TEAM 3

WEB BASED STOCK FORECASTERS

DEMO 1

Peter Zhang

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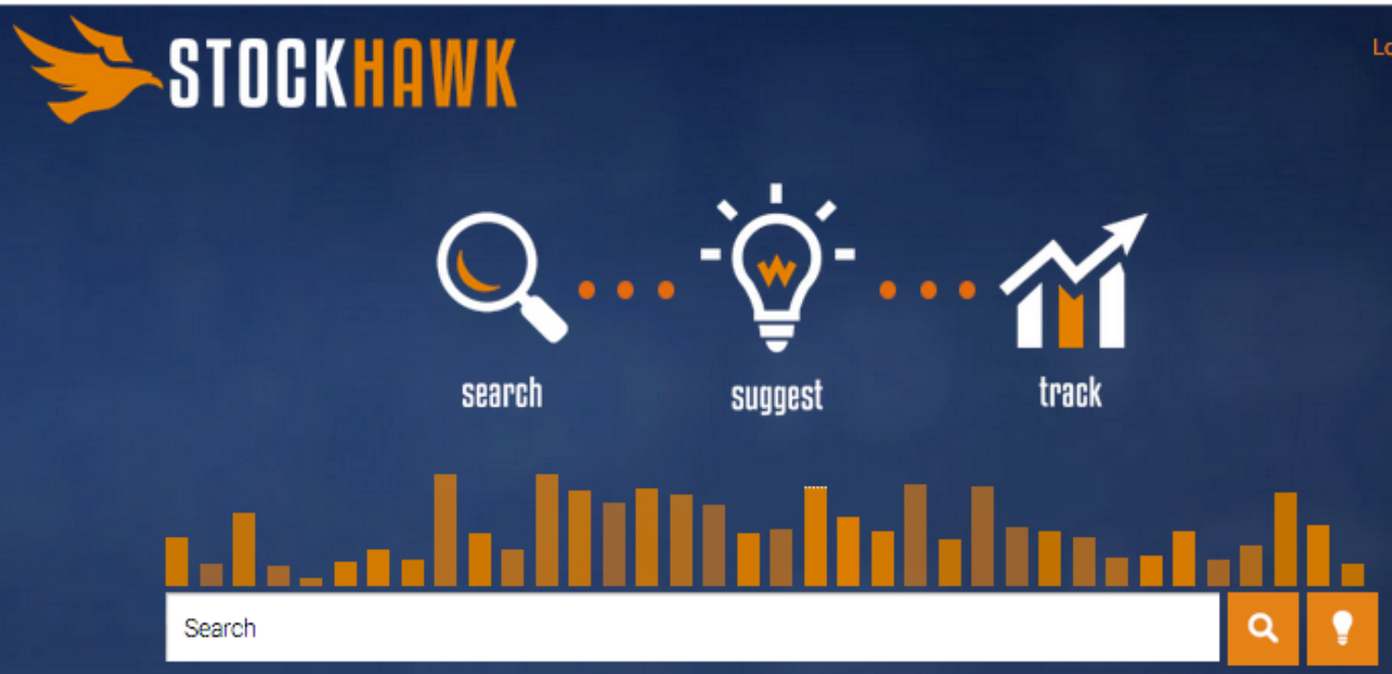
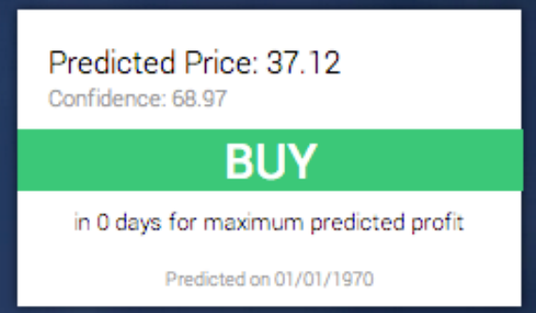
BRIEF OVERVIEW



- Searching, suggestions, and general user interface design choices.
- Predictions and data analyzation.
- Data mining and administrative features.

