

CS1125

Robotic Process Automation

RPA Project Synopsis

Stock Automation Bot

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1. Motivation

Stock Market is one of the best way to make passive income but it requires lot of knowledge and time. This bot will not only save time and effort but with help of good screener will result in profitable trades in long term. This bot can be complied with Machine learning for more better results. And as it is a bot it will help removing human emotions from trading process that may lead to uneven risk reward ratios.

2. Objective

To select particular stocks and buy them automatically at particular time if some algorithmic and chart conditions are meet.

3. Methodology

Using stock screeners, we will select some stocks based on some indicators. UI path will be used to create bot to buy those selected stocks.

4. Deliverable

Will deliver all the source code file (modules and functions), generated by UIPath through GitHub. All the documentation and other necessary files will also be available through GitHub.

5. Scope

This bot will assess kite and trading view for real trade and paper trade respectively.

6. Workflow Diagram

