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E-commerce adoption by small medium enterprises: rural and regional general practices

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E-COMMERCE ADOPTION
BY SMALL MEDIUM ENTERPRISES: RURAL AND REGIONAL
GENERAL PRACTICES

A thesis submitted in partial fulfilment of the
requirements for the award of the degree of

Master of Information and Communication Technology (Research)

From

University of Wollongong

By

SANGEETHA RAMU

SCHOOL OF INFORMATION TECHNOLOGY AND COMPUTER SCIENCE
FACULTY OF INFORMATICS
2006
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ABSTRACT

There is a crisis in healthcare provision in remote and rural locations, as more and more GPs are leaving the countryside for positions in metropolitan centres. E-commerce may help to overcome the lack of services and remoteness of a country practice. But rural and regional GPs are not adopting E-Commerce at the same rate as other Small to Medium Enterprises (SMEs). This study aims to answer the question: What are the major issues faced by rural and regional General Practice in adopting E-commerce?

The study presents the results of a survey of E-commerce adoption by GPs in a rural location (South East NSW) and a regional location (The Illawarra region of NSW). The survey gathers data on the business characteristics of the GPs and their perception of the factors influencing E-commerce adoption and the benefits and disadvantages of E-commerce adoption. Statistical analysis of the results has confirmed some of the trends found in the literature but, more interestingly, our analysis also challenges some of the most widely observed trends. Overall, the results show that rural and regional GPs (SMEs) perceive E-commerce adoption differently to their metropolitan counterparts. In addition, there are differences in the perception of E-commerce adoption by service-oriented SMEs (GPs) compared to other industry sectors, such as manufacturing, retail etc.
University of Wollongong
Thesis Declaration

I, Sangeetha Ramu, being a candidate for the degree of Masters by Research hereby declare that work described in the attached thesis is my own work and has not been submitted for any other degree at the University of Wollongong or for any degree in any other university or institution.

Signature
Date
TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title Page</td>
<td>I</td>
</tr>
<tr>
<td>Acknowledgements</td>
<td>ii</td>
</tr>
<tr>
<td>Abstract</td>
<td>iii</td>
</tr>
<tr>
<td>Table of Contents</td>
<td>v</td>
</tr>
<tr>
<td>List of Tables</td>
<td>viii</td>
</tr>
<tr>
<td>List of Figures</td>
<td>x</td>
</tr>
<tr>
<td>1. Introduction</td>
<td>1</td>
</tr>
<tr>
<td>1.1 Introduction</td>
<td>1</td>
</tr>
<tr>
<td>1.2 Background</td>
<td>1</td>
</tr>
<tr>
<td>1.3 Objectives of the research</td>
<td>4</td>
</tr>
<tr>
<td>1.4 Scope of this study</td>
<td>5</td>
</tr>
<tr>
<td>1.5 Organisation of Thesis</td>
<td>5</td>
</tr>
<tr>
<td>2. Review of the Literature</td>
<td>7</td>
</tr>
<tr>
<td>2.1 Introduction</td>
<td>7</td>
</tr>
<tr>
<td>2.2 Background</td>
<td>8</td>
</tr>
<tr>
<td>2.3 Electronic Commerce</td>
<td>9</td>
</tr>
<tr>
<td>2.3.1 E-commerce Stages</td>
<td>11</td>
</tr>
<tr>
<td>2.3.2 Types of E-commerce</td>
<td>13</td>
</tr>
<tr>
<td>2.4 Small To Medium Enterprises (SMEs)</td>
<td>14</td>
</tr>
<tr>
<td>2.4.1 Characteristics of SMEs</td>
<td>15</td>
</tr>
<tr>
<td>2.4.2 SMEs and E-commerce</td>
<td>15</td>
</tr>
<tr>
<td>2.4.3 Effects of Location on E-commerce adoption by SMEs</td>
<td>17</td>
</tr>
<tr>
<td>2.4.4 SMEs adoption of E-commerce by industry</td>
<td>17</td>
</tr>
<tr>
<td>2.4.5 Summary</td>
<td>18</td>
</tr>
<tr>
<td>2.5 General Practices</td>
<td>18</td>
</tr>
<tr>
<td>2.5.1 Use of ICT in Healthcare</td>
<td>18</td>
</tr>
<tr>
<td>2.5.2 Major benefits of ICT in Healthcare</td>
<td>19</td>
</tr>
<tr>
<td>2.5.3 Rural and Regional General Practices</td>
<td>20</td>
</tr>
<tr>
<td>2.5.4 GPs as SMEs</td>
<td>21</td>
</tr>
<tr>
<td>2.6 Ecommerce adoption by SMEs</td>
<td>22</td>
</tr>
<tr>
<td>2.6.1 Factors influencing E-commerce adoption</td>
<td>24</td>
</tr>
<tr>
<td>2.6.2 Barriers of E-commerce adoption</td>
<td>26</td>
</tr>
<tr>
<td>2.6.3 Benefits of E-commerce adoption</td>
<td>28</td>
</tr>
<tr>
<td>2.6.4 Disadvantages of E-commerce adoption</td>
<td>30</td>
</tr>
<tr>
<td>2.7 Business Profile Characteristics</td>
<td>30</td>
</tr>
<tr>
<td>2.7.1 Business Attributes</td>
<td>31</td>
</tr>
<tr>
<td>2.7.2 Owner Attributes</td>
<td>32</td>
</tr>
<tr>
<td>2.8 Conclusion</td>
<td>33</td>
</tr>
<tr>
<td>3. Methodology</td>
<td>34</td>
</tr>
</tbody>
</table>
5.1.7 Frequency distribution for rating of ICT skills possessed by GPs
5.2 Factors Influencing ICT adoption
5.3 Benefits of ICT adoption
5.4 Disadvantages of ICT adoption
5.5 Influence of Business Profile attributes on adoption of ICT
  5.5.1 Association of Business Profile Attributes with Factors influencing ICT adoption
  5.5.2 Association of Business Profile Attributes with Benefits of ICT adoption
  5.5.3 Association of Business Profile Attributes with Disadvantages of ICT adoption
5.6 Conclusion

