

## LOSS PREVENTION IN STOCK MARKET

M.Mahalakshmi<sup>1</sup>, N.V.Neeraja<sup>2</sup>, B.Rajesh<sup>3</sup>, A.Sasidhar<sup>4</sup>, G.S.Jayasree<sup>5</sup>

<sup>1,3,4,5</sup> *B.Tech Student, Dept. of Computer science and Engineering, MTIET College, Palamaner.*

<sup>2</sup> *Assistant Professor, Dept. of computer science and Engineering, MTIET College, Palamaner.*

**Abstract:** The title "LOSS PREVENTION IN STOCK MARKET" explains about the Predicting stock market has been goal of investors since its experience. Everyday billions of dollars are traded on exchange and behind each dollar is an investor hoping to in one way or another. Entire companies rise and fall daily based on behavior of the market. The investor must be able to accurately predict market movements; it offers a promises of wealth and influence. The 2008 financial urgency was no different, as evidenced by the flood of films and documentaries based on the crash. Few people knew how the store worked or reacted. Perhaps better understanding of stock market prediction might help in the case of similar events in the future. The main advantage of the market is the report contains a number of shares their prices and volume Breakouts. We provide more security based on RSA algorithm for admin. It may generate inaccurate results if data inputted incorrectly, and it gives stock details about the live stock and old stock up to date manually.

**Keywords:** *1.Product details, 2.Old stock details, 3.Livestock details, 4.Volume Breakouts, 5.Price about the product.*

### 1. INTRODUCTION:

A stock market, share market is the aggregation of buyers and sellers of stocks, which represent ownership demand on business; these may include security listed on a public stock exchange, as well as stock that is only traded alonely. Examples of the market include shares of private companies which are sold to investors through equity crowd funding platforms. Stock exchanges list shares of common equality as well as other security types, e.g. corporate bonds and convertible bonds. There are two forms of data techniques that can be used for extracting models describing important classes or to predict future data trends. Classification models predict categorical class models; and prediction models predict continuous valued functions. This involves removing the noise and treatment of missing values.

### 2. EXISTING SYSTEM:

The stock brokers and other various intermediary agencies play a vital role in the capital market. The investor may not be aware of the working of the stock market and the stock broking agencies have to take the

responsibility of the buying and selling of shares on their behalf. May generate inaccurate results if data inputted incorrectly. The agencies inform the investors about the various products and services so that they can invest in alternatives that are more profitable and also provide them with wealth maximization products. The first half-hour of the trading day is driven by sentiment, affected by overnight movements in the global markets, and hangover of the previous day's trading.

**Drawbacks:**

- Disadvantage of it is requires an active internet connection.
- It may generate inaccurate results if data inputted incorrectly.
- And it gives stock details about the livestock and old stock up to date manually.

**3. Proposed System:**

All investors provoke a loss in the stock market. The objective of an assets investment is to gain on the net basis after adjusting the loss in the stock market. A common perception is that investor who is earning from the stock market does not incur any loss in the stock market. The end design should be to cut loss in the stock market. Stop loss is one of the most useful ways to cut down your loss in the stock market. You must have observed that all the investigator mention stop loss along with their stock recommendations. Trust me different investors calculate differently. The project statement contains a number of filter elements ranging as per the market trends that helps the users to analyze the registered stocks.

**Advantages:**

- Helps the users in detecting the market trend patterns and other conditions.
- And the report contains the number of shares, their prices and volume breakouts.
- It contains stocks that have an unanticipated rise in the business volume and a rapid rate escalation in terms of cost.
- And contains a number of filter elements ranging as per the market trends that helps the users to analyze the registered stocks.
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**4. Classification and prediction:**

There are two forms of data techniques that can be used for extracting models describing important classes or to predict future data trends. These two forms are as follows –

