

Hi, Developer,

We want to Develop Indian Stock Market Trading App(Web) using Readymade API, You just need to design interface and calling api and show result in webpage. It is not sound so simple!!!

We are Using Zerodha Python API , We already get License to develop application Using API by Subscribing Zerodha App. We already made payment for that.

**Please Refer General API Documentation**

- <https://kite.trade/docs/connect/v1/>

**Please Refer Python API Documentation**

- 1) Python API Class : <https://github.com/rainmattertech/pykiteconnect>
- 2) Python API Class Detail Documentation : <https://kite.trade/docs/pykiteconnect/>

You can also use forum to ask Question about API Support.

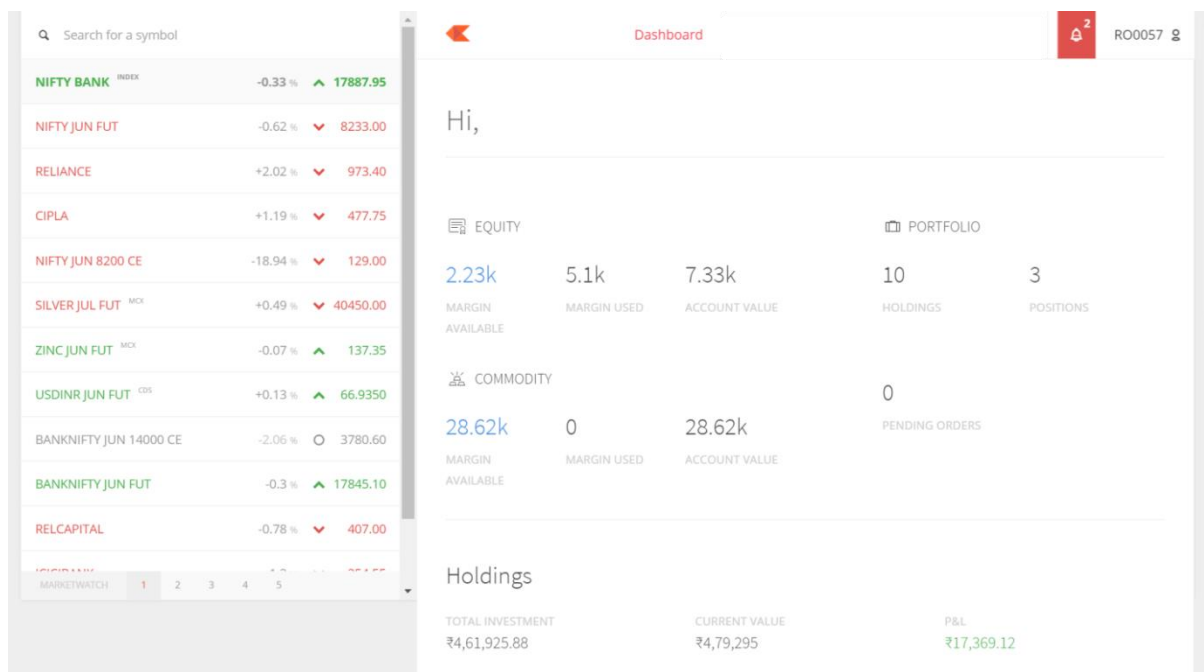
[www.kite.trade](http://www.kite.trade)-> Forum

As Per General API Documentation, Please follow Login Flow and get access\_token that is required for all subsequent API Calling.

We have done some basic Research and Create following Screen and Workflow Documentation.  
After Login Following Screen should be displayed.

## 1) DashBoard(Main Screen-HomePage)

- Left Panel
  - i. Top - Market Watch Search
  - ii. Middle Part – Script
  - iii. Market Watch Switching Panel (1, 2, 3,4 , Scanner)
- Right Panel
  - i. Equity Figure
  - ii. Portfolio Figure
  - iii. Commodity (Not Required)
  - iv. Holding Figure