6. Conclusions
  6.1 Introduction
  6.2 Conclusions
  6.3 Significance of this study
  6.4 Limitations of this study
  6.5 Future research

References

Appendix A: Questionnaire
List of Tables

Table 2.1  Summary of 3 models of the stages of E-commerce adoption 12
Table 2.2  Factors influencing adoption 24
Table 2.3  Barriers of E-commerce adoption 27
Table 2.4  Benefits of E-commerce adoption 29
Table 2.5  Disadvantages incurred through adoption of E-commerce 30
Table 3.1  Sections of the Questionnaire 39
Table 4.1  Frequency distribution for Number of employees 50
Table 4.2  Frequency distribution for Number of patients per week 51
Table 4.3  Frequency distribution for GP’s Numbers of years of Practice 52
Table 4.4  Frequency distribution for Gender of GPs 53
Table 4.5  Frequency distribution for Employment of an administrator 54
Table 4.6  Frequency distribution for importance of ICT training and support 55
Table 4.7  Frequency distribution for ICT skills 56
Table 4.8  Gender and Number of patients seen per week 57
Table 4.9  Ratings of the importance of Factors influencing ICT adoption 59
Table 4.10  Ratings of importance of benefits of ICT adoption 61
Table 4.11  Ratings of the importance of Disadvantages in adopting ICT 62
Table 4.12  Association of number of employees and improve information storage and retrieval 63
Table 4.13  Association of Number of employees with improve communication 64
Table 4.14  Association of Number of employees and improve business efficiency 65
Table 4.15  Association of Number of employees with Improve patient care/contact 65
Table 4.16  Association of Number of employees with Generating prescriptions 66
Table 4.17  Association of Number of patients seen per week with Reduction of business costs 66
Table 4.18  Association of number of years in Practice and Reducing the importance of distance (remoteness) the provision of high quality medical care and number of years in Practice 67
Table 4.19  Association of Number of patients seen per week with Resistance to usage by staff 68
Table 5.1  Frequency distribution for Number of employees 71
Table 5.2  Frequency distribution for Number of patients per week 71
Table 5.3  Frequency distribution for Number of years in practice 72
Table 5.4  Frequency distribution for Gender 73
Table 5.5  Frequency Distribution for Employment of an administrator 75
Table 5.6  Frequency distribution for the Importance of ICT training and support 76
Table 5.7  Frequency distribution for rating of ICT skills 77
Table 5.8  Ratings of the importance of Factors influencing ICT adoption 79
Table 5.9  Rating of Benefits of ICT adoption 81
Table 5.10  Rating of Disadvantages of ICT adoption 83
Table 5.11  Association of Number of employees with Improve Information storage and retrieval 85
Table 5.12  Association of Number of employees with Improve communication 86
Table 5.13  Association of Number of employees with Streamlining of billing and accounting functions 86
Table 5.14  Association of Number of employees with Strengthen relations with business partners 87
Table 5.15  Association of Number of employees with Improvement to business efficiency 88
Table 5.16  Association of Number of employees with Reduction of the overall workload and increased leisure time 89
Table 5.17  Association of Number of employees with Communication with other medical organizations 89
Table 5.18  Association of Number of employees and Reducing the importance of the distance (remoteness) in the provision of high quality medical care 90
Table 5.19  Association of Number of years of Practice with Streamlining of billing and accounting functions 91
Table 5.20  Association of Number of patients per week with Duplication of work effort 92
Table 5.21  Association of Number of years in Practice with Deterioration of relations with business partners 93
List of figures

Figure 4.1 Frequency distribution for Number of employees 50
Figure 4.2 Frequency distribution for Number of patients per week 51
Figure 4.3: Frequency distribution for GP’s Numbers of years of Practice 52
Figure 4.4: Frequency distribution for Gender of GPs 53
Figure 4.5 Frequency distribution for Employment of an administrator 54
Figure 4.6 Frequency distribution for importance of ICT training and support 55
Figure 4.7 Gender and Number of Patients per week 57
Figure 5.1 Frequency distribution for Number of employees 70
Figure 5.2 Frequency distribution for Number of patients per week 72
Figure 5.3 Frequency distribution for Number of years in practice 72
Figure 5.4 Frequency distribution for Gender 73
Figure 5.5 Frequency Distribution for Employment of an administrator 74
Figure 5.6 Frequency distribution for the importance of ICT training and support 76