



About Titan Trading

Why now?

Bitcoin's Bubble Is Bursting. How Low Will Prices Fall?

The S&P 500 index is perilously close to falling under its closely watched 200-day moving average

Facebook Leads Sharp Decline of FANG Stocks This Week

The tech giants had a rough week.

Litecoin Falls To Lowest In 3 Weeks As Cryptos See Red

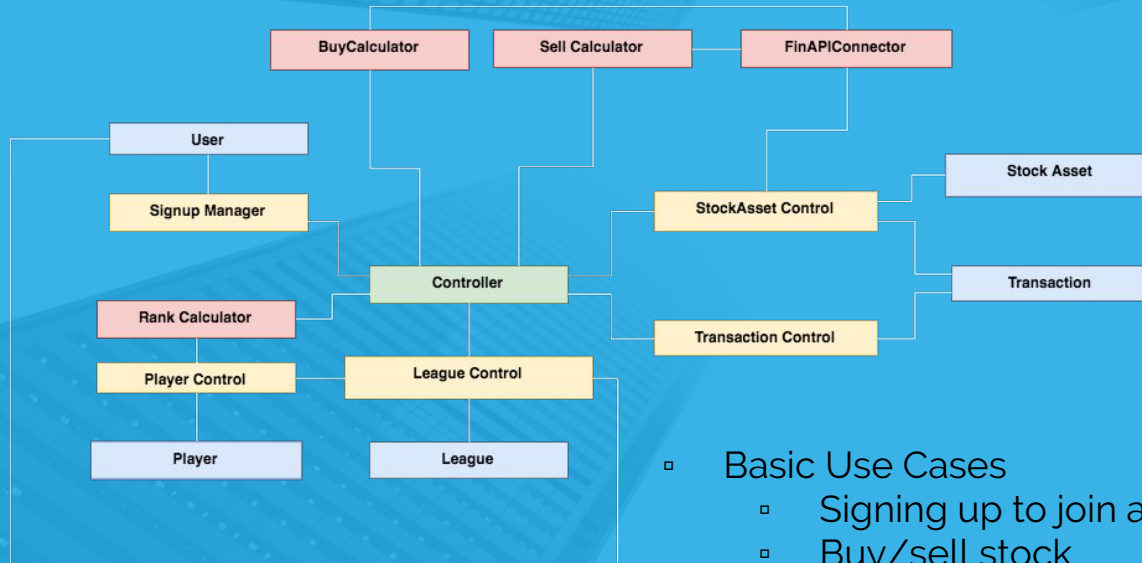
What is Titan Trading?

- Multiplayer stock and cryptocurrency trading game utilizing real-time data
- No monetary risk
- Implements different order types
- Has Universal trading league

What makes Titan Trading different from other trading leagues?

- Both **cryptocurrency** and public stocks leagues
- On-site news and educational resources

