Sherpa

Increasing Student Success With a Recommendation Engine

Bob Bramucci

South Orange County Community College District
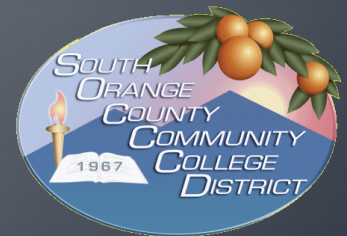
Overview

- About Us
- Importance of Recommendation Engines
- Sherpa Architecture
- Sherpa Demonstration
- User Experience Engineering

About Us

- About the SOCCCD
  - Two college district in southern California
  - Approximately 43,000 students
- History of In-House Development
  - Student Information System (SIS)
  - My Academic Plan (MAP)
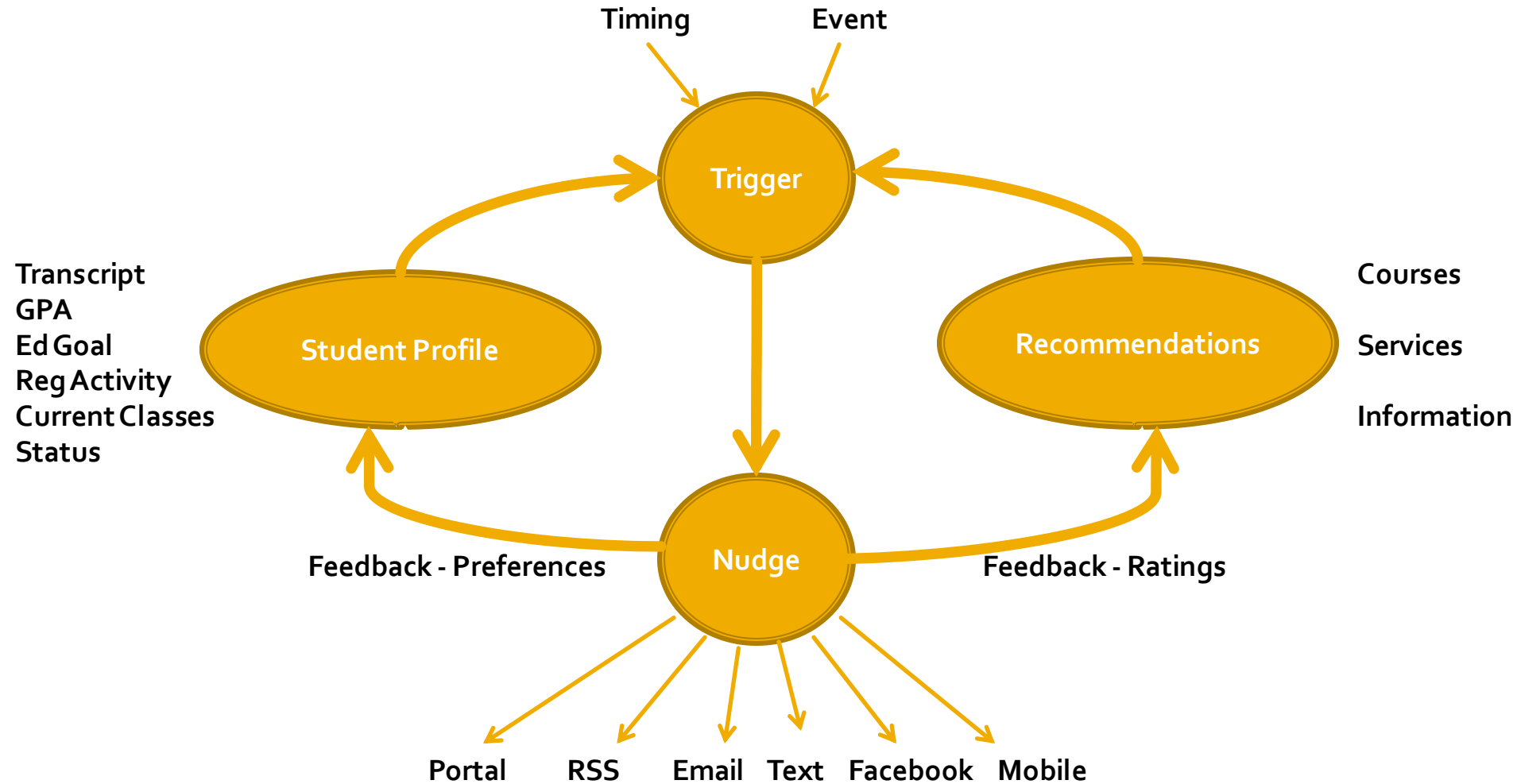
Project Overview

