THE TOTAL QUALITY MANAGEMENT PRACTICES IN YEMENI PUBLIC UNIVERSITIES

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A thesis submitted in fulfillment of the requirement for the award of the Degree of Master of Science in Technology Management

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JULY 2012
DEDICATION

I dedicate this thesis to my beloved father, my beloved mother, and my beloved grandfathers who have always supported me in all stages of life, and my success in life, is always their dream.

I would like to dedicate this thesis to my beloved wife for her patience all through my studies, and for her support all through life for achieving my goals. Her help and her belief in me always had been my motivation. I also would like to dedicate this thesis to my brothers, Abdulmalik, Saif, Mohammed, and Saleh, my sisters, my uncles, and all my family members for the support, encouragement and patience.
ACKNOWLEDGEMENT

I would, First of all, I have to readily acknowledge and thank to Allah, The Omnipotent and Omniscient who created everything and in giving me the ability to start and complete this Thesis. I wish to express my sincere appreciation to my thesis supervisor, Associate Professor Dr. Abdul Talib Bin Bon for his precious guidance, encouragement, constructive criticisms, advice, knowledge and motivation. Without his continual support and interest, this thesis would not have been the same as presented here.

I am also thankful to all my family members too especially my grandfather, My father, My mother, my wife, My brothers, and My sisters. My fellow should be recognized for their support, particularly Mr. Ameen Mahdi, Mr. Aayed Qasem, My friends Sam, Faisal, Saleh, Hameed, Hamza, and Mr. Esam. M. Ahmed. I am also indebted to Universiti Tun Hussein Onn Malaysia (UTHM) for their assistance in supplying the relevant literatures.

I am would like thankful to Association of Arab Universities - Jordan, Prof Dr. Numan Almusawi, University of Bahrain, and The Educational Journal - Published by Academic Publication Council - Kuwait University.

Furthermore, Yemeni academic staff who cooperated in answering the questions truthfully and assisted me in finding the outcomes of this research.
ABSTRACT

There is a mutual relationship between the prosperity of a nation and the quality of education it provides to its people. Quality education improves standard of living of people by enhancing the performance of engines of economic development. This study focuses on the practice and application of Total Quality Management (TQM) in Yemeni universities. A questionnaire was developed after a careful and thorough review of the related literature and consultations with experts. The questionnaire was administered to universities academy staff. The study was performed based on a survey method for collecting data. A total of 262 questionnaires usable surveys were received. Correlation Pearson, t-test, One-way ANOVA were applied to analysis the gathered data from the questionnaire. The data were analyzed using computer-mediated (Statistical Package for Social Sciences) (SPSS). According to the analysis of TQM made in Yemen universities using statistical methods; Cronbach Alpha was high enough to a value of 0.96. Unfortunately, the Yemeni public universities have low turnout of TQM practice.
ABSTRAK

# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE</td>
<td></td>
<td>i</td>
</tr>
<tr>
<td>DECLARATION</td>
<td></td>
<td>ii</td>
</tr>
<tr>
<td>DEDICATION</td>
<td></td>
<td>iii</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENTS</td>
<td></td>
<td>iv</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td></td>
<td>v</td>
</tr>
<tr>
<td>ABSTRAKT</td>
<td></td>
<td>vi</td>
</tr>
<tr>
<td>TABLE OF CONTENTS</td>
<td></td>
<td>vii</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td></td>
<td>xii</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td></td>
<td>xiii</td>
</tr>
<tr>
<td>CHAPTER 1</td>
<td>INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>1.1</td>
<td>Introduction</td>
<td>1</td>
</tr>
<tr>
<td>1.2</td>
<td>Problem Statement</td>
<td>5</td>
</tr>
<tr>
<td>1.3</td>
<td>Research Questions of the Study</td>
<td>5</td>
</tr>
<tr>
<td>1.4</td>
<td>Objectives of the Study</td>
<td>6</td>
</tr>
<tr>
<td>1.5</td>
<td>Hypotheses of the study</td>
<td>6</td>
</tr>
</tbody>
</table>
1.6 Importance of Project 7
1.7 Study Scope 8
1.8 Definitions of Key Terms 8

