1. Coding Standards

Coding standards are used for understanding of code to software engineers for project management and also for the organization overall.

1.1 Indentation

Proper indentation is one of the important parts for producing the programmer for easy to understand and also read the programs. We can not use Tabs for the purpose of the indentation. For indent minimum 3 spaces shall be used. Once the number of spaces is indent by the programmer then the programmer must use that throughout the program.

1.2 Inline Comments

Inline Comments is used for understanding of code who is not familiar with that. It is explaining the logic of the line of that code or which is used for that. For php we used " // " for inline comment. For html we used " <!-- comment --> " and for comment in python we used " # ".

1.3 Structured Programming

Structured in programming useful for storing data. In php for structured programming we used PSR-1 because it is well structured and also it is universal.

1.4 Classes, Subroutines, Functions, and Methods

We must have to keep the function and classes reasonably sized and also it depends on the language. For easily understanding of function or class must have verbs in that which specify the action. In this project we used four functions which are fun_hold, fun_pos, hideprice and showprice. All functions are on click function.

Function	Use
fun_hold	For automatic fills the sell details
fun_pos	For automatic fills the sell details
hideprize	For hide the price when market as order type selected
showprize	For hide the price when limit as order type is selected

1.5 Source Files

The name of the source file must represent its function. In all files we used routines which must have common purpose. We used php, css, html and python languages for source code. And we merge the css, html, and php. So we have two different types of files.

Source File Name	Use
oauth.php	For authentication
createNewPassword.php	For create the new password
dash.php	For making the dash of site
forgetPassword.php	User who Forget the password logic
neworder.php	To transact
reg.php	For updating database when use has already filled the registration form
register.php	For making registration page
.test_full.py	For automation testing
neworder-1.php	For order of selling stock

1.6 Variable Names

We must have to keep variable names meaningful for its use. We must have to initialize the variable name before its use.

Variables Name	Use
username	For username
password	For client password
conn	For connection
sqlx	For sql query
result	Result of sql query(object)
row	For fetching sql row
_SESSION	For sharing variable across php files
u_email	For user email
existing_result	For store query result
id	For store client id
_POST	For storing info. When post is used
newPassword	For new Password
mailto	For storing email string email
mailSub	For mail subject
u_name	For client username
otp	For storing otp between 1000 to 9999
msg	For message
_COOKIE	For store cookie

lastid	For previous client id
lastordid	For last order id
stockprice	For stock size
client_id	For client id
ordertype	Type of order
state	For status of order
fname	First name
lname	Last name
mname	Middle name
gender	For gender
phone	For phone number
phone2	For other phone number
email	For user email
bankname	For bank name
bank_acc_no	For user bank account number
pan	For pan card number
city	For city
ticker_name	Stock name
ticker_size	For stock size
Ordertype	Type of order
Positiontype	Type of position
stockprize	For stock price
stack_order	For elements of stock order drop down

ticker_size	For elements of stock size
delivery	For elements of delivery radio button
MIS	For elements of MIS radio button

1.7 Use of Braces

In some languages like c, braces are used for the condition statements and also for the control constructs. Use of braces is a better way to help the code look neat. Programmers whichever style is used for braces must be used for the throught the system.