

**Name:** Agile COCOMO II

**Presenter(s):** Gunjan Sharman

**Objective:** Facilitate accurate comparative cost estimation of software projects.

**Rationale:** Agile COCOMO II was developed to reduce complexity of cost estimation using COCOMO II while providing reliable accurate cost and effort estimates.

**Target Users:** Project Managers, Cost Estimators, Feasibility Analysts, and Marketing personnel.

**Scope:** Agile COCOMO II facilitates cost and effort estimation of software projects. It uses COCOMO II.2000 as the underlying estimation model, while simplifying the estimation process by using analogies between past projects and the new projects being estimated.

**Project Type:** Multi-year USC-CSE research project

**Developers:** Cyrus Fakharzadeh and Gunjan Sharman

**Runs On:** Internet Explorer 6.0 or later and Netscape 6.2 or later with Windows 95/98/2000/Me/NT/XP

**IPR Status:** Copyright USC Center for Software Engineering

**Technical Approach:** Client side browser script, estimation 'component' and reporting 'component'.

**Future Directions:** Include additional features

**Demo Description:** Cost estimation with a single cost driver analogy, cost estimation with multiple cost driver analogy, cost estimation with a single scale factor analogy, cost estimation with multiple scale factor analogy, cost estimation with a single cost driver and a single scale factor analogy, cost estimation with multiple cost driver and multiple scale factor analogy, and support for error handling.