Introduction and background

Yale's Provost and VP for Finance and Business Operations charged Philip Long to create Yale's first IT Strategic Plan: “It is time to take a formal strategic view of the impact of information technology on Yale and the opportunities investment in IT may afford Yale as it drives its mission activities.”

Benefits of an IT Strategic Plan for Yale include:
- Providing core IT infrastructure in abundance
- Facilitating innovation
- Planning, managing and funding IT strategically and on a life-cycle basis

A Vision for IT at Yale (excerpt)

On his way to class, Professor Crawford muses about how his teaching has changed since he started using one of the new studio classrooms on campus. He now spends less time preparing lectures and the accompanying PowerPoint presentations, and instead thinks about the problems he wants his students to work on during class, the details he wants them to research, and the interactions he wants to foster among the students.

Each time he enters IC-100, he is struck by the remarkable transformation of this room. In its previous form, it was a very traditional classroom, with rows of fixed seats and a "stage for the sage". There is no "front" or "back", the stage and rows of seats are gone, replaced by round tables distributed throughout the space and a teaching station in the center of the room.

Professor Roger Wolfers disconnects from the video conference with his Princeton and UCLA colleagues. Using the latest behavioral economics computational tools and techniques, they are mashing up - combining and analyzing - a wide range of data sources including personal, governmental and market financial data, interpersonal interactions recorded in public spaces or published in social networking sites, internet searches, real estate transactions, tax records, and medical data. Before settling down to work, Professor Wolfers glances at myYale, his personal portal, and sees that his NSF grant's spending is on track, his postdoc's visa has been extended, and it's time to re-balance his retirement account.

The Plan (condensed contents)

Support for Academic Success
- Teaching and Learning
- Research
- Student-centric services
- Academic Administration

Support for the Yale Community
- Alumni Outreach & Support

Support for University Administration

Support for the Community Beyond Yale
- Local outreach
- National and international outreach

Foundational and Shared IT
- Foundational IT Infrastructure
- Explore Emerging IT Opportunities
- IT Planning & Management

Ten Mission-based Strategic Objectives supported by 27 specific Opportunities, with illustrative Example projects.

Eight Foundational IT Strategic Objectives, 26 specific Opportunities with Example projects.