UML Planning

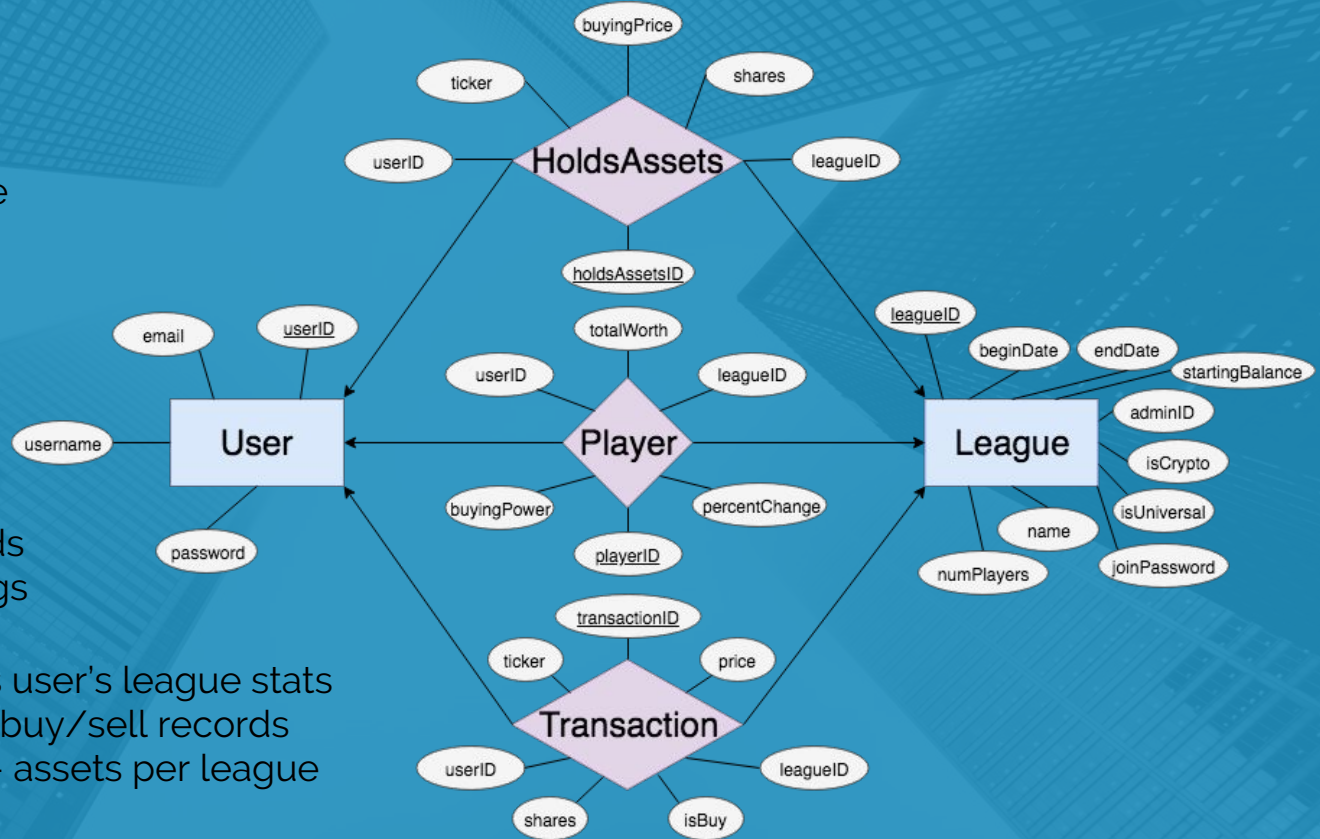


- Main Customer Requirements
 - Game
 - Stock and cryptocurrency option
 - Rewards system

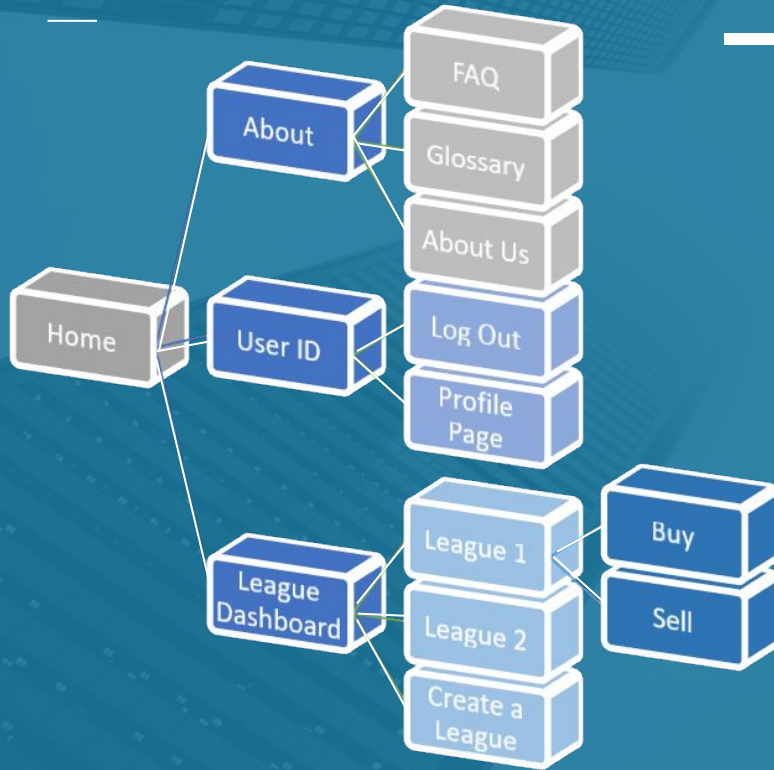
- Basic Use Cases
 - Signing up to join a league
 - Buy/sell stock
 - Winning trophies for different accomplishments

