

Client	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Handle user login/Check Credentials• Direct user to requested web page• Compile data to display on a given web page• Maintain and terminate connections with users• Serve Front End Flask Pages	Server

Server	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Communicate requests with the market• Execute orders• Retrieve final values of transactions• Calculate the time increment in which an order should be sold• Provide endpoint for order tracking	Client, TransactionExecuter, database_methods

Order	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Keep track of specific order in market• Provide number of transactions executed	TransactionExecuter

TransactionExecuter (Transaction.py)	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Execute trades based on the information specified in the JPMorgan API• Communicate trade outcomes with the server• Send trade outcomes via the database_methods class to the database	Server, database_methods

database_methods	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Execute database queries to update user passwords, transactions and trades• Read database queries to obtain information about user passwords, transactions and trades	Server, Transaction Executer

UserPass	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Structure information about users and passwords in temporary memory after being retrieved from the database	database_methods

Transactions	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Structure information about transactions in temporary memory after being retrieved from the database	database_methods

ExecutedTrade	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Structure information about trades in temporary memory after being retrieved from the database	database_methods