Lowtech Demo Template

L2L Blockchain

Don't use this template, create your own, make it beautiful
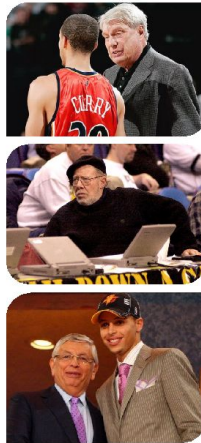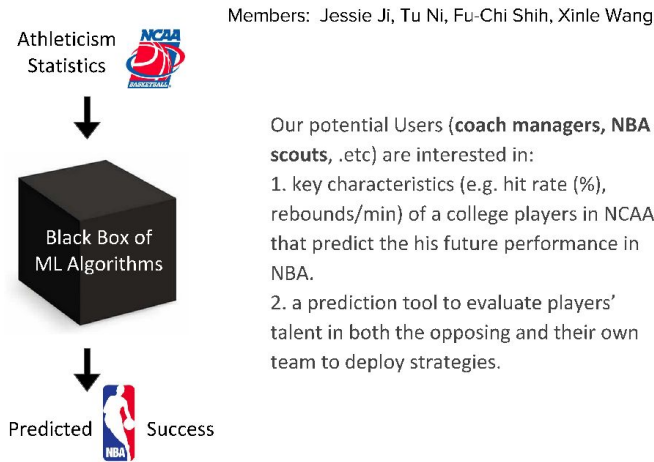
Name of Project
Project Overview

Name of team members

What is Your Project / Pitch

✘ High Level Description
✘ Any validation information (did you talk with anyone who wants it)

Example: Sport Prediction

Basketball Player Growth Prediction - College to NBA

Members: Jessie Ji, Tu Ni, Fu-Chi Shih, Xinle Wang

Athleticism Statistics → Black Box of ML Algorithms → Predicted Success

Our potential Users (**coach managers, NBA scouts**, .etc) are interested in:
1. key characteristics (e.g. hit rate (%), rebounds/min) of a college players in NCAA that predict the his future performance in NBA.
2. a prediction tool to evaluate players' talent in both the opposing and their own team to deploy strategies.

Example: Predictive Policing

Current Time: 9:57 pm

Low Alert
Moderate Alert
High Alert

Two potential purposes:
1) Safety app for students to alert them where there is a higher probability of crime
2) Analyze crime data and safety strategy data to determine where the police can optimally implement safety measures while minimizing cost

User Validation:
● Would like notifications when walking into a red zone
● Worried about potential misuse/exploitation by other students
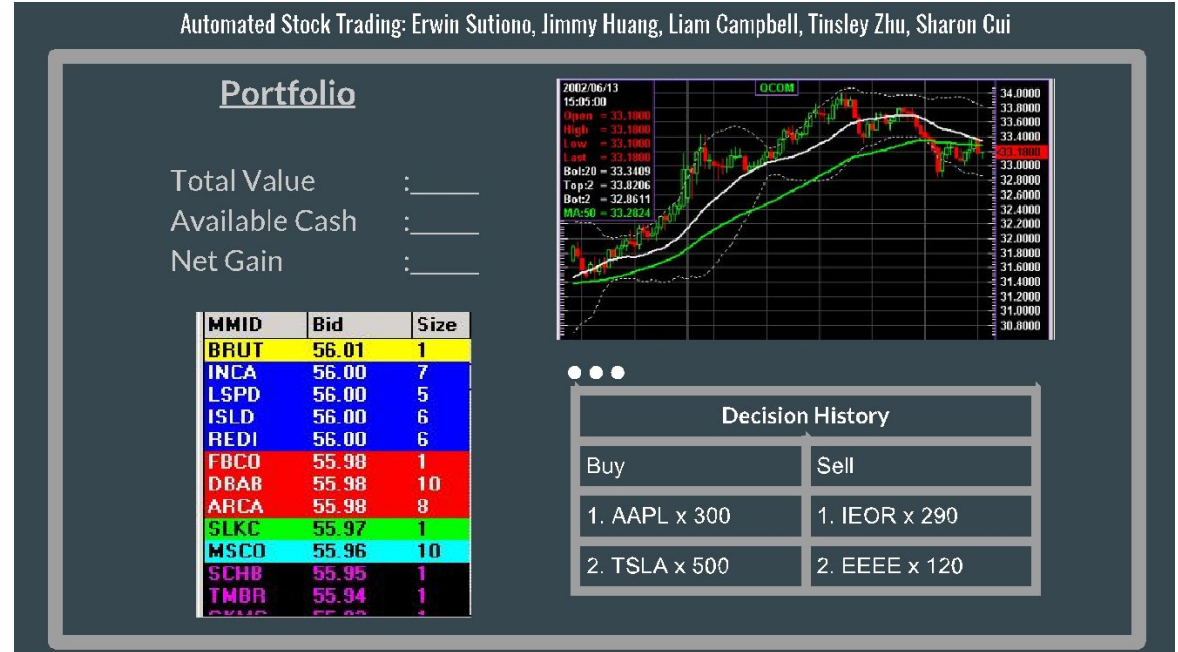● Would like "optimal path" if they put in a destination