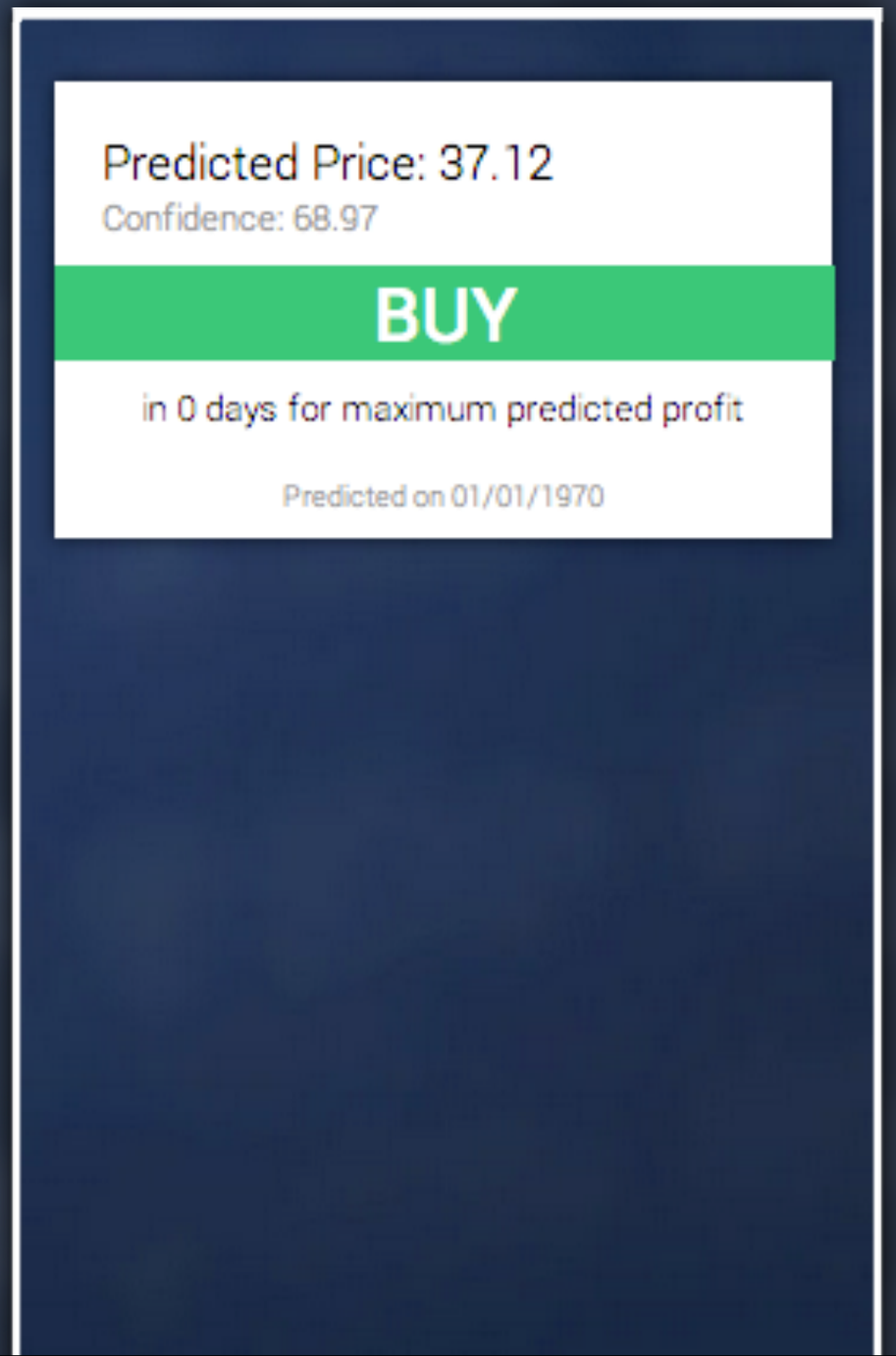
SEARCHING AND SUGGESTIONS



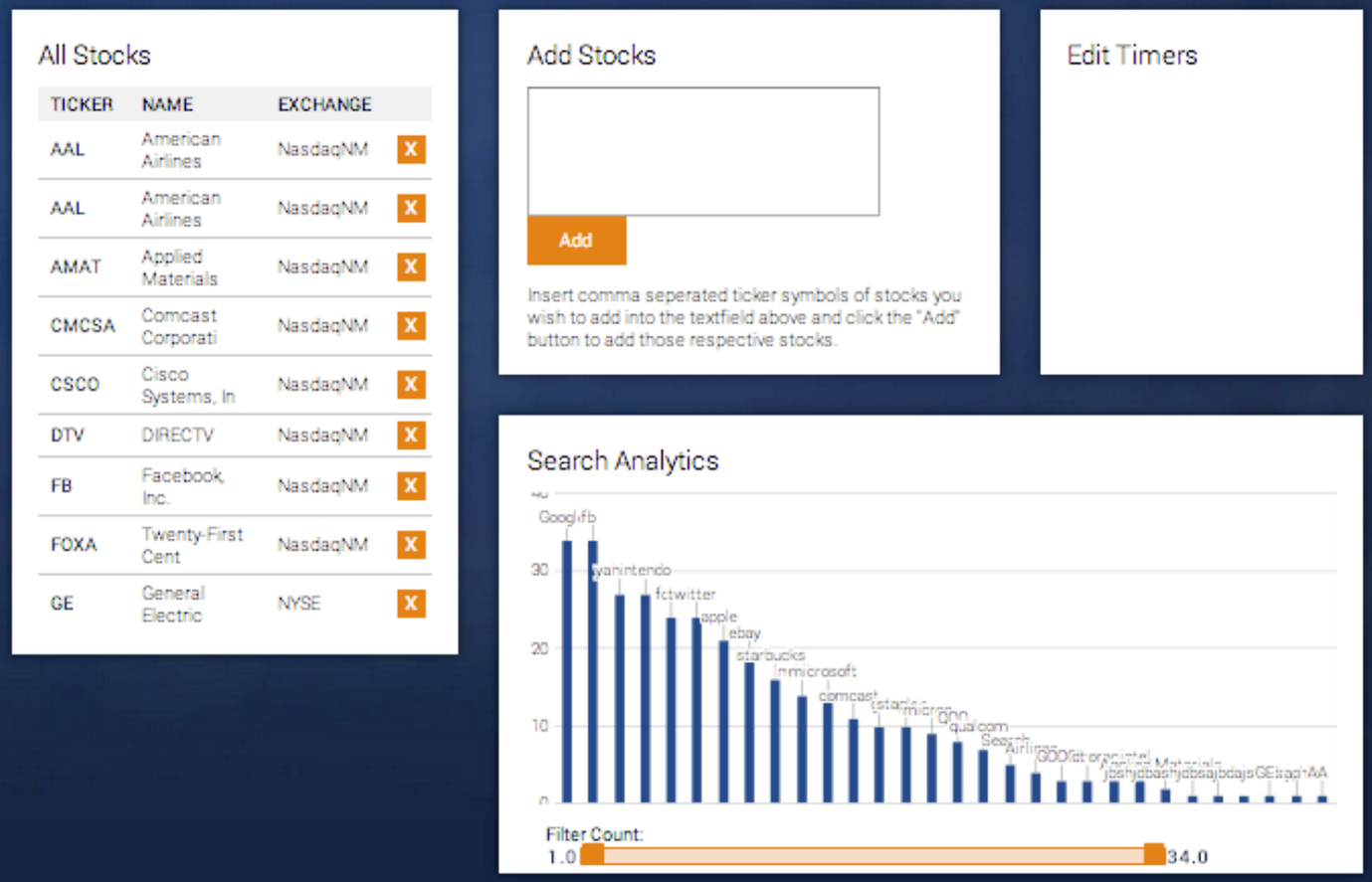
- Suggestions while typing
- Users not limited to fixed keywords
- Display both existing data as well as predicted data.
- Users not restricted by being required to login

Prediction and Data Analyzation

- MATLAB Neural Network Toolbox
- Average predicted price
- Confidence value
- Trading decision
- When to act for maximum profit



Administration and Data Mining



- View all stocks
- Add and remove stocks to predict upon
- User search analytics

Future Work

- User Accounts
  - Logging in/Registration
- Tracking of stocks
  - Sending notifications via email/text after predictions
- Editing of prediction and update timers upon demand
- Prediction Analytics displayed to the administrator
- Further optimization of Neural Network for better predictions
- Additional pages (FAQ, Help, Contact, Terms of Service, etc)