**CHAPTER 2 LITERATURE REVIEW**

2.1 Introduction 10
2.2 Total Quality Management 11
   2.2.1 Concepts of Total Quality Management 11
   2.2.2 Definition of Total Quality Management 13
   2.2.3 Definition of Quality 15
   2.2.4 The Emergence of the Concept of TQM 16
   2.2.5 The Stages of Total Quality Management 18
   2.2.6 The principles of Total Quality Management 19
   2.2.7 Total Quality Management Tools 22
   2.2.8 Models of Total Quality Management 25
      2.2.8.1 Deming's Model 25
      2.2.8.2 Juran’s Model 27
      2.2.8.3 Crosby’s Model 28
      2.2.8.4 Victory-C’s Model 31
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2.8.5</td>
<td>Baldridge’s Model</td>
<td>31</td>
</tr>
<tr>
<td>2.2.8.6</td>
<td>Wheel Model</td>
<td>33</td>
</tr>
<tr>
<td>2.2.8.7</td>
<td>Ishikawa’s Model</td>
<td>35</td>
</tr>
<tr>
<td>2.2.8.8</td>
<td>Feigenbaum’s Model</td>
<td>36</td>
</tr>
<tr>
<td>2.2.9</td>
<td>International Organization for Standardization (ISO)</td>
<td>37</td>
</tr>
<tr>
<td>2.2.10</td>
<td>The Relationship between ISO 9000 and TQM</td>
<td>38</td>
</tr>
<tr>
<td>2.2.11</td>
<td>The Concept of TQM in Universities</td>
<td>39</td>
</tr>
<tr>
<td>2.2.12</td>
<td>The principles of TQM in higher education</td>
<td>42</td>
</tr>
<tr>
<td>2.2.13</td>
<td>Axes of TQM in higher education institutions</td>
<td>45</td>
</tr>
<tr>
<td>2.2.14</td>
<td>Models of TQM in universities</td>
<td>46</td>
</tr>
<tr>
<td>2.2.14.1</td>
<td>Ashok &amp; Motwani’s Model</td>
<td>46</td>
</tr>
<tr>
<td>2.2.14.2</td>
<td>The European’s model (EFQM)</td>
<td>47</td>
</tr>
<tr>
<td>2.2.15</td>
<td>Evaluation of models of TQM</td>
<td>49</td>
</tr>
<tr>
<td>2.2.16</td>
<td>Applications of TQM in universities</td>
<td>50</td>
</tr>
<tr>
<td>2.2.16.1</td>
<td>The University of Maryland</td>
<td>50</td>
</tr>
<tr>
<td>2.2.16.2</td>
<td>The University of Southern Colorado</td>
<td>52</td>
</tr>
<tr>
<td>2.2.16.3</td>
<td>Oregon State University</td>
<td>53</td>
</tr>
<tr>
<td>2.2.16.4</td>
<td>The University of</td>
<td>54</td>
</tr>
</tbody>
</table>
Pennsylvania

2.2.17 Series of ISO standards in higher education
   2.2.17.1 Requirements of ISO 9001 universities

2.3 Higher Education in Yemen
   2.3.1 Introduction
   2.3.2 Important higher education
   2.3.3 Types and forms of higher education
   2.3.4 Higher education in Yemen
   2.3.5 Objective higher education in Yemen
   2.3.6 Organizational structure of the Ministry of Higher Education Yemen
   2.3.7 The Yemeni universities
   2.3.8 Definition of the university
   2.3.9 The functions of contemporary universities
   2.3.10 University Systems of traditional and contemporary
   2.3.11 Administrative organization of the Yemeni universities
   2.3.12 Organizational structure of the Yemeni universities
2.3.13 Problems facing the Yemeni universities 68