Project: Predictive Policing || **Team Members**: Smita Jain, Sandra Herchen, Jin Lee, Yijin Hua, Gavin Lee

Intended User Interface

Example Intended Screenshot / Mockup

List Top 3 User Requirements (your best guess)
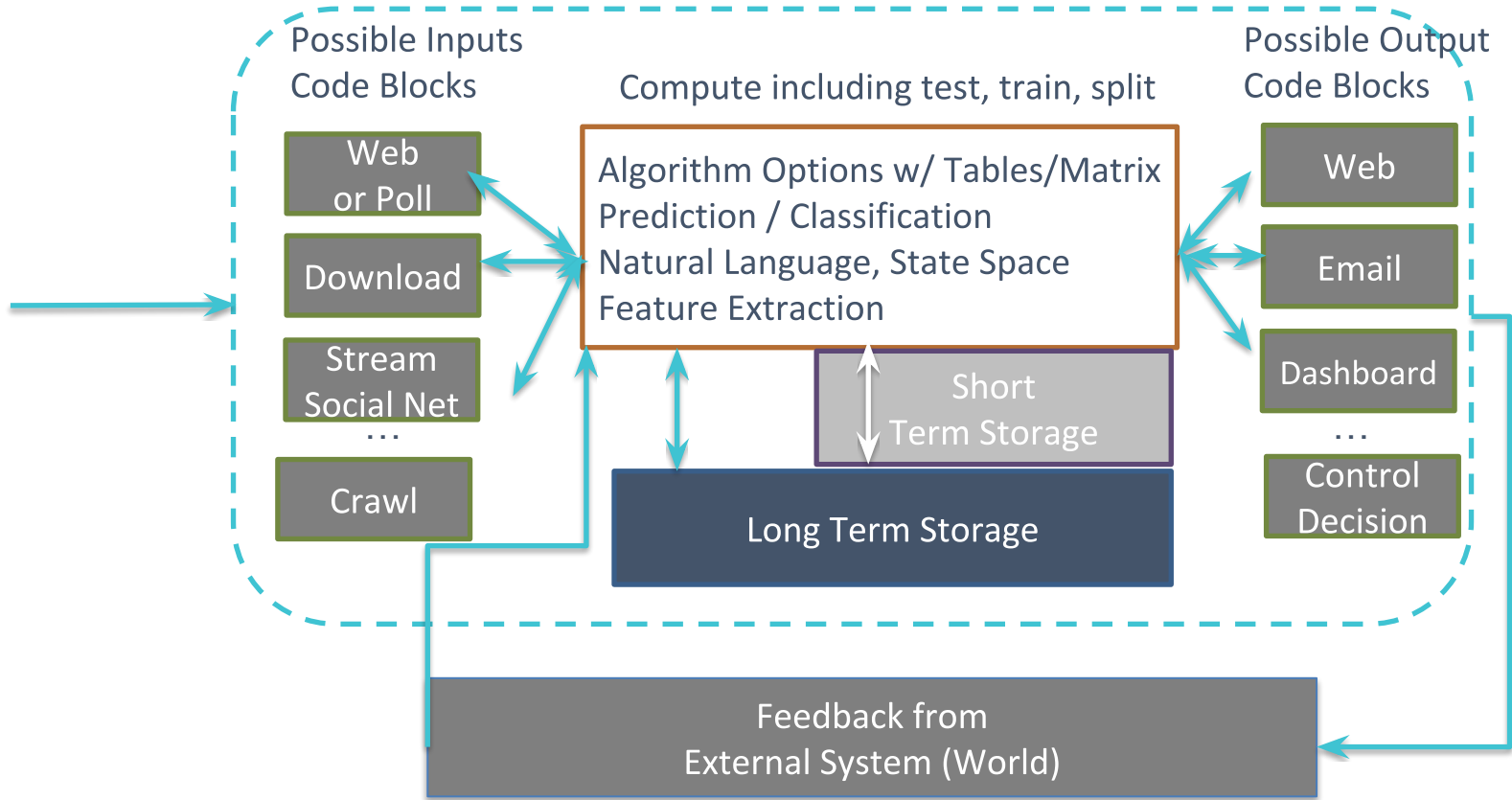
- Performance..
- Ease of Use..
- …

Technical Components of Project

Top Components in order of Importance

- UI
- Ability to send emails
- Use of Neural Network Algorithms
- Where will we get the data
- ..

- Color Code Orange or Red: Lines you need to learn to do
- Color Code Green: Lines which will be easy to develop

Sample Architecture (SA)

Replace the diagram below with your SA / DM
(it is okay to use two slides, one for SA and one for DM)

Possible Inputs
Code Blocks

Compute including test, train, split

Possible Output
Code Blocks

Web or Poll

Download

Stream Social Net
…

Crawl

Algorithm Options w/ Tables/Matrix
Prediction / Classification
Natural Language, State Space
Feature Extraction

Short Term Storage

Long Term Storage

Web

Email

Dashboard
…

Control Decision

Feedback from
External System (World)

Roadmap

✘ What is the initial set of tasks (3-5) tasks

✘ Put initials or a name next to each

Week 1
- Task 1
- Task 2

Week 2
Wait to decide

Week 3..
Wait to decide

Hint: start with the red items on your list of technical components

Consider Swim Lanes