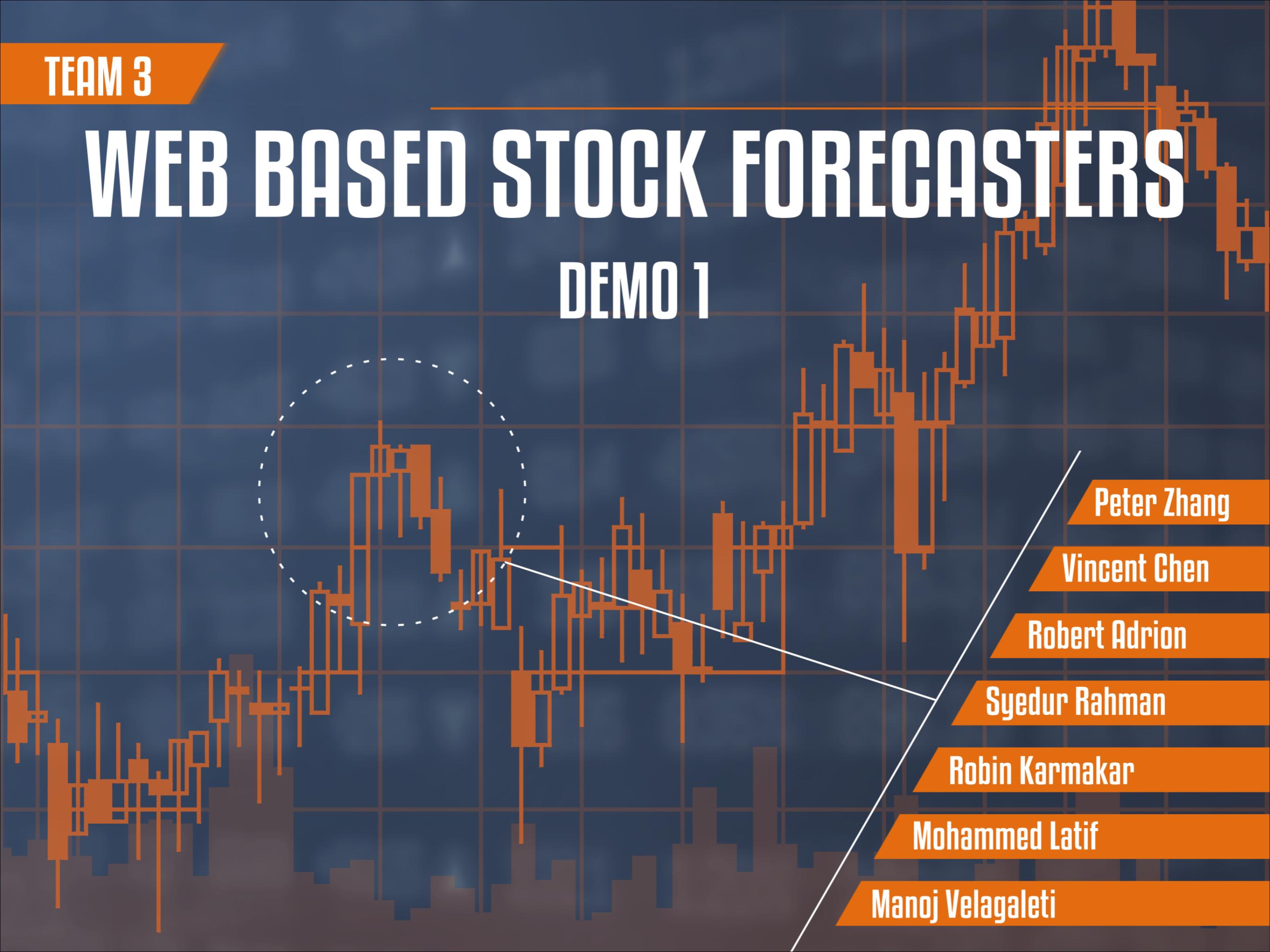


TEAM 3

# WEB BASED STOCK FORECASTERS

## DEMO 1

A dark blue background featuring a faint, semi-transparent stock market candlestick chart in the lower half of the slide.

Peter Zhang

Vincent Chen

Robert Adriion

Syedur Rahman

Robin Karmakar

Mohammed Latif

Manoj Velagaleti

# BRIEF OVERVIEW



- 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**

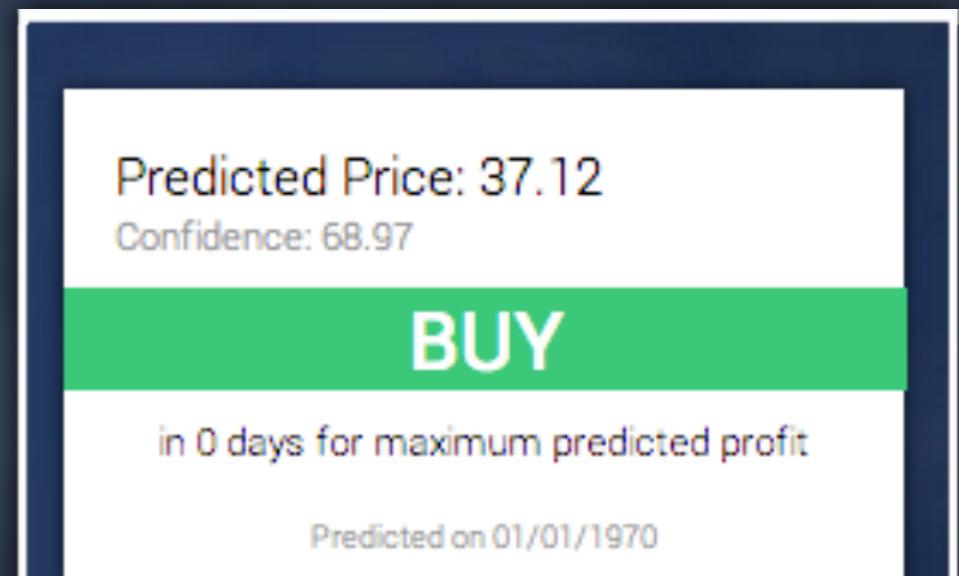
in 0 days for maximum predicted profit

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



# Administration and Data Mining

All Stocks

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

Add Stocks

Add

Insert comma seperated 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	Count
Google	30
fb	30
yanintendo	28
fctwitter	25
apple	25
ebay	22
starbucks	20
microsoft	18
comcast	15
total	15
micro	12
qqq	12
qualcom	10
Search	10
Airline	8
GOOG	5
dt	5
intel	5
joshuabashy	5
cbsa	5
bdajs	5
GE	5
rapAA	5

Filter Count: 1.0 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)