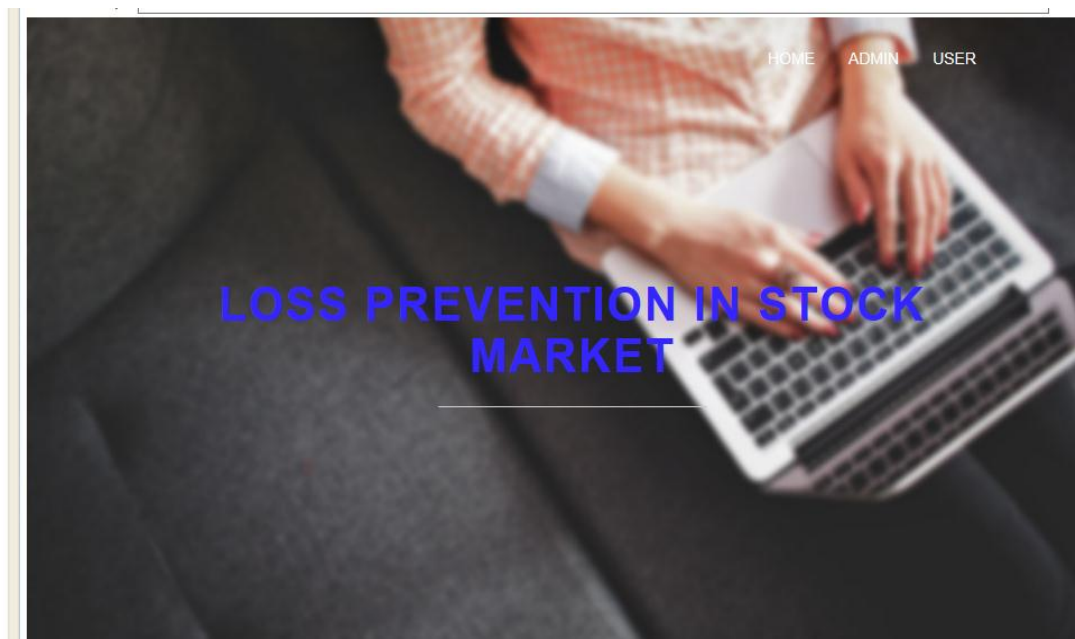
- Classification
- Prediction

Classification models predict categorical class design and prediction models predict continuous valued functions. It is the form of data analysis that can be used for extracting data and to predict future data trends. It classifies data based on the values in a categorize attribute and uses it in classifying new data. Prediction models are the continues valued function and it predicts the unknown or missing values.

### 5.RSA algorithm:

RSA is one of the first public-key cryptosystem and is extensively used for privacy data conveyance. RSA is an algorithm used by modern computers to private and public messages. Ron Rivest and Leonard Adleman at the made several attempts, over the course of a year, to create a one-way function that was hard to invert. Rivest and Shamir, as computer scientists, proposed many different functions, while Adleman, as a mathematician, was responsible for finding their weaknesses. They tried many approaches adding "knapsack-based" and "permutation poly-nomials". For a time, they thought what they wanted to achieve was impossible due to inconsistent requirements. It is an asymmetric cryptographic algorithm. Asymmetric means that there are two different keys. This is also called public key cryptography, because one of the keys can be given to other.

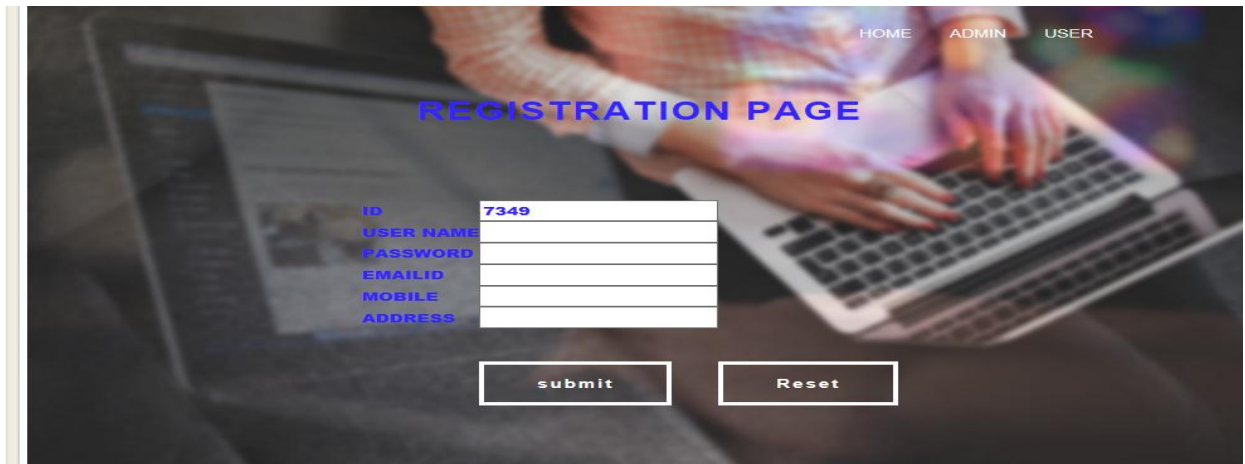
### 6.SCREENSHOTS:



Fig(1)



Fig(2)



Fig(3)



Fig(4)

## 7.CONCLUSION:

The project is developed in java platform. The main aim of this system is to implement an online based mostly portal with prediction data which is able to be helpful for users. The effect of this is you can make a lot of money if you invest in the right company. Stock prices change minute to minute according to supply and demand. There are many factors influencing prices, the most important of which is expectations about earnings.

## REFERENCE

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