DEVELOPMENT OF SITUATIONAL JUDGMENT TEST (SJT) INSTRUMENT TO MEASURE THE EMPLOYABILITY SKILLS OF GRADUATES

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Abstrak

Globalisasi membuatkan pengangkutan graduan untuk sesebuah organisasi menjadi lebih rumit. Majikan percaya bahawa tenaga kerja yang berdaya saing adalah kunci kepada kejayaan sesebuah organisasi. Dalam situasi semasa, walaupun graduan dikatakan mempunyai kemahiran khusus yang baik, mereka masih mempunyai masalah dengan kemahiran kebolehpasaran, dan hal ini menjejaskan kualiti kerja mereka. Tahap kemahiran kebolehpasaran yang baik adalah penting bagi memastikan bahawa graduan bersedia sebelum memasuki dunia pekerjaan. Oleh yang demikian, tahap kemahiran kebolehpasaran mereka perlu dinilai terlebih dahulu. Di dalam kajian ini, instrumen kemahiran kebolehpasaran untuk graduan Universiti Utara Malaysia merentasi bidang pengajian telah dibangunkan menggunakan kaedah penilaian ujian pertimbangan situasi (SJT). Dua belas (12) item telah dibangunkan bagi mengukur kemahiran komunikasi, etika dan moral profesional, kemahiran keusahawanan, pemikiran kritikal dalam penyelesaian masalah dan kualiti kendiri. Kesahihan instrumen telah dicapai melalui pendapat pakar dan kebolehpercayaan (dari segi kestabilan) adalah berdasarkan ujian Chi-Square untuk kehomogenan dan ujian Mann-Whitney U. Seterusnya instrumen yang telah disahkan tersebut digunakan untuk mendapatkan skor norma bagi setiap kemahiran yang diuji menggunakan kaedah Bias-Corrected and Accelerated (BCA) bootstrap. Skor norma tersebut menunjukkan bahawa responden-responen memiliki tahap etika dan moral profesional yang tinggi; dan tahap yang sederhana bagi kemahiran-kemahiran yang lain. Berdasarkan kepada daptatan kajian, instrumen yang dihasilkan boleh digunakan oleh graduan, universiti, majikan, agensi-agensi kerajaan dan agensi-agensi pembangunan kerjaya apabila menilai tahap kemahiran kebolehpasaran.

Kata kunci: Kemahiran kebolehpasaran, Ujian pertimbangan situasi, Bias-corrected and accelerated (BCA) bootstrap
Abstract

Globalization makes graduate recruitment for an organization more complex. Employers believe that a competitive workforce is the key to success of an organization. Currently, although graduates are said to have good specific skills, they still have problems with employability skills, and these problems affect the quality of their work. A good level of employability skills is essential in order to ensure that graduates are ready before entering the work market. Therefore, their level of employability skills should be evaluated. In this study, an instrument of employability skills for Universiti Utara Malaysia graduates across various fields was developed by using the assessment approach of situational judgment test (SJT). Twelve (12) items were developed measuring communication skill, professional ethics and morality, entrepreneurial skill, critical thinking in problem solving and personal quality. Instrument's validity was achieved through expert opinion and the reliability (in terms of stability) was based on the Chi-Square for homogeneity test and Mann-Whitney U test. Next, the validated instrument was used to obtain norm scores for each tested skill using the Bias-Corrected and Accelerated (BCA) bootstrap. The norm scores indicated that the respondents possessed a high level of professional ethics and morality; and a moderate level for other tested skills. Based on the findings, the instrument produced can be used by graduates, university, employers, government agencies and career development agencies when evaluating the level of employability skills.

Keyword: Employability skills, Situational judgment test, Bias-corrected and accelerated (BCA) bootstrap
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# Table of Contents

Permission to Use ........................................................................................................... ii
Abstrak ........................................................................................................................... iii
Abstract ........................................................................................................................... iv
Acknowledgement ........................................................................................................... v
Table of Contents ........................................................................................................... vi
List of Tables ................................................................................................................... ix
List of Figures ................................................................................................................ x
List of Appendices ......................................................................................................... xi
List of Abbreviations ..................................................................................................... xii

**CHAPTER ONE INTRODUCTION** ................................................................................. 1
1.1 Research Background ............................................................................................... 1
1.2 Employability Skills Instruments at Present ........................................................ 5
1.3 Problem Statement ................................................................................................. 8
1.4 Research Objectives ............................................................................................... 12
1.5 Significance of the Study ..................................................................................... 13
1.6 Research Outline ................................................................................................... 14

