

# DON BOSCO INSTITUTE OF TECHNOLOGY KURLA, MUMBAI

A PROJECT REPORT ON

## **“Trading Journal”**



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**DEPARTMENT OF INFORMATION TECHNOLOGY**

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# **CERTIFICATE**

This is to certify that the project entitled **“Trading Journal”** is a bonafide work of **Vijay Gupta, Nikita Maurya, Anthony Brighton and Vaishnavi Nagave** submitted to the University of Mumbai in partial fulfilment of the requirement for the award of the degree of **“SE IT”** in **“Java Mini Project ”**.

(GUIDE SIGNATURE)

(HOD ) SIGNATURE)

## **Approval Certificate**

This project report entitled Desktop App by Vijay Gupta, Nikita Maurya, Anthony Brighton and Vaishnavi Nagave is approved for the degree of Bachelor of Engineering in Information Technology.

Examiners

1.-----

Name:-

Date:-

Place:-

## **Declaration**

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

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Date:

## **Abstract**

Trading journal is a software which is helpful for traders as well as for beginners who are interested in stock market. Trading journal is a felexible and feature rich journal with efficient analysis technique. The software will allow the users to record their intraday trades. By consistently maintaining the track of the trades the user will be able to identify their strength and weaknesses in their trading strategies. Our software provides various graphs based on the user input which allows the user to make their analysis as easiest as possible. Our main focus is to use the knowledge of statistical technique and our technical knowledge to create an application for everyone whose interest lies in the financial sector and who needs to use the appropriate statistical technique. It is also helpful for maintaining the finanace of the user.

## Table of Content

Sr. NO.	Content	Page No.
1	Introduction	7
2	Review of Literature	10
3	Analysis and Design	11
4	Implementation	13
5	Conclusion	18
6	Reference	19
7	Contribution	20

# Chapter 1: Introduction

## 1.1 Problem Statement

In current days, many traders aren't sure where to start or what it should look like. Even if they have one, most don't know what they should get out of it.

Those that actually start journaling struggle to stick with it.

In today's world, becoming distracted by winnings while trading for real money happens easily. After a run of profitable transactions, people start to use sloppy entry points or acquire more trades than usual. A successful trader not only examines each particular trade, but also the progression of their trading performance through an effective trading journal. By taking advantage of this software, you can quantify, scrutinize and enhance your trading process. You can thoroughly keep track of your skills, emotional triggers and other aspects of trading you wish to measure and optimize.

To design a trading journal which will allow a trader to :

- Record the intraday trades.

- Analyze win rate.

- Record the strategies.

- Identify weak points.

## 1.2 Scope of the Project

A trading journal provides an unbiased review of your trades and performance.

It's one of the few tools that touches on many important keys to long-term success: education, strategy, discipline, and practice.

Consistently keeping the track of trades can help you maximize profits and avoid making poor investment decisions.

It will also allow to record your losing trades, which makes it easier to learn from your mistakes.

Our project provides trader to:

- Organize trading data in well-structured form.

- Track progress.

- Graphical representation of trading data.

- Profit /loss earned.

- Win/loss ratio of trades.



### 1.3 Current Scenario:

Many people keep records of trades in excel. What they realized over the years of doing so is that it really helped them to set up a good trading plan.

It's like a mirror through which they can measure how well they executed each trade, and most importantly, it gives the feedback to develop and evolve your trading skills.

They found that to be a best friend and mentor to make progress. So, currently people use the online platform to track their records of trade and there are many websites and desktop apps available in market which we can say that, they are the latest version of excel sheets.

### 1.4 Need for the proposed System

- i. Helps you with risk management: Keeping a trading trading journal provides many benefits, including helping you to evaluate the strengths and weaknesses of your trading strategy. It helps you to make unbiased decisions.
- ii. Holds you responsible and sensible: A trading log helps you stay on track with your trading strategy and reduces the users tendency to make rash, potentially risky trades.
- iii. Brings consistency: When you are consistent with your trading journal, eventually your bad habits will start to disappear and you will stop losing money as frequently as before. This is due to the fact that you will be able to see the mistakes you are making and you will strive to stop making them in the future.

