Algo-trading market emulator HLD

For terminology and other relevant information please refer to the server HLD document.

<https://goo.gl/xUwXR2>

The project id delegated to three sub-projects(layers) containing the following:

**Presentation layer:**

**Business layer:**

**Data Access layer:**

The job of this layer is to communicate with the server. The layer process the requests which is coming from the user (the presentation layer), send it to the server with proper variables and then process the server response and sends it back to the presentation layer.

**Classes:**

Buy Request\Sell Request\Cancel Request- these three classes are about the simple request of the user to buy, sell or cancel the last request.

Query Market Request\Query User Request\Query Sell Buy Request- this classes returns information about the current data of the market, the user request and the sell\buy request.

Query Sell Buy Request\Market Item Query\Market User Data- this classes present the required information as we get from the user.