Recommendation Engines
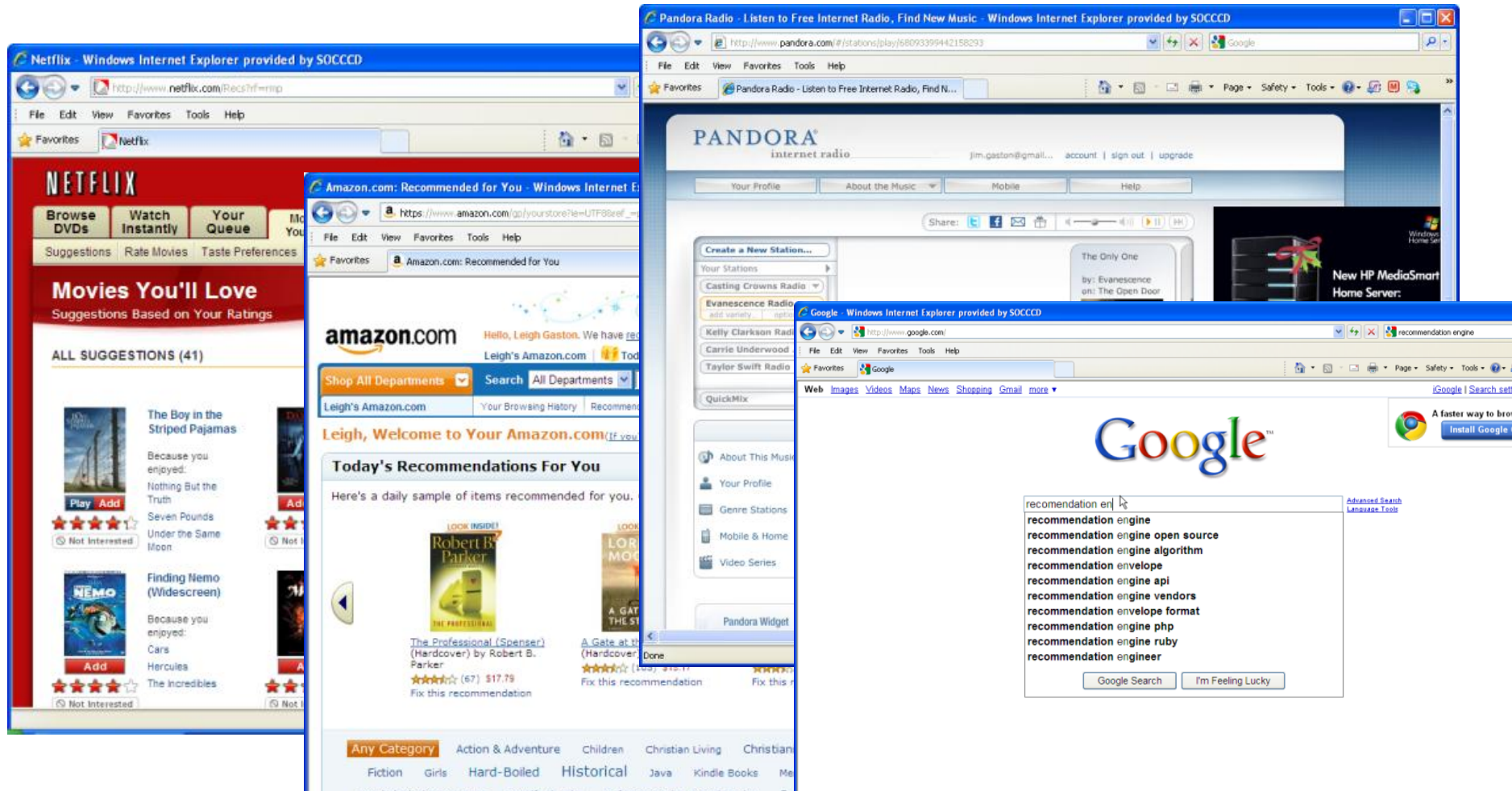
Sherpa

So what is *Sherpa*?