## **Chapter 2 : Review of Literature**

In today's world, becoming distracted by winnings while trading for real money happens easily. After a run of profitable transactions, people start to use sloppy entry points or acquire more trades than usual.

Keeping a trading log helps you stay on track with your trading strategy. A trading plan helps you stay on target and reduces your tendency to make rash, potentially risky trades.

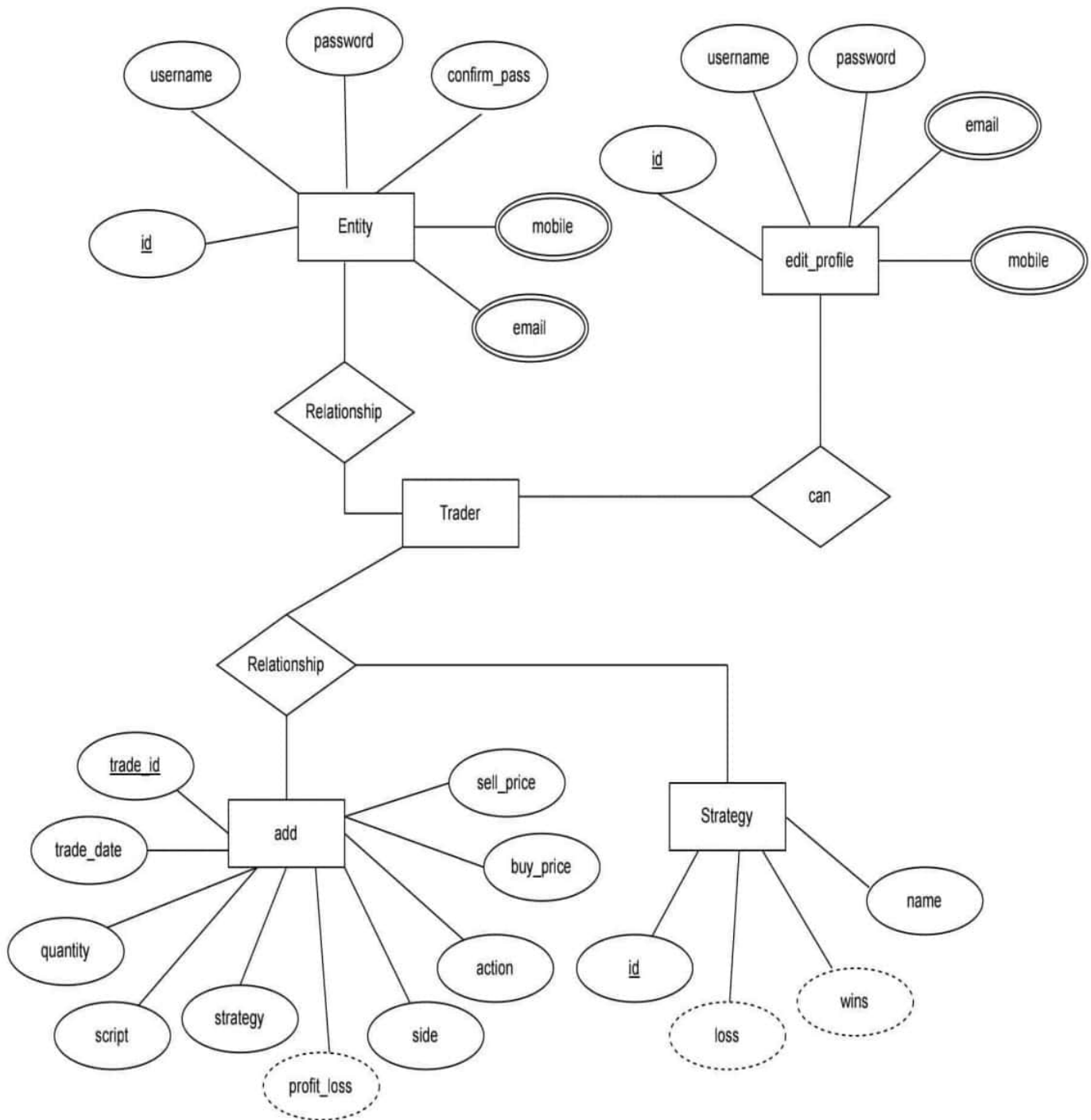
A lot of successful traders have a trading journal. It has become a norm, especially for experts who would like to maximize their profits and master trading.

