domain

Stock

- -id : String -name : String -actPrice : Double
- -oldPrice : Double -lowerLimit : Double
- -upperLimit : Double
- -isNotified:Boolean

User

- -id : String
- -myStocks : ArrayList<Stock>
- + addStock(Stock stock): StatusCode
- + getStockByld(String stockId): Stock
- + deleteStock(String stockId): StatusCode
- + updateLowerLimit(String stockId, Double newValue): StatusCode
- + updateUpperLimit(String stockId , Double newValue): StatusCode
- + updateNotificationState(): void

protocol

PatchRequest

- id: String
- param: String
- value: String

ResponseProtocol

- status: StatusCode
- message: String
- values: List<T>
- + addValue(T value): boolean

StatusCode

- +RESPONSE_SUCCESS
- +BAD REQUEST
- +NOT FOUND
- +ALREADY_EXISTS
- +INVALID LIMIT