

THE MANAGEMENT/ACCOUNTING SIMULATION Now 100% WEB-BASED DESIGN, SERVER SIDE PROGRAMMING, AND IMPLEMENTATION

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ABSTRACT

This session will demonstrate two simulations that are now 100% Web-based. The Management/Accounting Simulation: 4th edition which has been used for 40 years has now been made a web-based simulation. The Management Accounting Simulation: Principles Version is a new simulation developed in 2012 and is also 100% Web-based.

DESCRIPTION

This session will demonstrate the two simulations and also explain the steps necessary to create a Web-based simulation. There are two major design steps: (1) First, is the design/creation of business simulation which is basically independent of a Web and (2) the actual design and implementation of a Web site that be run the simulation. This design must have three parts: (a) Student section (b) Instructor section and (c) Administrator=section. Each section will be demonstrated.

Time Required:

- The Management Accounting Simulation 4th Edition requires from 5 to 10 hours per period of play. It is designed to be implemented early in a semester.

Minimum number of participants:

- The Management/ Accounting Simulation: 4th Edition
- This simulation can be used with a single player on a single team.
- The Management Accounting Simulation: Principles
- This simulation can be used on a team basis with a minimum of 2 teams.

Maximum number of participants

- The Management/ Accounting Simulation: 4th Edition
- The simulation can be currently used with a maximum of the 20 teams. However, the program can be easily modified to accommodate more students or teams
- The Management Accounting Simulation: Principles
- The Maximum number of teams (Firms) allowed per industry is 10. However, multiple
- Industries can easily be created.

Needed Configuration of the Room

- None

Are Laptops Needed by the Participants

- No

Learning Objectives of the Simulation

1. To increase the students understanding of the importance of management accounting as containing a set of tools useful in making decisions
2. To be an instructional tool that increases the student's ability to use management accounting tools and techniques and concepts.
3. Create an environment in which the student can see how management accounting plays a role in the three primary functions of marketing, production, and finance.

Student Manuals

- The Management/ Accounting Simulation: 4th Edition
- This simulation scenario consists of 96 pages (total pages, 250). The manual contains two sets of optional problems that maybe assigned: 24 cost analysis problems and 10 financial accounting problems.
- The Management Accounting Simulation: Principles
- This simulation scenario consists of 49 pages (Total pages, 104). The manual also contains an optional set of 10 financial accounting problems.