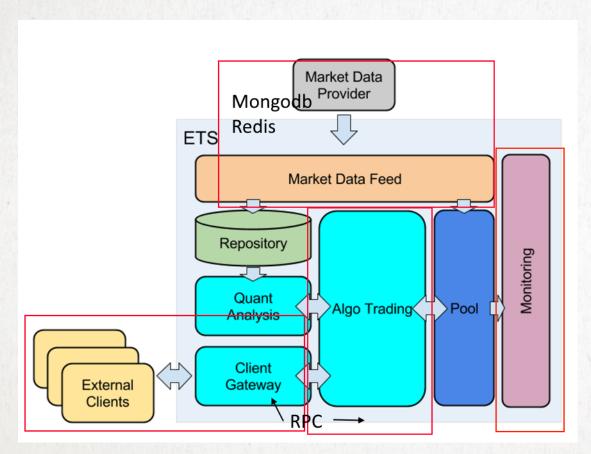
MID TERM REVIEW OF ALGO TRADING PROJECT

GUODONG SHEN

OVERVIEW

- Project design
- What we have done
- Todo

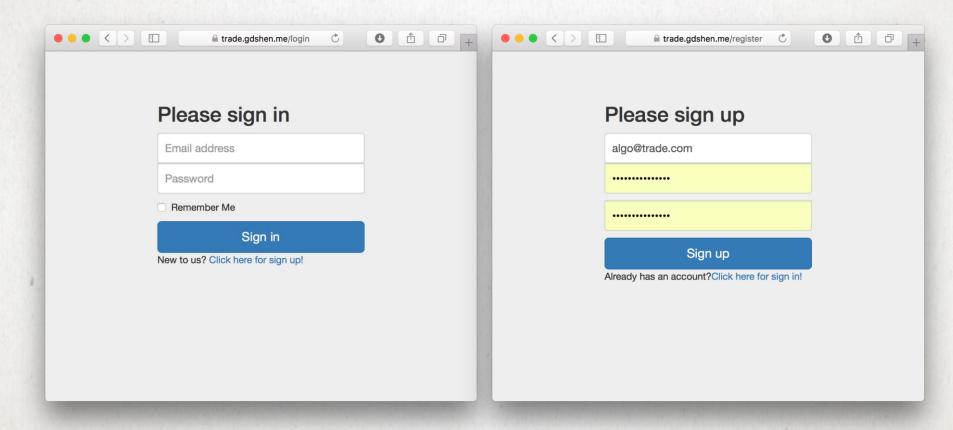
DESIGN



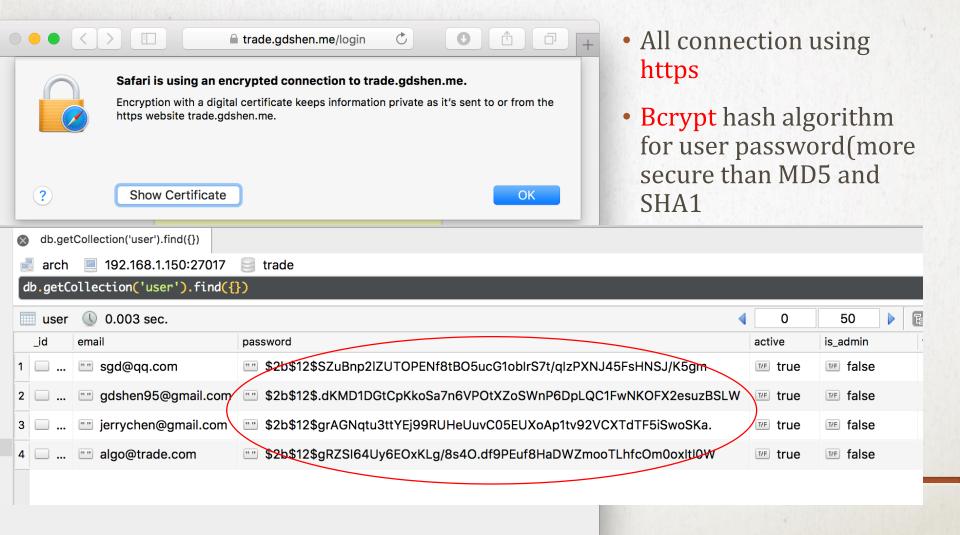
WHAT WE HAVE DONE

- Data feed and storage
- Quant analysis (TWAP & VWAP)
- User system (With a web UI)
- Logging