While we were investigating the existing applications we realized that there are very limited no of trading journals present in the market and very few of them are good.

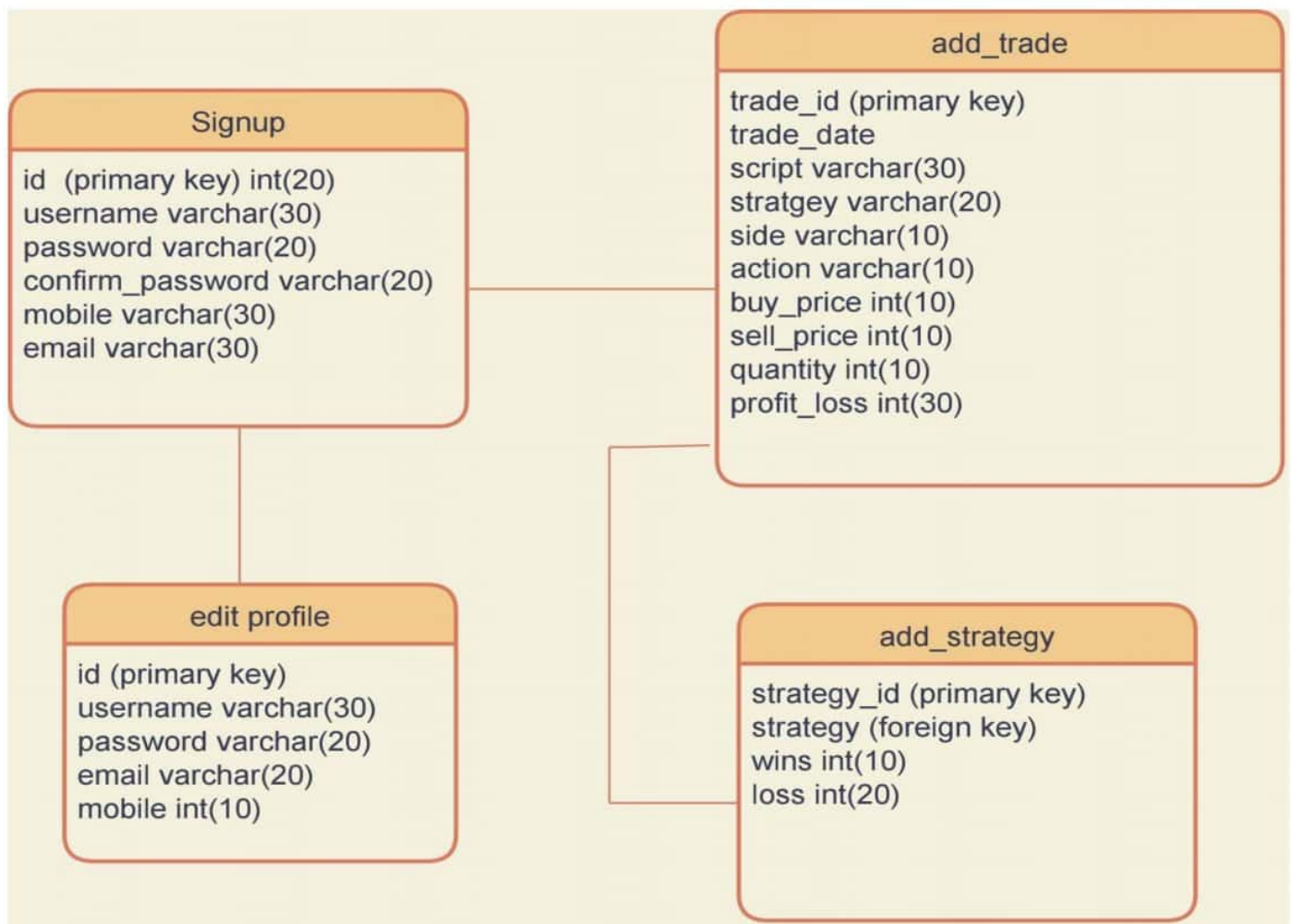
Our main motive is to make sure that our software is easy to operate along with great UI features and provide every necessary features required to the user for the best experience.

