

KINGDOM OF BAHRAIN



# Utilization of Computer Applications in High School Management in Respect to the View of Principals and Vice Principals at Al-Khobar Province

Master Degree Research

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## Summary of Study

### Objectives:

Current research aims to recognize utilizing computer applications in schools management by both principals and vice principals at high schools (boys) at al-Khobar province through the following aspects:

- The range of utilization of computer applications by principal and vice principals.
- Computer applications contribution in performing school management tasks.
- Principals and vice principals distribution in developing computer application.
- The main flaws of current computer applications used by school management.
- The role of dedicated departments in ministry of education in developing principals and vice principals computer skills.
- The effect of the variables (position, experience and education) on study group response to research aspects.

### Methodology:

The Analytical Descriptive method has been used by researcher through a questionnaire implementing five study aspects. Questionnaire included 52 items distributed through their relation to the five main aspects. The study group consists of: 33 out of 35 principals in total with a percentage of 94.28% and 63 out of 85 vice principals with a percentage of 74.11%.

### Analyzing Process:

The study implemented frequency, percentage, averages and T-test to identify the statistical difference, if any, between demographical study variables. In addition, Alpha coefficient (Alpha Chorombach) is used measure study reliability.

## **Study Results:**

The study has reached the following:

- A real implementation of computer applications is obvious in school management by both principals and vice principals.
- A real contribution is apparent for computer application in current school management.
- A real need for developing current computer application used by school management is needed in order to suit current school management requirements.
- Deficiency in the role of assigned and related departments, in ministry of education, in improving skills of both principals and vice principals in computer applications used in school management.
- A statistical difference is obvious in the response of two out of three study variables (position and experience) is evident.

## **Study Recommendations:**

In accordance with the study result, researcher was able to suggest several recommendations. The first of all is an urgent need to develop and improve computer application used for school management through a number of processes.

In addition, the researcher concluded that an implementation of a real role in the related departments, in education ministry, is required to improve skills of both principals and vice principals and to allow them to be involved in applications development process.