PORTFOLIO TRACKERS

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Abstract:- Our Portfolio tracker automates the stock market for selling the stock by tracking data from yahoo finance and knowing the best time to sell the stock. Notify the client about the stock performance for every one hour. When a tremendous change occurs in stock price, at that time the alert message is sent to the client. The existing system consists of various application and many of the features. The system is very useful as it provides various features and also provides ease operating of services.

I. INTRODUCTION

ROBOTIC PROCESS AUTOMATION (RPA) is a software „robot". A software robot is a software application that replicates the actions of a human being interacting with the user interface of a computer system. Our Portfolio tracker is a software robot which automates the stock market for selling the stock by tracking data and knowing the best time to sell the stock.

Notify the client about the stock rating for every one hour. When a tremendous change occurs in stock price, at that time the alert message is sent to the client.

II. PROBLEM DEFINITION

In today's world, the stock market dealings are done with the help of human intervention. Stock holders cannot sell a product on stock market. Brokers are involved in this transaction. Brokers should be given share in the stock marketing profit. No instant alert will be notified to the holder. Wish list cannot be tracked by the brokers this can be overcome.

III. PROBLEM OBJECTIVE

The objective of the project is to provide the efficient way to carry out the services. Stock holders can sell a product in stock market directly. Instant alert is sent to the stock holder when a tremendous change occurs. Every hour the Stock's growth is intimated to the holders via mail.

IV. EXISTING SYSTEM & PROPOSED SYSTEM

EXISTING SYSTEM

In the existing system, the stock market dealings are done with the help of human intervention. Stock holders cannot sell a product on stock market. Brokers are involved in this transaction. Brokers should be given share in the stock marketing profit. No instant alert will be notified to the holder. Wish list cannot be tracked by the brokers.

Drawbacks of Existing System

The main drawback of the system is that due to the human intervention, the time is delayed. Instant alert is not notified Brokers are involved in this transaction. No instant alert will be notified to the holder.

PROPOSED SYSTEM

It aims in providing no human intervention Stock holders can sell a product in stock market directly. The proposed system consists of 2 panels: user, Admin. User has to login. Yahoo finance acts as an admin.

Admin sends the stock growth details to the respective users and also instant alert is sent to the stock holder when a tremendous change occurs. Every hour the Stock's growth is intimated to the holders via mail.

V. EXPERIMENT

OVERVIEW OF THE PROBLEM

A new and innovative way is to developing this project as portfolio tracker which is handy and provide efficient communication between the user and corporation system. This will allow you to see the change in the stocks and alerts regarding any increase or decrease in the stocks.

Project Module

Portfolio Trackers consists of different phases like:

- Registration
- Login
- Database connectivity
- Data scraping from yahoo finance
- Mail

MODULE DESCRIPTION

Registration

This module allows users to create their profile which includes Name, Area DOB, Age, Phone number, Password, Address etc. one could login using the username and password.

Login

In this module admin the user will enter the phone number and password and sign in to the page and see the stock market details of the particular stocks needed.

Database connectivity

In this database connectivity is given to store the database of stocks in the market.

Data scraping from yahoo finance

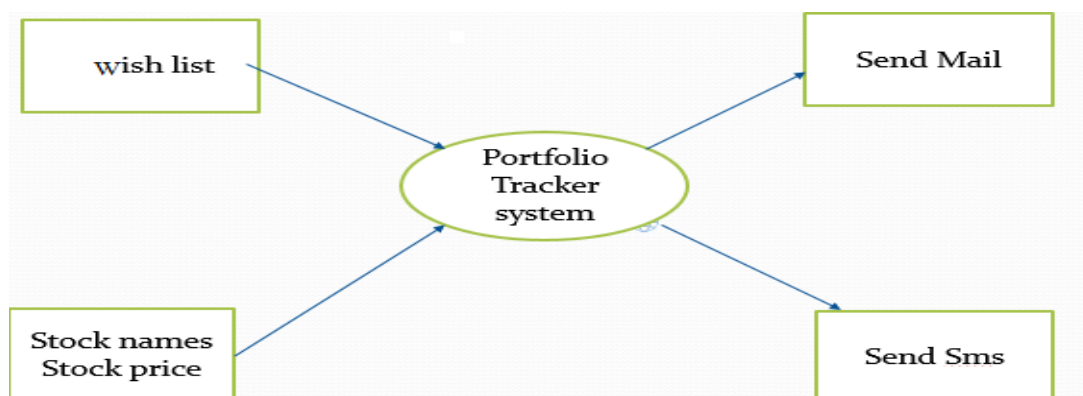Here the stock details of the particular stock entered by the user, is scraped from the yahoo finance.