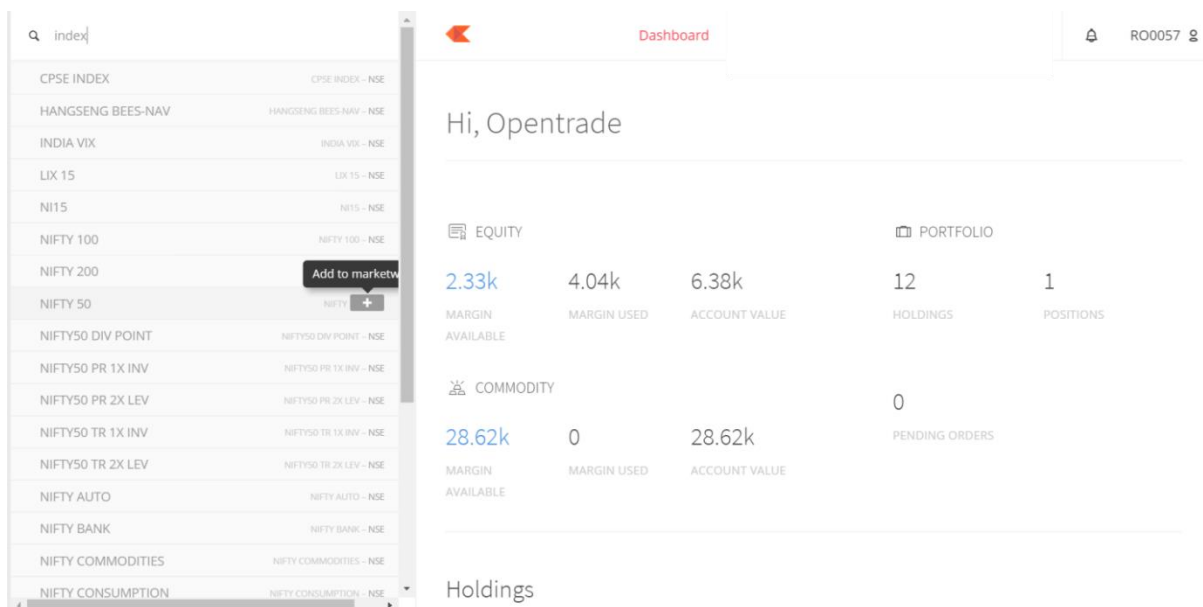
## 2) Market Watch Script Add Like this

i. Left Panel-> 1) Top - Market Watch Search should be like below image.

Search will be done through all listed scripts (instrument List).

You can get ALL Instrument list by calling API. Also note that instrument also changed every month. Due to some will expire by month. And some will added by end of month. But you can get updated list by calling instrument list API.

You should store (In Database) 5 Market Watch (Name Should be 1, 2, 3, 4, Scanner).



- One smart search box to instantly search tens of thousands of instruments and contracts across all segments and exchanges.
- All marketwatch's numbered 1 to 4, & Scanner, with a limit of 25 scrips per marketwatch.

Examples to search and add scrips onto marketwatch

1. To add Nifty index either search for index, or nifty 50 index, select and click on +. Similarly search for any other indices.
2. To add Reliance BSE, just search for Reliance BSE.
3. To add Banknifty 16th June 17000 CE (weekly option), search for Banknifty 16 June 17000 CE.

### 3) Web-Socket API Calling (Refer Documentation)

After Adding Script to Market-Watch, Every script should display current market price and Value change (From Previous Close) in Market Watch Window in Live Market.

