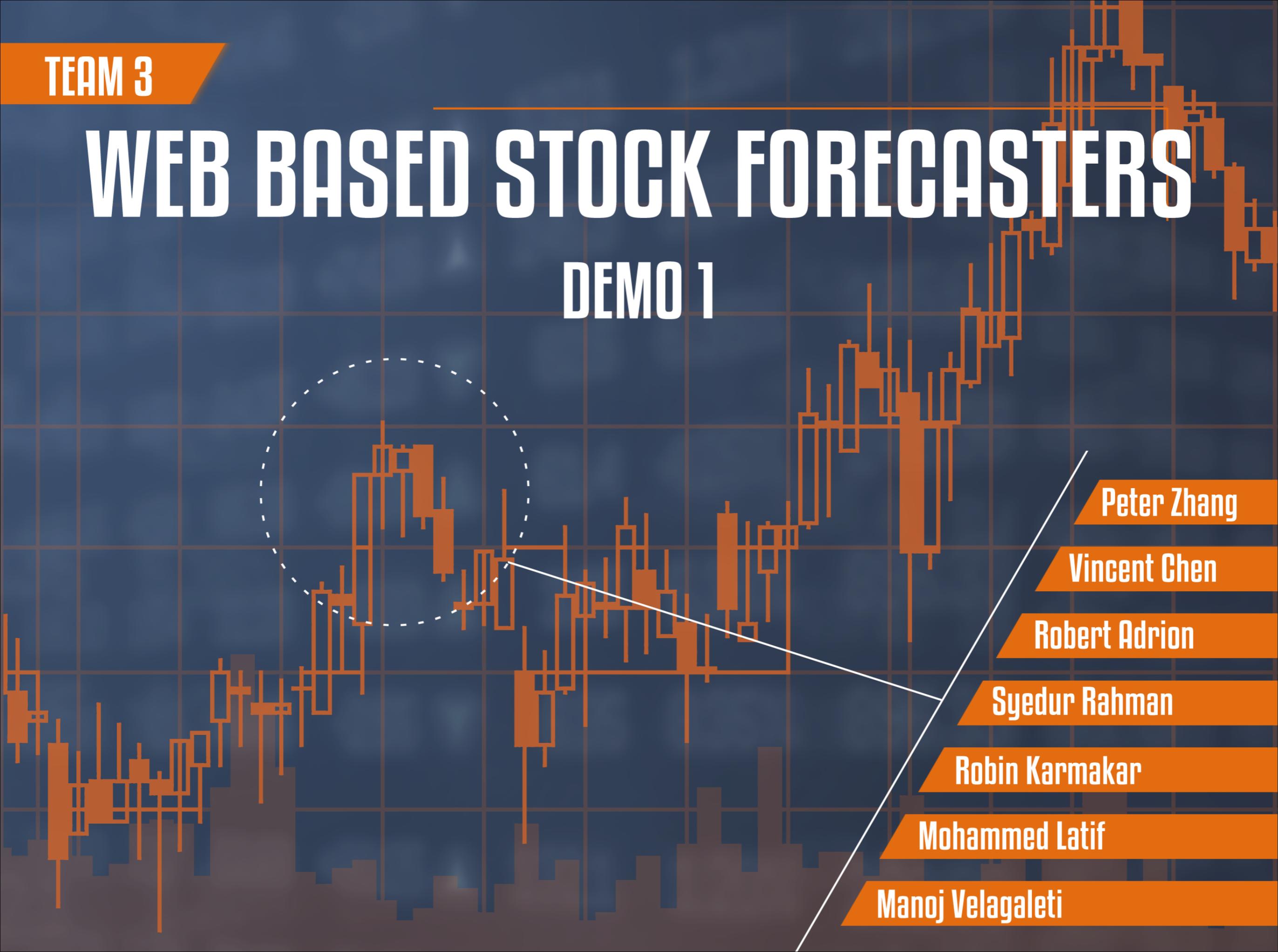


**TEAM 3**

# WEB BASED STOCK FORECASTERS

**DEMO 1**



**Peter Zhang**

**Vincent Chen**

**Robert Adrion**

**Syedur Rahman**

**Robin Karmakar**

**Mohammed Latif**

**Manoj Velagaleti**

# BRIEF OVERVIEW



[Login](#) [Register](#)



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

# SEARCHING AND SUGGESTIONS



Predicted Price: 37.12  
Confidence: 68.97

**BUY**

in 0 days for maximum predicted profit

Predicted on 01/01/1970

- 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

Predicted Price: 37.12

Confidence: 68.97

**BUY**

in 0 days for maximum predicted profit

Predicted on 01/01/1970

# Administration and Data Mining

### All Stocks

TICKER	NAME	EXCHANGE	
AAL	American Airlines	NasdaqNM	X
AAL	American Airlines	NasdaqNM	X
AMAT	Applied Materials	NasdaqNM	X
CMCSA	Comcast Corporati	NasdaqNM	X
CSCO	Cisco Systems, In	NasdaqNM	X
DTV	DIRECTV	NasdaqNM	X
FB	Facebook Inc.	NasdaqNM	X
FOXA	Twenty-First Cent	NasdaqNM	X
GE	General Electric	NYSE	X

### Add Stocks

Insert comma separated ticker symbols of stocks you wish to add into the textfield above and click the "Add" button to add those respective stocks.

### Edit Timers

### Search Analytics

Company	Search Volume
Google	35
Facebook	35
Nintendo	28
Twitter	25
Apple	22
eBay	18
Starbucks	15
Microsoft	12
Comcast	10
Intel	8
Others	5-10

Filter Count: 1.0 to 34.0

- 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)