**Algo – trading client app HLD**

Background

Algo – trading app is an app that provides the user the option to purchase and sell stocks, to get information about active bids, and to get offers about which stock is recommended to buy.

Presentation layer:

The first layer is liable to get the user request, and transfer the data to the logic layer which applying the clients request.

The options that available for the user are:

- buying stock

- selling stock

- cancel an open transaction

- get information about the: user status, transaction status, stock status at the market.

Logistic layer:

The logistic layer is a mediation layer that transmit the user requests to the market client.

Market client:

This market client is liable to connect with the data base, send/get the requests.