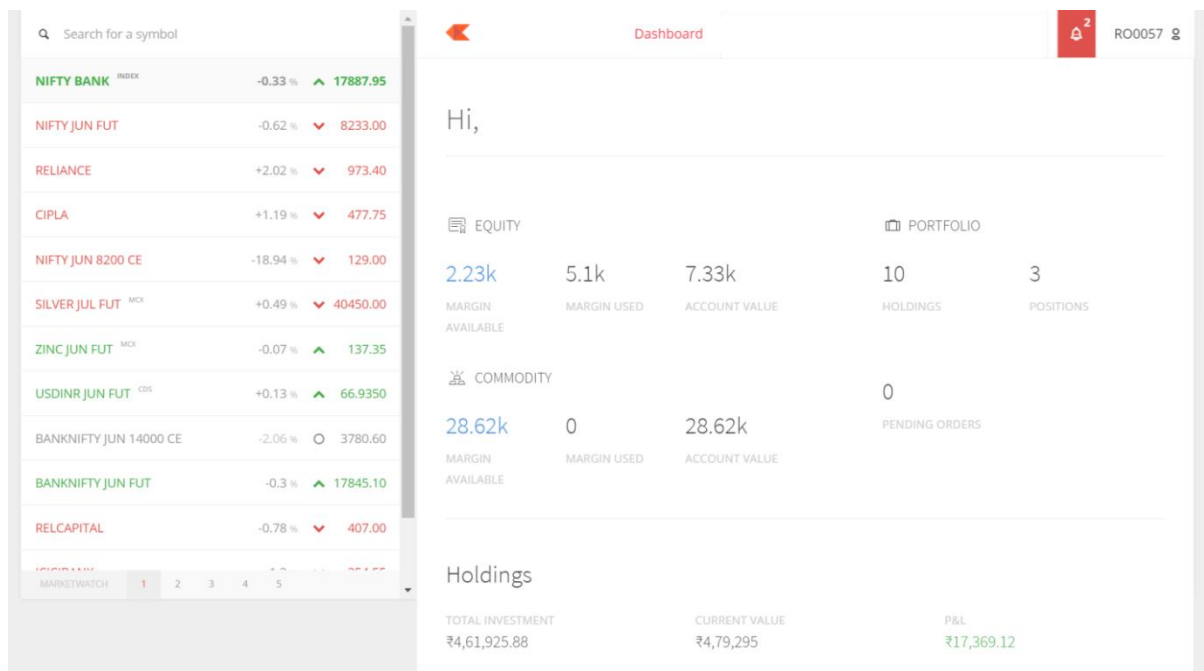
Note: Live Market Timing is 09:16AM to 3:30PM (As per Indian Standard Time +5:30)

Color Combination: Script Font Color should be

Red - > Value Change Negative from previous tick

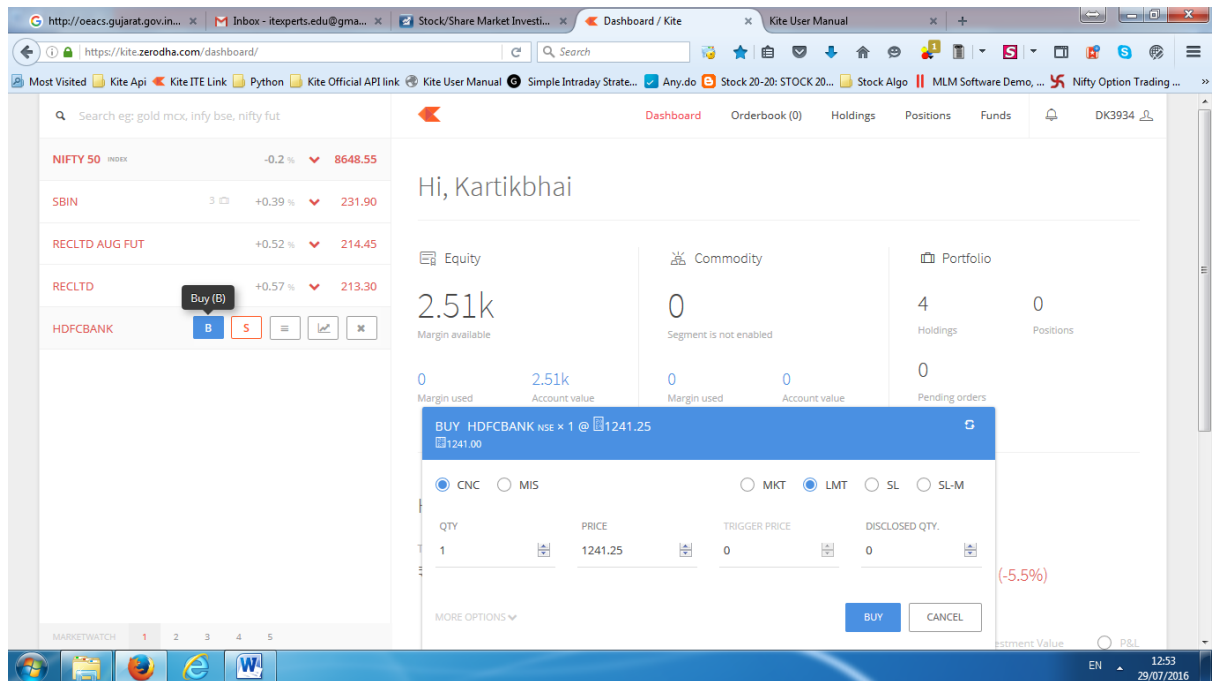
Green - > Value Change Positive from Pervious tick