## Chapter 3 : Analysis and Design

Fig.3.1 ER Diagram



**Fig. 3.2 Database Design**



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## Chapter 4: Design and Implementation

Fig.4.1 Entry page



Fig.4.2 Login page for user



**Fig.4.3 Signup page for new user**

**Create Account**

Username:

Password:

Confirm Password:

Mobile No.:

Email ID:

**SIGN UP**

[Already have an account ?](#)

**Fig.4.4 Homepage**

The homepage will show the total no of trades, Net profit and loss, Average profit/loss, win/loss ratio and the graph to the user. The graph will be based on the no of trade wins the user has.



**Fig. 4.5 Add Trade Page**

After clicking on the plus icon the user will be redirected to the Add trade page. User can add the trade details here.

**Add Trade**

Date : 28-10-2022

Strategy : Call Ratio

Script : Tata Motors

Side : Long

Action : Buy

Buy Price : 2345

Sell Price : 2453

Quantity : 5

Profit/Loss : 540.0

**ADD**

**Fig 4.6 Trade Details Page**

After clicking on the add icon, the details will be added to the the trade table. The user will be able to see the history of all the trades he/she has done till now.

**Trade Details**

No. of Trade 11 Avg Profit/Loss -63.7273 Net P & L -701 Win/Loss Ratio 1.0000

Date	Script	Strategy	Action	Buy Price	Sell Price	Quantity	Profit/Loss
2022-10-28	tata motors	Call Ratio	Buy	2300	2100	5	-1000
2022-10-23	dfvfbgbvbbvvvvv...	Call Ratio	Buy	2343	3467	2	2248
2022-10-13	wcvb	Put Ratio	Buy	36	23	1	-13
2022-10-13	fdgfhgfhgf	Call Ratio	Buy	354	344	4	-40
2022-10-19	mnp	Put Ratio	Buy	32	43	10	110
2022-10-26	abcd	short ratio	Sell	456	453	3	-9
2022-10-10	abc	Put Ratio	Buy	32	45	3	39
2022-10-12	xyz	Call Ratio	Buy	345	345	3	0
2022-10-27	amazon	Put Ratio	Sell	243	123	20	-2400
2022-10-12	brighto	Crossover	Buy	24	34	4	40

