

## Requirements:

### Functional:

- Record trade data
- Store trade data inside of a database
- Be able to retrieve all open trades
- Be able to retrieve all closed trades
- Be able to receive all open/closed trades
- Be able to delete trade entries from the chat
- Be able to differentiate between a user and an admin then present appropriate options for each
- Cover all input validation cases
- Available at a minimum Monday to Friday (24 hours) while the stock trading is active
- Potentially will need to be able to calculate percentages for the moves

### Non-functional

- The bot should be simple to use with simple commands
- The bot should be able to manage the data effectively without the user needing extra input

### Constraints

- Time - Needs to be complete by the end of the semester
- Monetary - the budget should be kept at a minimum, under \$10