2.4.1 previous studies 70

2.4.2 Summary of previous studies 82

CHAPTER 3 METHODOLOGY 84

3.1 Introduction 84

3.2 Research Model study 86

3.3 The study population 87

3.4 The study sample 87

3.5 Research Instrument 90

3.6 Statistical treatments 92

CHAPTER 4 FINDING 93

4.1 Introduction 93

4.2 Description of the sample 94

4.3 Demographic information 94

4.4 Reliability of the Variables 98

4.5 OBJECTIVE 1 100

4.6 OBJECTIVE 2 101

4.7 Summary Of findings 116

CHAPTER 5 DISCUSSION AND CONCLUSION 118
### Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1 Introduction</td>
<td>118</td>
</tr>
<tr>
<td>5.2 Discussion of findings</td>
<td>116</td>
</tr>
<tr>
<td>5.3 Discussion of hypotheses</td>
<td>119</td>
</tr>
<tr>
<td>5.4 Recommendations</td>
<td>123</td>
</tr>
<tr>
<td>5.5 Suggestions for further research</td>
<td>124</td>
</tr>
<tr>
<td>REFERENCES</td>
<td>125</td>
</tr>
<tr>
<td>APPENDIX</td>
<td>134</td>
</tr>
</tbody>
</table>
# LIST OF FIGURES

<table>
<thead>
<tr>
<th>FIGURE NO</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Elements of TQM</td>
<td>12</td>
</tr>
<tr>
<td>2.2</td>
<td>Deming cycle and its relationship to continuous improvement</td>
<td>25</td>
</tr>
<tr>
<td>2.3</td>
<td>Juran’s Trilogy</td>
<td>28</td>
</tr>
<tr>
<td>2.4</td>
<td>Crosby’s Model</td>
<td>30</td>
</tr>
<tr>
<td>2.5</td>
<td>Clarifications of the vision and future scenarios for TQM</td>
<td>31</td>
</tr>
<tr>
<td>2.6</td>
<td>Baldridge’s Model</td>
<td>33</td>
</tr>
<tr>
<td>2.7</td>
<td>Wheel Model</td>
<td>34</td>
</tr>
<tr>
<td>2.8</td>
<td>Ishikawa’s Model</td>
<td>36</td>
</tr>
<tr>
<td>2.9</td>
<td>The relationship between ISO 9000 and TQM</td>
<td>38</td>
</tr>
<tr>
<td>2.10</td>
<td>Components of the university educational</td>
<td>40</td>
</tr>
<tr>
<td>2.11</td>
<td>The principles of total quality in higher education</td>
<td>42</td>
</tr>
<tr>
<td>2.12</td>
<td>Ashok &amp; Motwani’s Model</td>
<td>47</td>
</tr>
<tr>
<td>2.13</td>
<td>The European’s model</td>
<td>48</td>
</tr>
<tr>
<td>2.14</td>
<td>Organizational structure of the Ministry of Higher Education</td>
<td>63</td>
</tr>
<tr>
<td>2.15</td>
<td>Organizational structures of the Yemeni universities</td>
<td>68</td>
</tr>
<tr>
<td>3.1</td>
<td>Research flowchart</td>
<td>85</td>
</tr>
<tr>
<td>-----</td>
<td>-------------------</td>
<td>----</td>
</tr>
<tr>
<td>3.2</td>
<td>Research Model study</td>
<td>86</td>
</tr>
</tbody>
</table>
# LIST OF TABLES