Date Range 28-Oct-2022 Script amazon

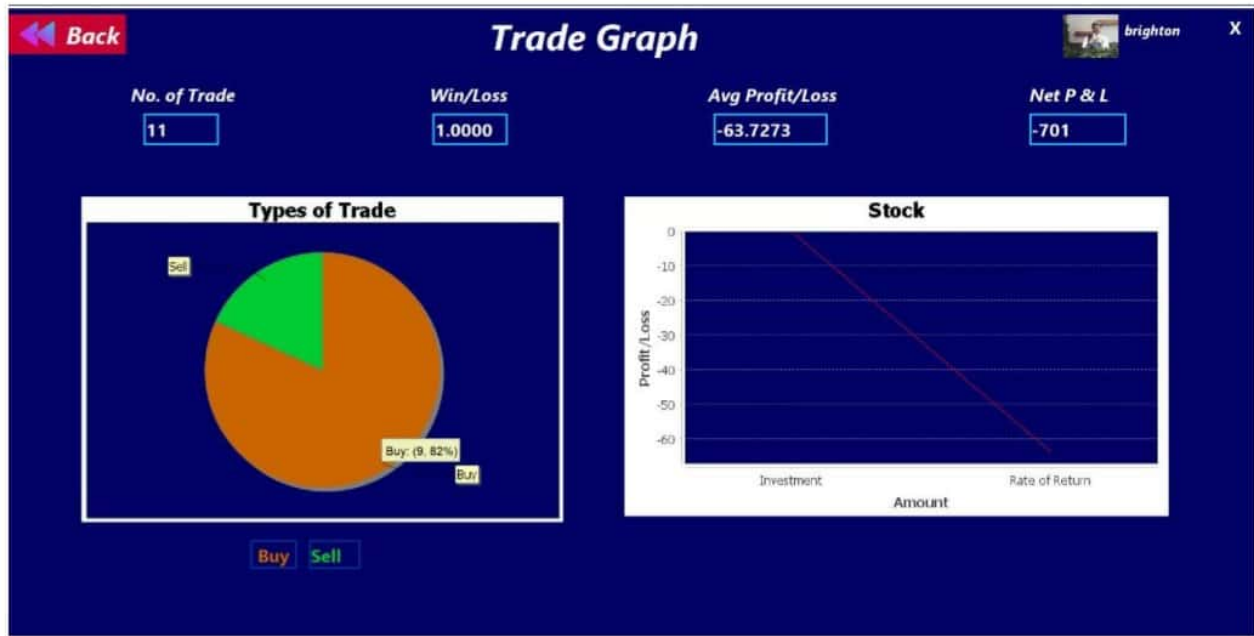
**SEARCH** **DELETE**

Will allow the user to view the trades as per the date



**Fig. 4.7 Trade Graph Page**

The pie chart will show the total no of trades the user has bought or sold and the line graph will show the user the net profit/loss.



**Fig. 4.8 Strategy Page**

List of strategy can be added by the user

The screenshot displays the 'List of Strategy' interface. At the top, there is a 'Back' button and a user profile icon labeled 'brighton'. Below the title, the 'Strategy Name' is 'Crossover'. Below this, 'Wins' are 2 and 'Loss' are 0. At the bottom, there are 'DELETE' and 'ADD' buttons. On the right side, there is a list of strategies: 'Crossover', 'Put Ratio', 'Call Ratio', 'short ratio', and 'man'. The 'Crossover' strategy is currently selected.



**Fig. 4.9 Profile Page**

Profile updation can be done.

**Back**

**Edit Profile**

**Upload**

**Phone No. :** 9594233739

**Name :** brighton

**Email ID :** hstalin123@gmail.com

**Date Of Birth :** 07-Jun-2003

**Address :** wl,Dharavi,Mumbai-17

**Gender :** Male

**SAVE**

## **Chapter 5: Conclusion**

Trading Journal Desktop App which is developed with the help of java and MySql is our project mainly done to help the traders to keep the track of their trades easily as well as to make their analysis as effective as possible.

From working graphs to strategy tables , trade tables and all aspects are prepared and are in working condition in our App.

## References:

- 1) <https://play.google.com/store/apps/details?id=www.stocksmaadeeasy.in>
- 2) <https://youtu.be/6EF8XPJp-No>
- 3) <https://www.dailyfx.com/education/find-your-trading-style/trading-journals.html>

## CONTRIBUTION

Members	Contribution
Vijay	UI design
Nikita	UI design
Brighton	Coding
Vaishnavi	Database