Black - > No Change from previous tick



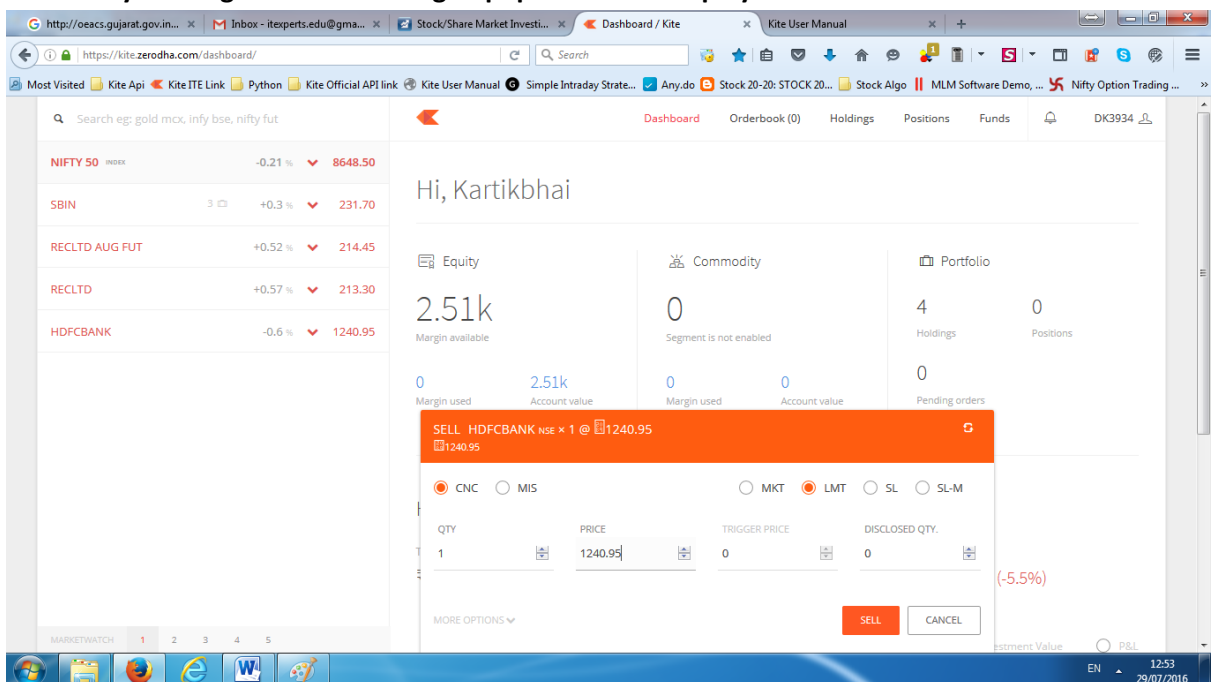
## 4) Buy & Sell

- In Market Watch, Mouse Over Three Button Should be Displayed,
  - Buy
  - Sell
  - Delete
- By Clicking on Buy Following Popup Should be displayed



We do not Require SL & SL-M Option , We also not require Trigger Price & Disclosed Qty.

- By Clicking on Sell Following Popup Should be displayed



## 5) Order Management

Following Tab Should be There

- Pending Order
- Executed Order

**Note : Pending Order should have 'Cancel All Order Button' to Cancel all placed order**

The screenshot shows the Kite Orderbook interface. The 'Open Orders' tab is active, displaying a table with one order:

Time	Instrument	Type	Qty.	Price	Product	Status
00:37:23	RECLTD NSE	BUY	0 / 1	217	CNC	AMO REQ RECEIVED

Below the table, there is a section for 'Executed Orders' which is currently empty, showing 'Nothing here.' The interface also includes a sidebar with market data and a top navigation bar with various tabs like Dashboard, Orderbook (1), Holdings, Positions, Funds, and a user profile icon.