<table>
<thead>
<tr>
<th>TABLE NO</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Elements of TQM</td>
<td>13</td>
</tr>
<tr>
<td>2.2</td>
<td>The historical development of the concept of a quality in Industrialized countries</td>
<td>16</td>
</tr>
<tr>
<td>2.3</td>
<td>Showing the State Universities, the Number of Faculties and Departments (2007)</td>
<td>64</td>
</tr>
<tr>
<td>3.1</td>
<td>Distribution of study sample based on gender</td>
<td>88</td>
</tr>
<tr>
<td>3.2</td>
<td>Distribution of study sample based on age</td>
<td>88</td>
</tr>
<tr>
<td>3.3</td>
<td>Distribution of study sample based on college</td>
<td>88</td>
</tr>
<tr>
<td>3.4</td>
<td>Distribution of study sample based on Qualifications</td>
<td>88</td>
</tr>
<tr>
<td>3.5</td>
<td>Distribution of study sample based on experience</td>
<td>89</td>
</tr>
<tr>
<td>3.6</td>
<td>Distribution of study sample based on academic degree</td>
<td>89</td>
</tr>
<tr>
<td>3.7</td>
<td>Distribution of study sample based on job</td>
<td>89</td>
</tr>
<tr>
<td></td>
<td>Position.</td>
<td></td>
</tr>
<tr>
<td>3.8</td>
<td>Distribution of study sample based on universities</td>
<td>90</td>
</tr>
<tr>
<td>4.1</td>
<td>Summary of Questioner which distributed</td>
<td>94</td>
</tr>
<tr>
<td>4.2</td>
<td>Gender</td>
<td>94</td>
</tr>
<tr>
<td>4.3</td>
<td>Age</td>
<td>95</td>
</tr>
</tbody>
</table>
4.4 College 95
4.5 Qualifications 96
4.6 Experience 96
4.7 Academic degree 97
4.8 Job Position. 97
4.9 Universities 98
4.10 Reliability 99
4.11 Pearson correlation coefficients 100
4.12 Mean score of faculty members of the study sample 101
4.13 t-test results according to the gender variable. 102
4.14 Mean scores results according to the Age variable 103
4.15 One Way ANOVA results according to the age variable 104
4.16 t-test results according to the variable of college 105
4.17 t-test results according to the Qualifications variable 106
4.18 Mean scores results according to the experience variable 107
4.19 One Way ANOVA results according to the experience variable 108
4.20 Mean scores results according to the academic degree variable 109
4.21 One Way ANOVA results according to the academic degree variable 110
4.22 Mean scores results according to the job Position 111
variable

4.23 One Way ANOVA results according to the job Position variable

4.24 Mean scores results according to the universities variable

4.25 One Way ANOVA results according to the universities variable

4.26 Summary of the findings
# LIST OF APPENDICES

<table>
<thead>
<tr>
<th>APPENDIX</th>
<th>TITEL</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>TQM –Questionnaire</td>
<td>134</td>
</tr>
<tr>
<td>B</td>
<td>Areas of total quality management in universities</td>
<td>145</td>
</tr>
<tr>
<td>D</td>
<td>Table Shows the No. of Teaching Staff at the Public Universities</td>
<td>147</td>
</tr>
<tr>
<td></td>
<td>According to Degree, Nationality and Sex for 2007/2008</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>Analysis SPSS</td>
<td>146</td>
</tr>
<tr>
<td>F</td>
<td>Publish Journals</td>
<td>178</td>
</tr>
<tr>
<td>G</td>
<td>VITA</td>
<td>193</td>
</tr>
</tbody>
</table>
CHAPTER 1

INTRODUCTION

1.1 Introduction

Arab societies are currently experiencing many changes in various areas of life that requires corporate and private organizations to change their traditional administration and management styles. Thus, it is required that each organization adopt modern management concepts if they desire to achieve their objectives more readily. These changes will increase their competitive edge in the global inter-institutional productivity and rapid technological development in the world in various areas, particularly in communications, computer and laser technologies. Further, this could strengthen economic relationship and interdependencies among neighboring states which could be a factor responsible for the positive advancement of the previously non-industrially developed nations like Malaysia, Taiwan, Philippine, and Indonesia to a developed one.

Some possible application of such development could result into merger or complete acquisition of one company by another, bearing in mind the respective social changes within and without the organizations, the social changes that have occurred in the values, principles and lifestyles of individuals. This requires the development and promotion of scientific research, building of qualified human capital in various areas of social sciences and community leadership.
However, this could only be achieved with scientific and educational functioning institution according to the requirements and needs of the community in which they operate.

Clearly, education is a set of operations being conducted for the training and development of knowledge, skills and thinking of the individual through the various educational institutions to the individual duties to themselves and to the community in which they live (Al-Khafari, 1995).

