RAYTHEON'S HISTORICAL COST DATABASE

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DATA HIERARCHY

CONTRACT

SYSTEM₁

Subsystem₁ ... Subsystemₙ

Module₁ ... Moduleₙ

Unit₁ ... Unitₙ

SYSTEMₙ

Subsystem₁ ... Subsystemₙ

Module₁ ... Moduleₙ
SAMPLE DATA

Demo Contract

System: SYS1

Schedule Characteristics

Subsystem: SUB1

Modules

DSI Effort Cost Drivers

Subsystem: SUB2

Modules

DSI/EDSI Effort Cost Drivers Adapted Code
DATABASE TABLES

- CONTRACT DESCRIPTION TABLE - IDENTIFIES CONTRACTS
- SYSTEM CHARACTERISTICS TABLE - OVERVIEW OF SYSTEMS
- SYSTEM SUMMARY TABLE - CATEGORIES OF SYSTEM DATA
- COMPONENT TABLE - DSI/EDSI DATA
- ADAPTED COMPONENT TABLE - MODIFIED CODE INFORMATION
- COST DRIVERS TABLE - COST DRIVER VALUES
- EFFORT TABLE - ACTUAL AND ESTIMATED MAN MONTHS
- SCHEDULE TABLE - ACTUAL AND RECOMMENDED SCHEDULE AND STAFFING
Equipment Division
SOFTWARE SYSTEMS LABORATORY

PROTOTYPE APPLICATIONS

- DATA HIERARCHY ACCESS - TO ENTER/VIEW DATA VIA HIERARCHY
- SYSTEMS IN DATABASE - DISPLAYS SYSTEMS AND THEIR ASSOCIATED CONTRACTS
- PRODUCTIVITY SUMMARY - CALCULATES AND DISPLAYS ACTUAL AND ESTIMATED PRODUCTIVITY BY SUBSYSTEM
- COST DRIVERS - RETRIEVES COST DRIVER VALUES FOR SELECTED COMPONENTS
SELECT SYSTEMS BY CHARACTERISTICS

SELECT MODULES BY CHARACTERISTICS

CALCULATE PRODUCTIVITY BY SUBSYSTEM