**CHAPTER TWO EMPLOYABILITY SKILLS INSTRUMENT AND MEASUREMENT** ......................... 16
2.1 Introduction ............................................................................................................ 16
2.2 Existing Employability Skills Instruments ............................................................ 17
   2.2.1 Target Population .......................................................................................... 21
   2.2.2 Employability Skills ................................................................................... 21
   2.2.3 Measurement Methods .............................................................................. 22
2.3 Employability Skills of Graduates ....................................................................... 25
   2.3.1 Communication Skill ............................................................................... 33
   2.3.2 Personal Quality ....................................................................................... 37
   2.3.3 Critical Thinking in Problem Solving ......................................................... 40
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1.4 Development of Items Using Situational Judgment Test (SJT)</td>
<td>73</td>
</tr>
<tr>
<td>4.1.4.1 Development of Scoring Scheme</td>
<td>90</td>
</tr>
<tr>
<td>4.1.5 Preparation of Draft Instruments and Pilot Study</td>
<td>95</td>
</tr>
<tr>
<td>4.1.5.1 Reliability Test of the Draft Instrument</td>
<td>97</td>
</tr>
<tr>
<td>4.3 Instrument Administration</td>
<td>98</td>
</tr>
<tr>
<td>4.3.1 Sampling Method</td>
<td>98</td>
</tr>
<tr>
<td>4.3.2 Obtaining Generic Instrument</td>
<td>100</td>
</tr>
<tr>
<td>4.3.3 Norm Score Distribution</td>
<td>101</td>
</tr>
<tr>
<td>4.3.3.1 BCA Bootstrap Method</td>
<td>103</td>
</tr>
<tr>
<td>4.4 Summary</td>
<td>107</td>
</tr>
<tr>
<td><strong>CHAPTER FIVE RESULTS AND DISCUSSIONS</strong></td>
<td>108</td>
</tr>
<tr>
<td>5.1 Instrument Validation</td>
<td>108</td>
</tr>
<tr>
<td>5.1.1 Validity of the instrument</td>
<td>108</td>
</tr>
<tr>
<td>5.1.2 Reliability of the Instrument</td>
<td>117</td>
</tr>
<tr>
<td>5.2 Items' Practicability Across Different Fields of Study</td>
<td>127</td>
</tr>
<tr>
<td>5.3 Norm Score Development</td>
<td>129</td>
</tr>
<tr>
<td>5.6 Summary</td>
<td>131</td>
</tr>
<tr>
<td><strong>CHAPTER SIX CONCLUSION AND RECOMMENDATIONS</strong></td>
<td>133</td>
</tr>
<tr>
<td>6.1 Research Implication</td>
<td>134</td>
</tr>
<tr>
<td>6.2 Limitation</td>
<td>135</td>
</tr>
<tr>
<td>6.3 Suggestions for Future Research</td>
<td>136</td>
</tr>
<tr>
<td><strong>REFERENCES</strong></td>
<td>137</td>
</tr>
<tr>
<td><strong>BIBLIOGRAPHIES</strong></td>
<td>144</td>
</tr>
</tbody>
</table>
List of Tables

Table 2.1 List of Employability Skills Used By Previous Studies ........................................... 29
Table 2.2 The Ranks of Employability Skills Based on Previous Studies ............................. 31
Table 2.3 Ranks of Employability Skills By Considering Its Subset .................................... 32
Table 3.1 SJT’s Scoring Scheme by Motowidlo et al. (1990) .................................................. 62
Table 4.1 Measured Elements for Each Employability Skills ............................................. 74
Table 4.2 List of Items with the Tested Elements ................................................................. 75
Table 4.3 Levels of Response Order and Categories ......................................................... 91
Table 4.4 Characteristics of Response and Scoring .............................................................. 91
Table 4.5 Examples of Response Combination and Scores for the Answer Scheme
“A - B – C - D” ......................................................................................................................... 94
Table 4.6 Guidelines in Assessing the Level of Respondent’s Employability Skills ................................. 95
Table 5.1 Profile of Respondents in the Pilot Study ............................................................. 110
Table 5.2 Opinion of Respondents by Experience ............................................................... 112
Table 5.3 Profile of Respondents in the Main Study ............................................................ 114
Table 5.4 Percentages of Scores for Pilot and Main Study ................................................ 124
Table 5.5 Chi-Square Test for Homogeneity ........................................................................ 126
Table 5.6 Results of Mann-Whitney Test on Score Differences across Field of Study ................................................................................................................................. 128
Table 5.7 Employability Skills Level Possessed by the Respondents .................................. 130
Table 5.8 Norm Score for Graduate Employability Skills Instrument .................................. 131
LIST OF FIGURES