It is not any education, because education creates the required individual and society to the reality and dynamics of the technological revolution and the rapid change era. These vast amounts of knowledge are needed for the organization rapidly and continuously, due to the flow of information and identify the ways to use them, in order to progress towards development (Jolie, 2002).

At this moment, universities are the symbol of renaissance of the people and nation, and address of the greatness in culture and advancement. This axis has an essential place of cultural life in the comprehensive sense, and the dimensions of intellectual, literary, scientific and technological development.

Higher education institutions and management are no longer hardware and accountable institutions and fiduciaries for cultural heritage to be transferred to younger generations. It also have become a player in the development of knowledge and the development of the community and development and assist in meeting the challenges in political and economic difficulties together with social and cultural rights. This is imposed on higher education institutions working to change its ways of administrative and educational facilities, if they are to achieve their objectives efficiently and effectively (Al-Mallah, 2005).

Improving the performance of higher education institutions is a global concern in all countries in the world. Among the most important characteristics that distinguish a community from other communities, is its ability to manage institutions and vital programs, not only effectively and efficiently, but fairly innovative. Linked to the size and quality of services in the founder in higher education system-managed, those make the university a letter Compass movement through the guidelines and university ethics. Any success of its founder, is a success in its management, hence the importance of management's commitment to higher education institutions to improve the overall philosophy constantly in order of arrival
to TQM in universities, which need the participation of all to ensure survival and continuity of Universities (Al-Khatib, 2000).

It supports the field of quality in higher education institutions on an integrated system of educational information and education within each university. On the other hand, an Interdisciplinary Study to identify the best methods to apply the principles of total quality after a diagnosis of the status and knowledge shortcomings and work to address them to gain access to better, brighter future for generations to come. Thus, Total Quality Management performance evaluation is the most important entrances to the university entrance Total Quality Management.

A set of standards and procedures designed and implemented by the introduction of continuous improvement (TQM) in the product, taking into consideration that these actions are not limited to an individual without the other in the institution, not a job without the other, but all the elements of physical and human resources in the enterprise Educational (Jeryes, 2004).

In modern management philosophy, based on a number of (TQM) definition, is a comprehensive quality management concept of modern management-oriented, which is based on the combination of management tools, the efforts innovation, and specialized technical skills in order to improve the level of performance and improvement and ongoing development (Al-Khatib, 2000).

The beginning of many of the administrative institutions in the application of this concept to improve the quality of its services, assistance in the face of difficult challenges, and gaining the satisfaction of society, has made the administrative institutions great success following the implementation of this concept especially in some countries, such as Japan, United States, France and Britain. The concept of Total Quality Management has impacted the administrative role by the achievements of this new type of tangible successes in the department and the description of this concept as the revolutionary wave after the third industrial revolution, the revolution of computers (Al-Saoud, 2002).

The success of management based on industry has provoked the question about the applicability of quality in education and Edward Deming has pointed to the need leading to TQM. The introduction of TQM in education, viewed as a system for quality processes in education, and continuous improvement in the educational process - learning (Al-Musawi, 2003).
The attention to quality management in education does not mean that he plans to make the education institutions, especially universities, businesses, or industrial plan to double the profits to improve their products, but, what should be benefited from the entrance of the Total Quality Management in education. In purpose to develop the methods, one need to achieve educational quality of the product, and in order to double the benefit the beneficiary, first of all is the educational efforts, then the community of all its institutions, and groups, and individuals in the filed of education. This will spark competition among universities in order to achieve the best results (Alawnah, 2004).

The Quality is a relative phenomenon related to and rooted in educational institutions, and differs from one institution to another in many ways. Whether the institution uses the principles of Total Quality Management or other trends, it is imperative that there is a link between the principles of Total Quality Management on one hand, and organizational culture of your organization on the other. Not coming to this workshop to take root successfully, but Total Quality Management of the leader in the organization is important for the Total Quality Management to be successful. Within the campus, the university presidents have to cling to the possibility of its application, and not idiomatic meaning, but they should also, work on the preparation of the implementation of TQM management brilliant setting to take place in the appropriate academic environment (Badah, 2003).

