

IPRO 338/339

Improving the IPRO Process

Team	Natalie Orrison Piotr Krzyzek Christopher Berenfeld Joseph Aquilla Nabil Attaya Dominic Garascia Abhinav Pamulapalthy Van Olmstead Rachel Wasserman
Faculty	John Dorr Daniel Ferguson Jay Fischer Tom Jacobius Robert Ladenson Ken Schugg Anne Towler Ellen Woods

Problems

338 Delayed Start Up

Most IPRO teams experience a significant delay in start up, spending about four weeks trying to figure out exactly what has previously been done, what problem they are trying to solve, and what the team must accomplish to solve the problem. This delay can be attributed to several reasons including high student turnover—85% of students in an IPRO are new each semester and there is a lack of delivering process knowledge between semesters.

339 IPRO Learning Objectives

How can the IPRO office insure that the four IPRO Learning Objectives, Communication, Teamwork, Project Management, and Ethics are being taught and that students are retaining that knowledge.

Solutions

Reflections

A new deliverable that focuses on capturing process knowledge. Five reflections, the first focusing on “The Problem” and the following four would focus on the IPRO learning objectives. Once every three weeks each individual student will be asked to fill out a five question reflection, the students would then meet as a team to discuss the questions and create a unified team reflection.

iGroups

A new communication and file sharing tool that will replace the IPRO’s reliance on Yahoo Groups which has a relatively small storage capacity and annoying ads. IGROUPS allows the team to communicate more effectively and efficiently through a team emailing function, creates a place to store files, and provides an interactive calendar.

iKNOW Audit

An audit of the iKNOW knowledge management system database was completed to ensure the quality of search data. Eliminating the small amount of “junk files” in the system will allow create a more efficient and powerful tool that better serves the students’ needs.

Training/Testing Materials

New training and testing materials have been created based on a previously developed Body of Knowledge to test whether or not students are actually learning the four IPRO Learning Objectives.

Intellectual Property Website

A new online resource for students covering intellectual property issues as related to the IPRO program.

Future

In questioning some of the IPRO program’s core deliverables and assumptions we have created and integrated a new powerful set of tools whose implementation in the Fall will hopefully create a richer experience for future IPRO teams.

I PRO 338/339

Solutions

Improving the I PRO Process

Team Natalie Orrison Piotr Krzyzek
Christopher Berenfeld Joseph Aquilla
Nabil Attaya Dominic Garascia
Abhinav Pamulapalthy Van Olmstead
Rachel Wasserman

Faculty John Dorr Daniel Ferguson Jay Fischer
Tom Jacobius Robert Ladenson
Ken Schugg Anne Towler Ellen Woods

Problems

338 **Delayed Start Up**

Most I PRO teams experience a significant delay in start up, spending about four weeks trying to figure out exactly what has previously been done, what problem they are trying to solve, and what the team must accomplish to solve the problem. This delay can be attributed to several reasons including high student turnover—85% of students in an I PRO are new each semester and there is a lack of delivering process knowledge between semesters.

339 **I PRO Learning Objectives**

How can the I PRO office insure that the four I PRO Learning Objectives, Communication, Teamwork, Project Management, and Ethics are being taught and that students are retaining that knowledge.

Future

In questioning some of the I PRO program's core deliverables and assumptions we have created and integrated a new powerful set of tools whose implementation in the Fall will hopefully create a richer experience for future I PRO teams.

Reflections

A new deliverable that focuses on capturing process knowledge. Five reflections, the first focusing on "The Problem" and the following four would focus on the I PRO learning objectives. Once every three weeks each individual student will be asked to fill out a five question reflection, the students would then meet as a team to discuss the questions and create a unified team reflection.

iGroups

A new communication and file sharing tool that will replace the I PRO's reliance on Yahoo Groups which has a relatively small storage capacity and annoying ads. IGROUPS allows the team to communicate more effectively and efficiently through a team emailing function, it creates a place to store files, and provides an interactive calendar.

iKNOW Audit

An audit of the iKNOW knowledge management system database was completed to ensure the quality of search data. Eliminating the small amount of "junk files" in the system will allow the creation of a more efficient and powerful tool that better serves the students' needs.

Training/Testing Materials

New training and testing materials have been created based on a previously developed Body of Knowledge to test whether or not students are actually learning the four I PRO Learning Objectives.

Intellectual Property Website

A new online resource for students covering intellectual property issues as related to the I PRO program.