Mail

In this module, if there is any decrease or increase in the stock, and notification via mail is send to the user regarding any changes in the stocks.
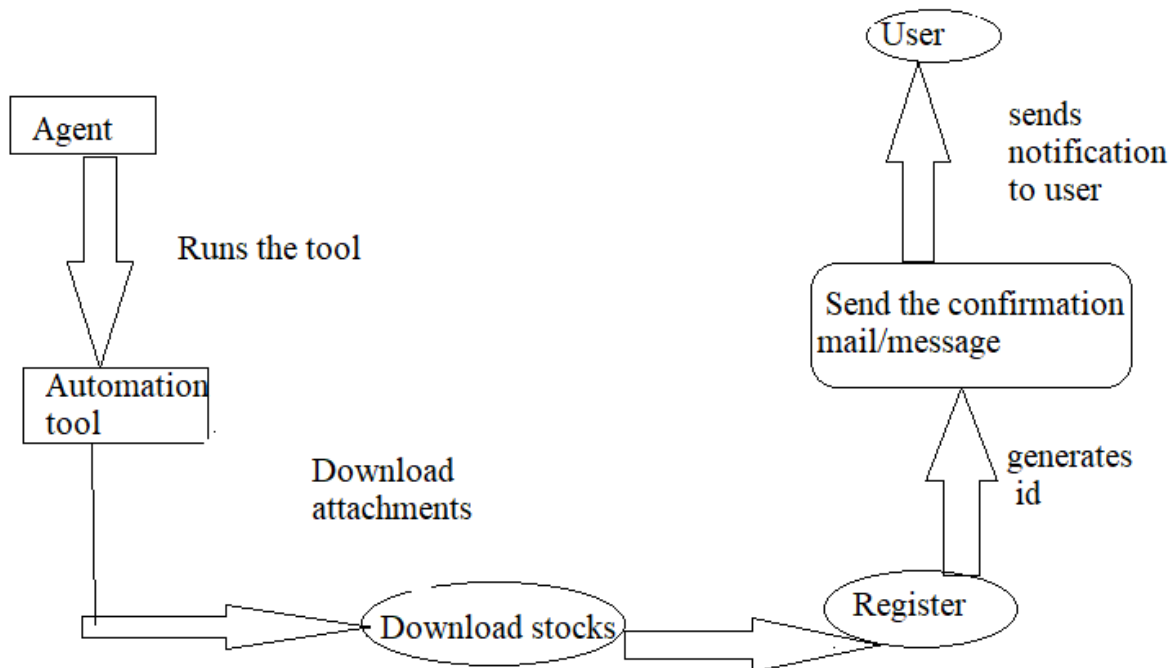
DATA FLOW DIAGRAM

Data flow diagram means of representing a system at any level of details with a graphic network of symbols showing data flow, data process and data source/ destination.

DFD Level 0:

DFD Level 1:

INPUT DESIGN

Input Design is the process of converting a user-oriented description of the input into a computer-based system. This design is important to avoid errors in the data input process and show the correct direction to the management for getting correct information from the computerized system.

It is achieved by creating user-friendly screens for the data entry to handle large volume of data. The goal of designing input is to make data entry easier and to be free from errors. The data entry screen is designed in such a way that all the data manipulates can be performed. It also provides record viewing facilities.

When the data is entered it will check for its validity. Data can be entered with the help of screens. Appropriate messages are provided as when needed so that the user will not be in maize of instant. Thus the objective of input design is to create an input layout that is easy to follow.

OUTPUT DESIGN

A quality output is one, which meets the requirements of the end user and presents the information clearly. In any system results of processing are communicated to the users and to other system through outputs. In output design it is determined how the information is to be displaced for immediate need and also the hard copy output. It is the most important and direct source information to the user. Efficient and intelligent output design improves the system's relationship to help user decision-making.

VI. CONCLUSION

Using these users can see the increase and decrease of stock market changes. Also the notification regarding increase or decrease in the stocks is informed to the user automatically.

It is very user friendly. It is provided with simplicity of design and ease of implementation that shows and helps to see the stock market changes. Additionally, this helps us to receive notification regarding stock market changes and also allow admin to view the details of users.

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