The researcher felt that the interest in the study of Total Quality Management (TQM) by previous researchers focused only on the organization of commodity production, while service organizations, especially educational institutions such as university, has not received adequate attention. From here, it could be conceived, that this study to induce the importance of conducting studies on the subject in higher education institutions generally in the Arab peninsula, and Yemeni universities in particular.
Problem Statement

The achievement of Total Quality Management in institutions of higher education meant the organization's ability to provide a high level of service quality excellence, and through which it can meet the needs of students, faculty members, parents, employers, and society and others, and in a form which is consistent with their expectations and requirements of the times and the environment of scientific and technological resources, including achieving satisfaction and happiness to them. This is done through pre-established standards to assess the output, and check the status of excellence (Al-Saoud, 2002).

Seeking higher education institutions in Yemen for the development of inputs and operations requires continuous work to improve the performance of its functions and to link them to their societies, in order to obtain the best output, in a shorter time, and less cost.

Since the entrance of Total Quality Management an important step and the entrance are essential in the development of performance in Yemeni universities and brings them to the desired level, especially in light of the continuous fast paced and interactive world in which we live these days. This has resulted in challenges, which calls for a greater willingness to face the fears, apprehensions, competitiveness, and international conflicts.

The problem for the study mentioned in the following:
What is the reality of the practice and application of total quality management in the Yemeni universities as perceived by faculty members?

1.2 Questions of the Study

To address the listed below objectives and provide solutions to the research problem, two research questions were identified and formulated as follows:
RQ1: What is the practice and application of total quality management in the Yemeni universities as perceived by faculty members?

RQ2: What is the impact of demographic variables (gender, age, college, experience, academic degree, job position, qualifications and university where he/she worked) on the responses of faculty members to total quality management?

1.4 Objectives of the Study

This research has the following objectives:

O1: The aim of this study is to qualify and quantify the extent of total quality management practices in Yemeni public universities.

O2: To identify the impact of demographic variables (gender, age, college, experience, academic degree, job position, qualifications and university where he/she worked) on the responses of faculty members to total quality management?

1.5 Hypotheses of the Study

Through the questions of the study the following null hypotheses have proposed:

H1: There is no significant differences at the level of significance (α = 0.05) for the respondents about their perceived of the principle of the total quality management in Yemeni universities according to the variable of gender.

H2: There is no significant differences at the level of significance (α = 0.05) for the respondents about their perceived of the principle of the total quality management in Yemeni universities according to the variable of age.

H3: There is no significant differences at the level of significance (α = 0.05) for the respondents about their perceived of the principle of the total quality management in Yemeni universities according to the variable of college.
H₄: There is no significant differences at the level of significance (α = 0.05) for the respondents about their perceived of the principle of the total quality management in Yemeni universities according to the variable of qualification.

H₅: There is no significant differences at the level of significance (α = 0.05) for the respondents about their perceived of the principle of the total quality management in Yemeni universities according to the variable of experience.

H₆: There is no significant differences at the level of significance (α = 0.05) for the respondents about their perceived of the principle of the total quality management in Yemeni universities according to the variable academic degree.

H₇: There is no significant differences at the level of significance (α = 0.05) for the respondents about their perceived of the principle of the total quality management in Yemeni universities according to the variable of job Position.

H₈: There is no significant differences at the level of significance (α = 0.05) for the respondents about their perceived of the principle of the total quality management in Yemeni universities according to the variable of the university.

1.6 Importance of the study

The important of this study derived from the importance of the implementation of the principles of total quality management. Total Quality management considered as one of the most important tools in measuring the effectiveness of the universities work. Through using of a total quality management, the university can produce a product - student- that performs according to its stated promises. Using of total quality management to improve the quality of the outputs of the universities and to improve the quality of the output and to design a new programs and requirements that feeding the marketplace with suitable workforce. Furthermore, the implementation of the total quality management principles provides a methodology to create the type of product- i.e., Student- that the workplace needed. Therefore, this study aims to measure to what extent Yemenis' universities have applied the total quality management principles, and how this implementation will affect the output of these
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