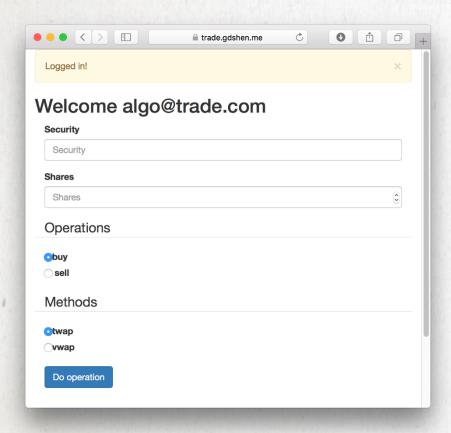
USER SING IN & SING UP

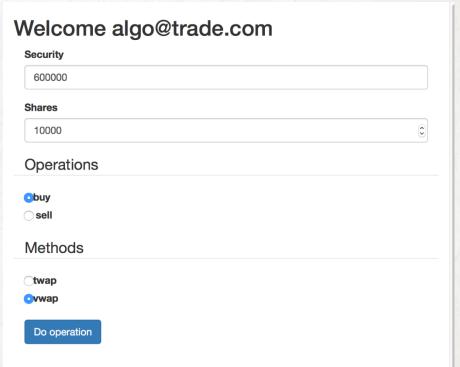


SECURITY CONCERN

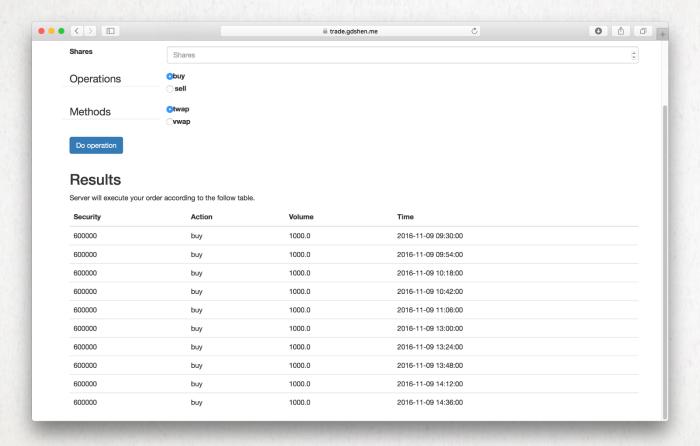


USER MAIN INTERFACE

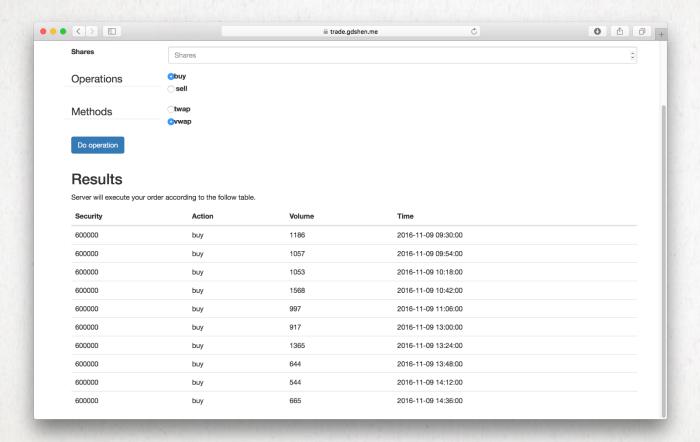


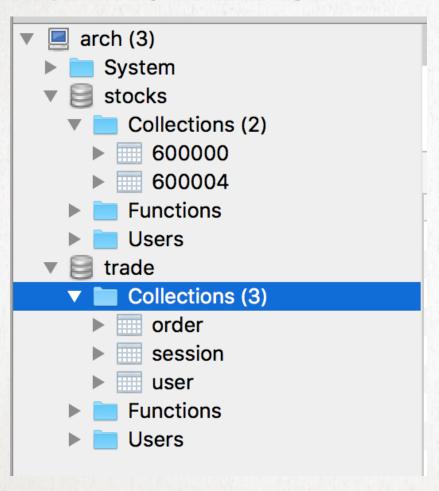


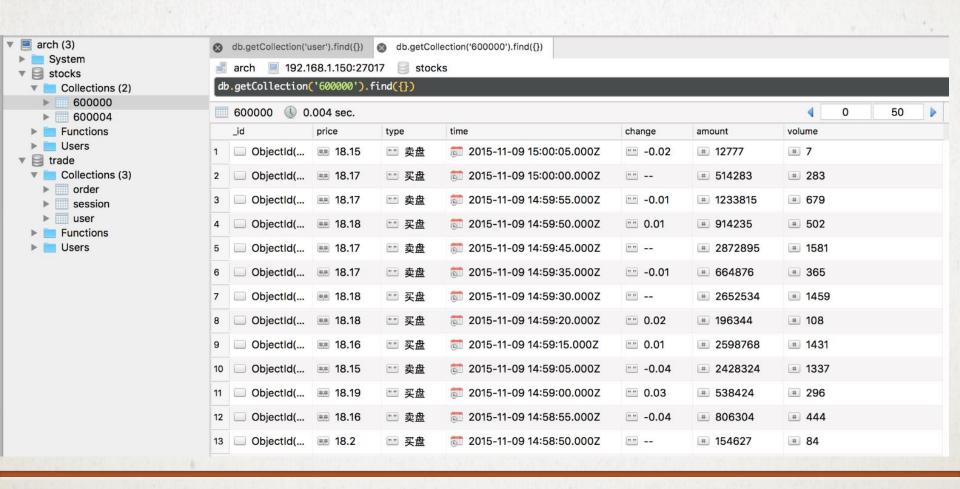
FEEDBACK OF TWAP

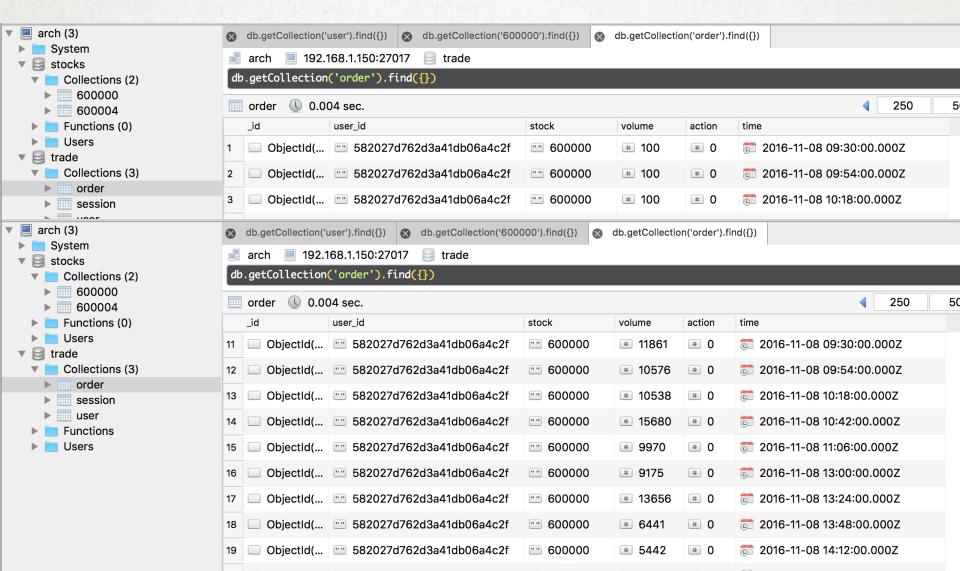


FEEDBACK OF VWAP











TODO FOR ADVANCED REQUIREMENT

- Performance optimization for vwap
- Machine learning methods for price prediction(doing)
- Native client
- Customized algo strading strategy
- Order matching system

OPEN SOURCE LIBRARY

- Arrow
- Mongodb
- Pymongo
- Mongoengine
- Flask
- Flask-login
- Flask-bcrypt
- Flask-debugtoolbar
- Flask-mongoengine

- Flask-wtf
- Wtforms
- Redis
- Redis-py
- Tushare
- Boostrap
- Numpy
- Pandas
- Zerorpc