Database

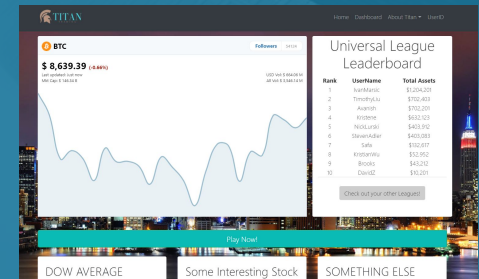
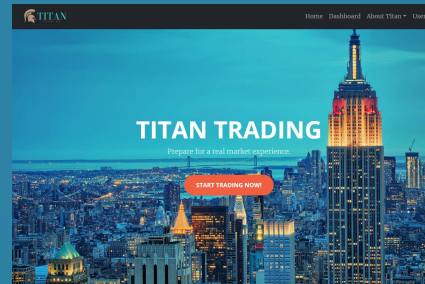
- Relational database managed using Postgresql
- Hosted on ElephantSQL
- Entities:
 - User - holds login info
 - League - holds league settings
- Relationships
 - Player - holds user's league stats
 - Transaction - buy/sell records
 - HoldsAssets - assets per league



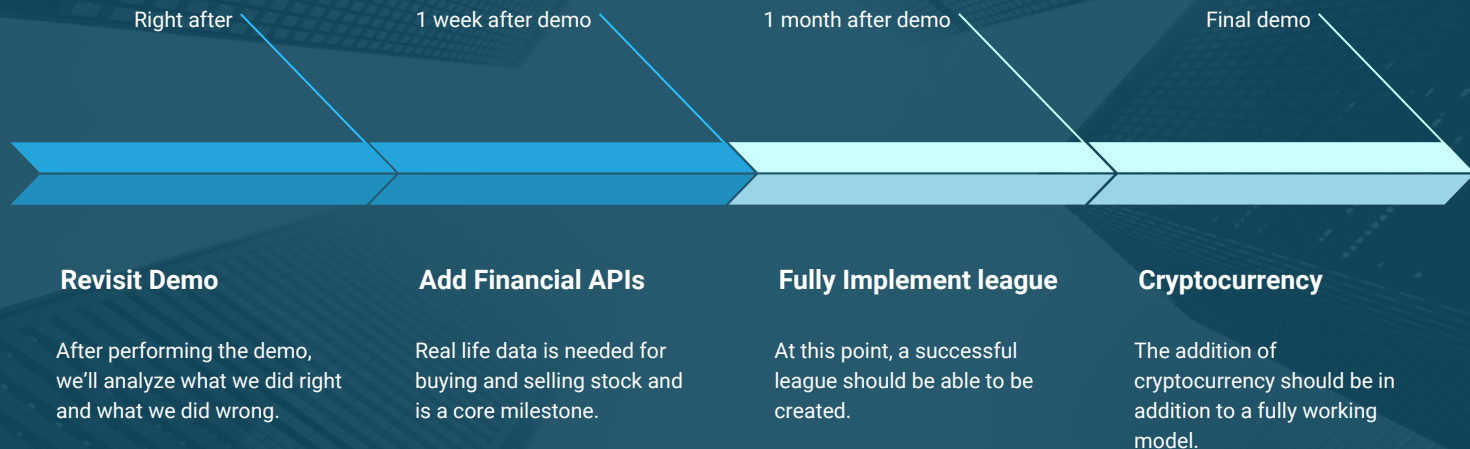
User Interface



- Implemented using Bootstrap, Django, HTML, and CSS
- Emphasizes compartmentalization of different leagues
- Has site-wide stock/crypto resources
- Uses Trading View and Dukascopy widgets, Alpha Vantage Finance API



Future Goals for Demo 2



Demo 2 Features

- ☐ Rewards system
- ☐ League rankings
- ☐ Market timers
- ☐ Minute-by-minute stock/crypto requests from Finance API