# Introduction (60s)

## Team (15s)

Dung Dam

Yang Wang

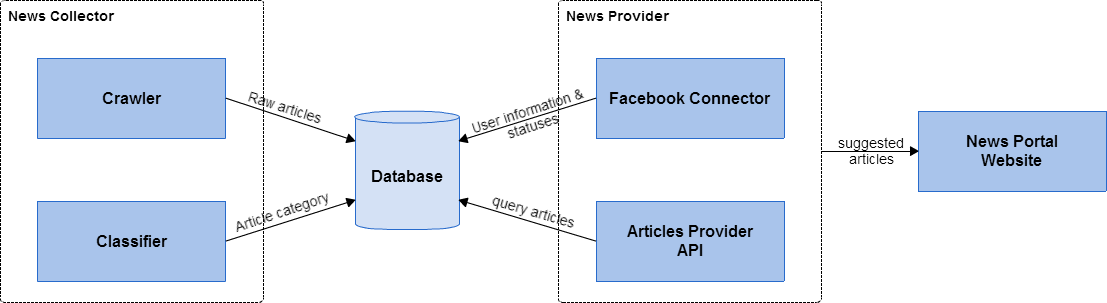
## 2 Big Questions (30s)

* A huge number of news articles are generated every day, is this possible to combine them into just one news portal?
  + Explanation about this problem
* People are personalizing their social network profiles every day, is this possible to extract their characteristics from those profiles to offer them the best user experience?
  + Explanation about this problem

## Our product (15s)

* A Personalized News Portal
  + We are trying to solve these two question in our product: A Personalized News Portal

# Project Overview (60s)



## News Collector (20s) 🡺 data flow

* Crawler
  + Blah blah
  + Blah blah
* Classifier
  + Blah blah

## News Provider (20s)

* Facebook connector
  + Blah blah
* Articles provider API
  + Blah blah

## Website (20s)

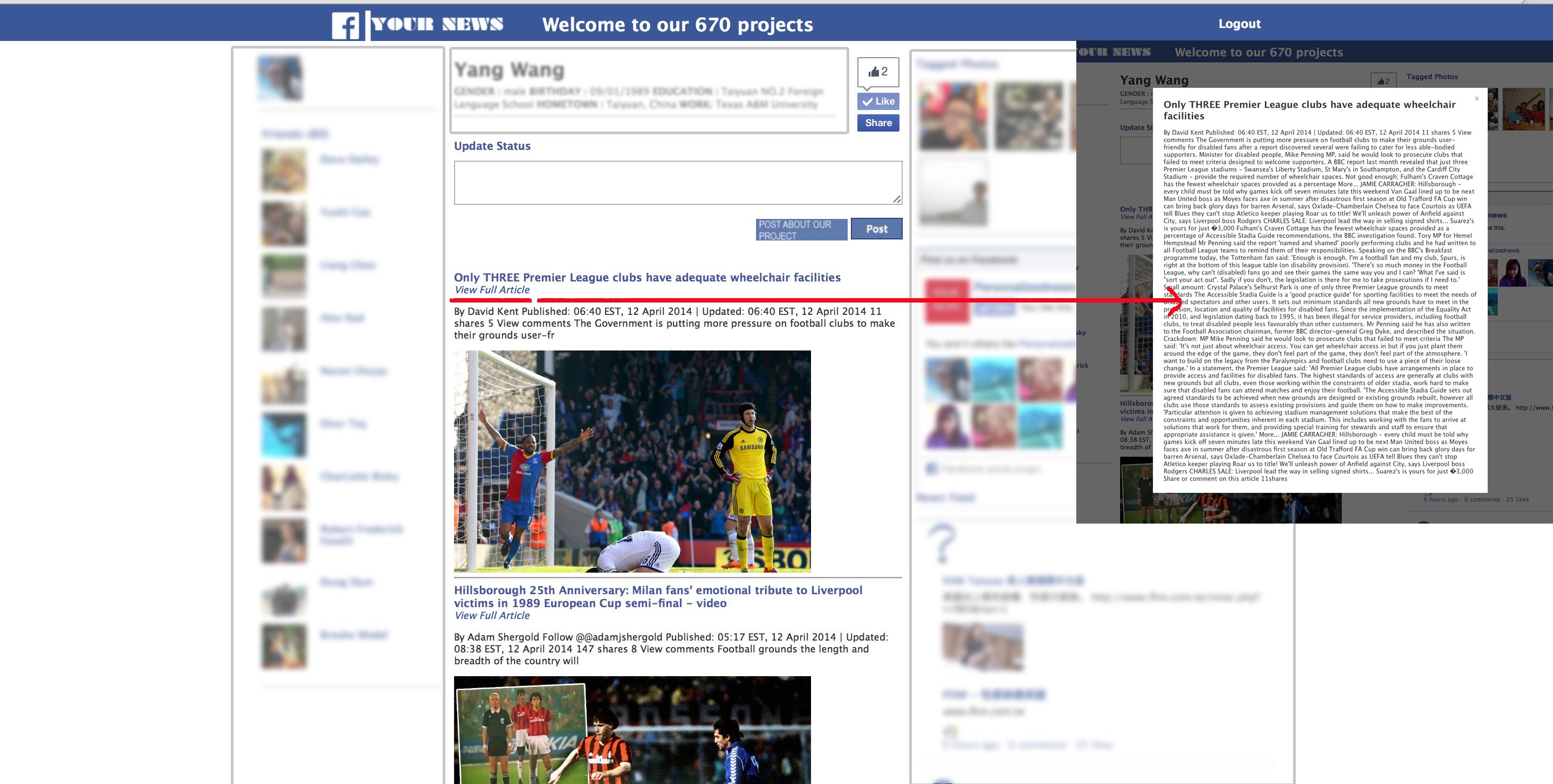
* Blah blah

# News Collector (40s) 🡺algorithm, implementation, difficulties

# News Provider (60s) 🡺 algorithm, implementation, difficulties

Get user Facebook information like: likes, interested in, favorites, books, movies. Then treat them as a vector. This user is represented by this vector. And get tf-idf cosine similarity to the articles in our database and return the first 20 ranked articles.

Get what category the user like base one “/me/likes” them map them to our pre-defined category and give each class a weight based on how frequent the user likes this category.

Multiple the cosine similarity score with the weight. 

# Current results (20s)

# Future work (20s)