

# **MULTIUSER BUSINESS MANAGEMENT GAME**

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## INTRODUCTION

Managing a business means handling large amounts of money. If business managers were left to learn their job by hard then they would waste a lot of money in doing so. The best way to learn something is by trial and error and the way to try business management without wasting real money is by playing business games on computers. A business game on the computer is a simulation of a business model. In this simulation the most important elements of the business environment are included and their mechanics are simulated. Universities use business games in order to teach to their students fundamental management skills and concepts such as cooperation, conflict, bargaining, contracting, the value of information e.t.c.

The purpose of this project is to study the use of games in management and to develop a multi-user business game based on the cyprus economy horizons.

The objectives of the project will be the following:

- (1) To develop a multi-player game.
- (2) A General Administrator will be in control of the process.
- (3) The game will be composed of consecutive phases/stages.
- (4) It will include both conflict and cooperation concepts.
- (5) Provides investment options in different business areas.
- (6) It simulates the business environment.
- (7) Each players financial status and transactions are stored.
- (8) the winner can be declared through the determination of different financial ratios.

The theory on which all games can be explained and interpreted to numbers and mathematics is called 'Game Theory'. All business games on computers are also based on game theory. For this reason 'Games Theory' will be investigated in order to understand how different business situations can be represented on the computer in a form that will allow us to simulate the business environment.

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