## 6A) Holding

The screenshot shows the Kite Holdings interface. The 'Holdings' tab is active, displaying a table with four holdings:

Instrument	Qty.	Avg cost.	LTP	Current value	P&L	Net chg.	Day's chg.
CESC	1	577.05	617.00	617.00	39.95	+6.92%	+1.08%
IFCI	10	24.15	28.35	283.50	42.00	+17.39%	+1.25%
JAYNECOIND	1175	9.00	8.10	9,517.50	-1,052.50	-9.96%	+1.25%
SBIN	3	211.42	231.85	695.55	61.30	+9.66%	+2.75%

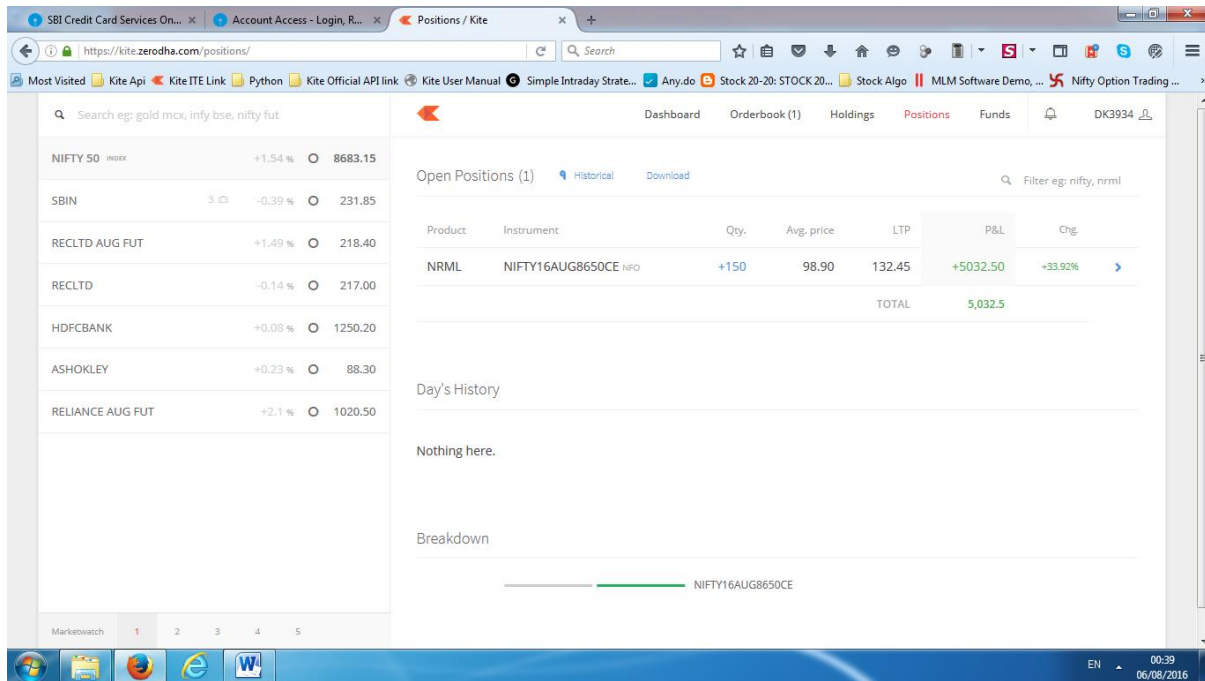
Below the table, there is a summary section showing:

TOTAL INVESTMENT	CURRENT VALUE	P&L
₹12,022.8	₹11,113.55	₹-909.25 (-7.6%)

The interface also includes a sidebar with market data and a top navigation bar with various tabs like Dashboard, Orderbook (1), Holdings, Positions, Funds, and a user profile icon.

## 6B) Position

Current Position should be displayed as below.



## 7) Scan Management

If Yes, then All 'Scanner Market' Watch Script should call web socket and check Volume and Price following condition.

Select Script From Market Watch : DropDown (All Scanner Script)

<b>Scanner Market Watch</b>	<ul style="list-style-type: none"> <li>Start</li> <li>Stop</li> </ul>
<b>Scan</b>	<b>1 Min/ 5 Min/ 10 Min</b>

< Following Sample Data for 1 Min SBIN >

Script	Interval Set	Time(Per Min.)	Volume	CMP
SBIN	1	11:30	20K	200.50
SBIN	5	11:29	40K	200.70
SBIN	10	11:28	257K	200.85
SBIN	5	11:27	71K	201.58
SBIN	1	11:26	43K	200.47

Note : Display Only Last 25

Above All Data Should be Store in sql , until Stop Button Pressed By User.

## 8) User Menu

[User-Name]

- Change Password
- Send Feedback
- LogOut