Sherpa is a *recommendation engine* that will guide students to make informed decisions regarding courses, services and information.

Sherpa Architecture

Recommendation Examples

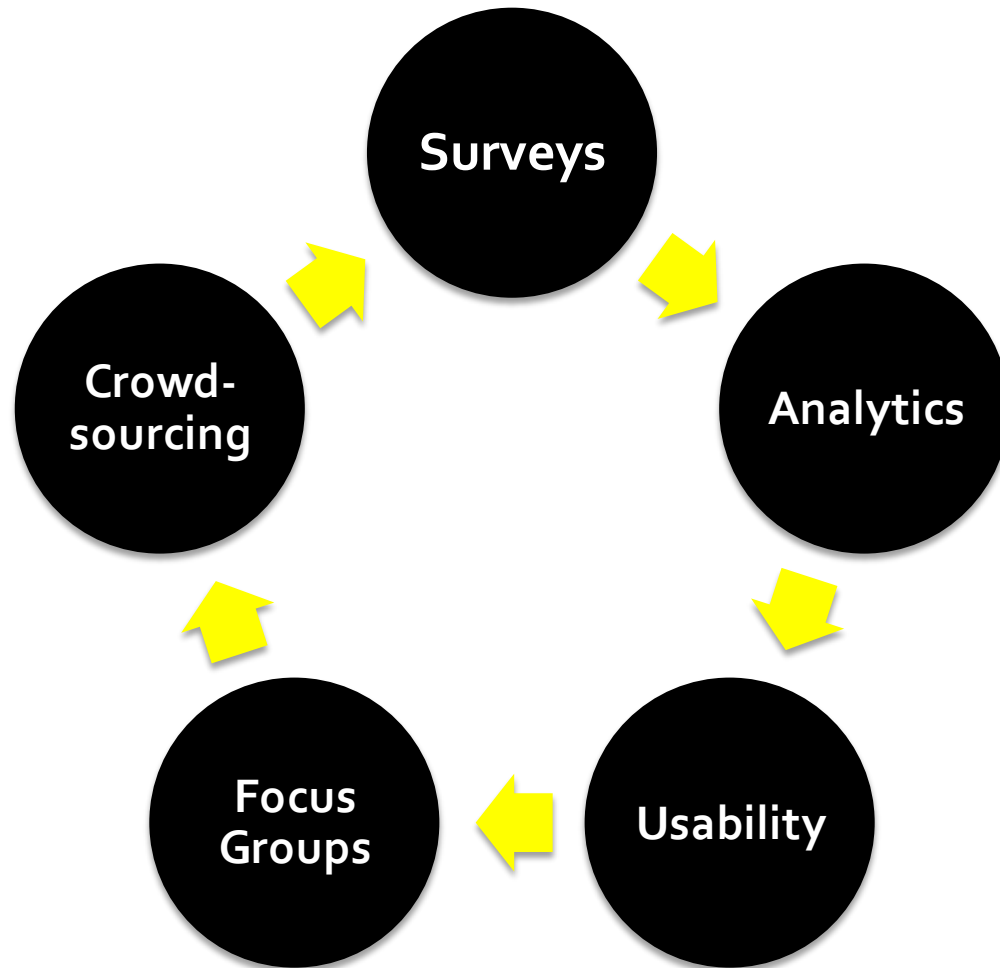| Student Profile	Recommendation
New student, not matriculated	Link to online orientation
GPA > 3.5	Link to honors program
GPA < 2.0	Link to tutoring program
Transfer student	Courses that fulfill GE pattern
Does not have MAP plan	Link to MAP
Low assessment scores	Recommend basic skills classes
First time student	Step-by-step instructions
Returning student	Recommend classes based on goals, success patterns and transcript details. Only display classes with an empty seat and that don't conflict with student's schedule

Focus on Student Success

Enough Talking…

Sherpa Demonstration

User Experience Engineering

UX

Feedback Loops

Surveys → Analytics → Usability → Focus Groups → Crowd-sourcing → Surveys

Throughout: Students on Design Team

Morae

Questions?

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