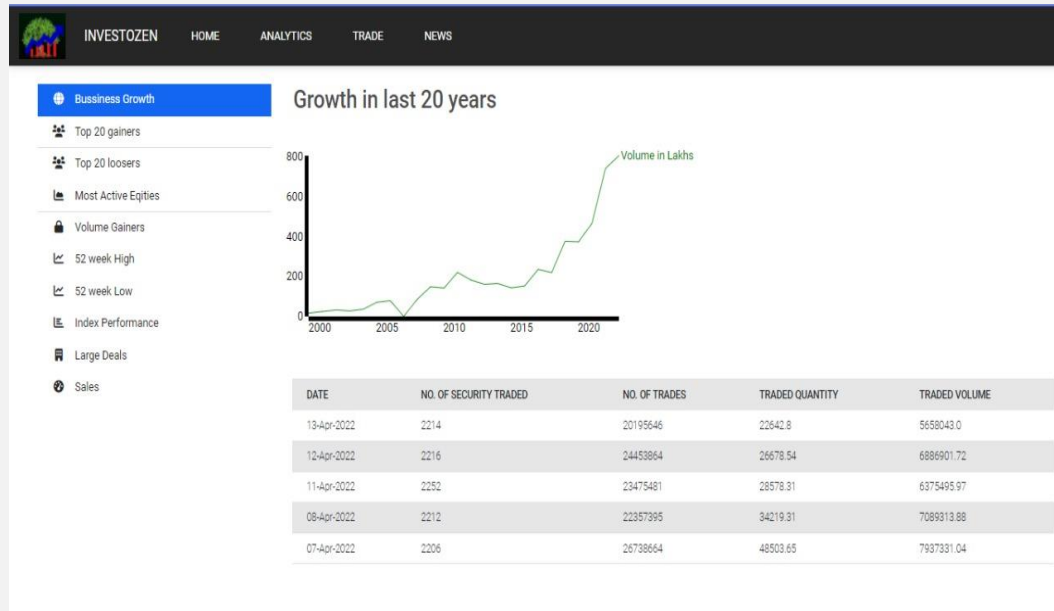
Portfolio Page

The Portfolio Page displays a table of positions. Each row includes a logo, company name, value, and a 'SQUARE OFF' link. The table is titled 'POSITIONS'.

Position	Value	Action
Flipcart	\$265.0	SQUARE OFF
Hundai	\$120.0	SQUARE OFF
Royal Enfield	\$95.0	SQUARE OFF

Snapshot of site

Analytics Page



News Page

The screenshot shows the InvestoZen News Page. The top navigation bar includes links for HOME, ANALYTICS, TRADE, and NEWS. The main content area displays a list of news items, each with a company name, a brief description, and a link to the full article.

COMPANY	NEWS
BIRLATYRE	Birla Tyres Limited has informed the Exchange about Board Meeting to be held on 11-Apr-2022, inter alia, to consider and approve the audited financial statements for the period ended March 2022
KESORAMIND	Kesoram Industries Limited has informed the Exchange about Board Meeting to be held on 11-Apr-2022 inter alia to consider and approve the financial statements for the period ended March 2022
HATHWAY	Hathway Cable & Datacom Limited has informed the Exchange about Board Meeting to be held on 12-Apr-2022 to consider financial statements for the period ended March 2022
ANKITMETAL	Ankit Metal & Power Limited has informed the Exchange about Board Meeting to be held on 13-Apr-2022 to consider Other business matters
BLS	BLS International Services Limited has informed the Exchange about Board Meeting to be held on 13-Apr-2022 inter alia, to consider the proposal for issue of bonus shares to the equity shareholders of the company.
DEN	Den Networks Limited has informed the Exchange about Board Meeting to be held on 13-Apr-2022 to consider financial statements for the period ended March 2022
BALPHARMA	Bal Pharma Limited Notice is hereby given that the meeting of Board of Directors of the Company is scheduled to be held on 13.04.2022 i.e on Wednesday to inter alia consider allotment of equity shares to the beneficiaries who have exercised the conversion option on the warrants allotted to them on preferential basis.
ALOKINDS	Alok Industries Limited has informed the Exchange about Board Meeting to be held on 14-Apr-2022 to consider financial statements for the period ended March 2022
ORIENTHOT	Oriental Hotels Limited has informed the Exchange about Board Meeting to be held on 15-Apr-2022 to consider financial statements for the period ended March 2022
ICICIPRULI	ICICI Prudential Life Insurance Company Limited has informed the Exchange about Board Meeting to be held on 16-Apr-2022 to consider financial statements for the period ended March 2022
ICICIPRULI	ICICI Prudential Life Insurance Company Limited has informed the Exchange about Board Meeting to be held on 16-Apr-2022 to consider financial statements for the period ended March 2022
WEBELSOLAR	Webol Energy System Limited has informed the Exchange about Board Meeting to be held on 16-Apr-2022 to consider Other business matters that is to transact the following items through video conferencing or other audio-visual means to be conducted from the Registered Office to inter-alia 1. To

Summary



We are good in terms of products

Our product is good and functional



Our module is sophisticated

We use modern approach in our work.



Our Concept is fresh

There are very less company who earn through Algotrading.



We're getting our work done

We finished the consolidation project



Team work in MNC

Working with other people in company has developed a good team spirit.



We're leaders of scope

We are top leaders in the industry because of our learning attitude.

Conclusion


Even the most experienced traders or investors need to keep learning to stay ahead.

Even the most sophisticated software need maintenance enhancement for a better future.

Debika Dipak Samanta

Guided by :Yogendra Tank





I would like to thank
placement committee,
faculty, Esteem Advisors, my
internal and external
guide for your support in
the completion of my
internship.

Debika Dipak Samanta