Lightweight COCOMO II

- 85% of software estimates done by analogy
  - Ross Jeffrey, ASWEC 2000
- Analogies include cost, size, productivity
  - Generally assume no change in cost drivers
  - This can be risky
- Lightweight COCOMO II starts from analogy estimate
  - Adjusts only changed cost drivers
  - Simple Web-based interface
  - Developed by Cyrus Fakharzadeh, Milad Ershaghi, and Evike Chang
- Reference: “Safe and Simple Software Cost Analysis”
Initial Screen of Implementation: Step 1
Step 2: Define Cost Driver Adjustments

**Lightweight COCOMO II v0.8**

Lightweight COCOMO II is a web-based software cost estimation tool that enables you to adjust your analogy estimates just by identifying the factors that will be changing and by how much.

**Step 1 - Set the Baseline Value**

- **Project Name**: My Project
- **Analogy Parameters**: Total Cost in Dollars
- **Baseline Value for Analogy Parameter Selected**: $100,000

**Step 2 - Define the Cost Driver Adjustments**

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Step 3: Compute Next Project’s Cost

Step 2 - Define the Cost Driver Adjustments - [Personnel] [Programmer Capability]

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Step 3 - Compute Next Project Cost

Next Project Cost: 88000 Dollars

What would you like to do next? (Continue)
Online Help

Lightweight COCOMO

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