Software Project

Introduction to Software Engineering

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Tao Xie, Professor
Computer Science @ Illinois
Learning Objectives

By the end of this video, you will be able to

• Explain the trinity of a software project.
• Enumerate both major and other stakeholders of a software project.
• Explain the three competing goals of a software project.
Trinity of Software Project

Software System

Software Users

Software Development Process

(Zhang et al., 2013)
Major Project Stakeholders

(Zhang et al., 2013)
Competing Project Goals

Ideal: **Good, Fast, Cheap**

(Zhang et al., 2013)
More Project Stakeholders

- Developer
- Program manager
- Management personnel
- Designer
- Tester
- Support engineer
- Operation engineer
- Usability engineer

(Zhang et al., 2013)
References

The End