SmartSchedule:

*Increase Student Success with a Transformed Class Schedule*

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**Agenda**

- About Us
- Project Goals
- SmartSchedule Background
- Student Design Team
- Demonstration
- Next Steps
About Us

About the SOCCCD
- Two-college district in southern California
- Approximately 43,000 students/term (23,000 FTES)

Two Colleges, Three Campuses
- Saddleback College in Mission Viejo
- Irvine Valley College in Irvine
- Advanced Technology and Education Park (ATEP) in Tustin

SmartSchedule Goal
SmartSchedule Background

Class schedule was the first web application we built in 1995. IDML program ran on a VAX and generated a set of HTML files each night.
Upgraded to SmartSchedule 1.0 in July 2002
Shopping Cart added in Fall 2004

In Spring 2016 students created 30,791 shopping carts

SOCCCD Student Success Systems

MAP  Sherpa  Predictive Analytics

Student Success Dashboard  Progress Report (Early Alert)  SmartSchedule
Choice Architecture

- Index vs. Search
- Summary vs. Detail
- Generic vs. Customized
- Aggregation
- Terminology
- Sorting
- The Power of the Default
Why is this important?

It’s not just about what we built, but the way we built it.
What do the students need?

Student Design Team
Student Review of Class Schedules

- It was very difficult to register for courses.
- Course information included a detailed syllabus and enrollment preparation. There is a book list beside each course.
- In reality, exploring the different methods for finding courses, my favorite was probably the three trees. Students can select a term, then show the selected class, and other courses listed under that term.
- The class schedule is a combination of text and links, so a semester calendar is linked to the class schedule to help you find the class you are interested in.
- Once you click on the class in the schedule, there is a content page, you can click on which semester you are interested in, its final exams, dates/times, and enrollment status is very functional and easy to use.
- There was no problem finding classes.
- The class schedule system was smooth, and there was no problem finding classes.
- It is the least busy system I have ever seen. It is easy to use, and provides you with classes every three years.
- It’s easy to understand, and the system is very functional. It contains a combination of class, semester, and enrollment status. I don’t even need to choose a class for a sustainable search, and the semester selected returns every class for that semester.
- It is very fast. I use this in the last class schedule search I have seen so far. The search engine was fast.
- The search function is very helpful. It allows you to search for classes by title, keyword, or name. For instance, you can use all of these options to find the class, and the possibility of finding was very high.
- This system is very useful. It allows you to search in various ways. The only reason I gave it 9 out of 10 is because the class schedule's enrollment was somewhat difficult to find.

Design Work - Brainstorming
Detailed Design Work with Development Team

Design Process

1. Ideate
2. Prototype
3. Iterate
Persona Based Design

Olivia the Overachiever
Uri the Undecided
Abby the Adult Learner
Ed the Emeritus Student
Ivan the International Student
Harry the High School Student

Rough Sketches
Development Process

Focus Groups - Informal
Focus Groups - Formal

Tutorial Videos
SmartSchedule Phases

Phase 1 **Complete**
- UX upgrade
- College branding
- Mobile responsive
- Architectural Foundation for Phase 2

Phase 2 **Complete**
- Entirely new infrastructure
- User Interface Enhancements
- Allow colleges to easily change aggregation using index groups
- Improved shopping cart
- Global search with auto-suggest
- Faceted search results with immediate refresh

Phase 3 **Going Live April 2019**
- New Landing Page
- Schedule Builder with proactive recommendations from MAP

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SmartSchedule Demonstration

![SmartSchedule Interface](image-url)
Infrastructure

Guided Pathways Support with Section Groups
What’s Next?

Complete Phase 3 (April 2019)
Guided Pathways Support
Explore Options to Expand Use

Questions?

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