Figure 2.1 Instrument Development Process ................................................................. 49
Figure 4.1 Flow Chart of Graduate Employability Skills Instrument Development ..... 71
Figure 4.2 Flow of Sample Selection ............................................................................ 99
Figure 5.1 First Pattern Error ....................................................................................... 116
Figure 5.2 Second Pattern Error .................................................................................. 116
Figure 5.3 Third Pattern Error ..................................................................................... 117
Figure 5.4 Comparison of Boxplot, EFA and Cronbach's Alpha for Items of
Communication Skill ................................................................................................... 118
Figure 5.5 Comparison of Boxplot, EFA and Cronbach's Alpha for Items of
Professional Work Ethics and Morality ......................................................................... 119
Figure 5.6 Comparison of Boxplot, EFA and Cronbach's Alpha for Items of
Entrepreneurial Skill .................................................................................................... 120
Figure 5.7 Comparison of Boxplot, EFA and Cronbach's Alpha for Items of Personal
Quality ............................................................................................................................ 121
Figure 5.8 Comparison of Scores Distribution, EFA and Reliability for Items of
Critical Thinking in Problem Solving ......................................................................... 122
List of Appendices

Appendix A Additional Explanation of Figure 2.1 .................................................. 145
Appendix B List of Experts and Their Expertise ....................................................... 148
Appendix C Graduate Employability Skills Instrument ............................................ 149
# List of Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCA</td>
<td>Bias – Corrected and Accelerated</td>
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<tr>
<td>CA</td>
<td>Communication Apprehension</td>
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<tr>
<td>CGPA</td>
<td>Cumulative Grade Point Average</td>
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<td>COSTAM</td>
<td>Confederation of Scientific and Technological Associations in Malaysia</td>
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<td>EDA</td>
<td>Exploratory Data Analysis</td>
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<tr>
<td>ICT</td>
<td>Information and Communication Technology</td>
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<tr>
<td>K-S</td>
<td>Kolmogorov-Smirnov</td>
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<td>MOHE</td>
<td>Ministry of Higher Education</td>
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<td>My3S</td>
<td>Malaysian Soft Skills Scale</td>
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<td>NWRC</td>
<td>National Work Readiness Credential</td>
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<tr>
<td>LPQ</td>
<td>Personal Quality Related to Life</td>
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<tr>
<td>CPQ</td>
<td>Personal Quality Related to Work</td>
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<td>SJT</td>
<td>Situational Judgment Test</td>
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<td>UUM</td>
<td>Universiti Utara Malaysia</td>
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<td>WAGE</td>
<td>The Workforce Alliance for Growth in the Economy Certificate Program</td>
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<tr>
<td>WRC</td>
<td>Work Readiness Credential</td>
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<td>WSC</td>
<td>Workforce Skills Certification System</td>
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</table>
CHAPTER ONE
INTRODUCTION

1.1 Research Background

Today, globalization has made the recruitment of workforce in an organization more crucial. An organization that has a competent workforce is said to have a special asset that can help provide a high return on investment and can guarantee the lifetime of the organization (Curtis & McKenzie, 2001; Quek; Armstrong, 2005; Singh & Singh, 2008). In recruiting professionals in the 21st century, employers prefer to hire fresh graduates as they are the group of candidate that is expected to have potentials to help the organization produce fresh ideas and new techniques in enduring changes in globalization (ACNielsen, 2000).

At present, the number of graduates that exceed the number of job vacancies available each year seems to be favourable to employers (Raybould & Sheedy, 2005). This is because they are said to have flexibility in choosing quality graduates that can meet their demand to fill professional positions in their organization. However, despite the abundance of graduates, most of them have low level of work readiness (Quek, 2005). Hence, while employers find it difficult to hire potential employees (Raybould & Sheedy, 2005), many graduates fail to be employed. For those who did get a job, their work performances are not encouraging and have led them to lose their jobs (Zhiwen & Van der Heijden, 2008). A special committee named The Committee to Study, Review and Make Recommendations Concerning the Development and Direction of Higher Education was commissioned by the Ministry of Higher Education Malaysia to study graduate employability. The study indicates that most of the graduates did not meet the requirement of employers.
The contents of the thesis is for internal user only
REFERENCES


BIBLIOGRAPHY


