The evolving interactivity of online news: an exploratory study using content analysis, Q-methodology and activity theory

Nor Hazlina Hashim
University of Wollongong

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THE EVOLVING INTERACTIVITY OF ONLINE NEWS: AN EXPLORATORY STUDY USING CONTENT ANALYSIS, Q-METHODOLOGY AND ACTIVITY THEORY

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

DOCTOR OF PHILOSOPHY

from

THE UNIVERSITY OF WOLLONGONG

by

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INFORMATION SYSTEMS
FACULTY OF COMMERCE

2010
CERTIFICATION

I, Nor Hazlina Hashim, declare that this thesis submitted in fulfilment of the requirements for the award of Doctor of Philosophy, in the Information Systems, School of Economics, Faculty of Commerce, University of Wollongong, is wholly my own work unless otherwise referenced or acknowledged. The document has not been submitted for qualifications at any other academic institution.

Nor Hazlina Hashim

31st March 2010
ABSTRACT

The findings of the research described in this thesis add to our understanding of the dynamic of change in the contemporary phenomenon of online news. The research adopts an interpretivist perspective, which brings together a suitable mix of methodologies and theoretical concepts. The study focuses on the adoption of interactive features by Australian newspapers websites as well as in the identification of different user profiles through their perception and opinions on the constant changes in online news. Thus, the research has significant contributions to theory and also has lessons for practice.

The research undertook four sets of data collections as follows: Phase 1 – a web-based content analysis of twelve Australian online newspapers (2006-2007); Phase 2 – an initial Q-study of Australian online news consumers (2007); Phase 3 – a second Q-study of Australian and Malaysian online news consumers (2008); and Phase 4 – the revisiting of the newspaper websites of Phase 1 of the web-based content analysis (2009). The news websites study employed a longitudinal approach, which enabled the researcher to understand the shift of focus on interaction between readers and the news as well as the changes over time of the general online news environment. An additional Phase was then added to the research after the main data collection was completed. This took a critical look at current innovations in online news to suggest its possible future as the distinction between producers and consumers of news are becoming blurred through the use of social media on the Internet. The research demonstrated the revolution and evolution of online news, which impacted not only the business model of news industries, but also the working environment of the journalist’s professions, and the involvement of the public news consumers in general.

This research is of significance to both, academics and the practitioners. In terms of scholarly significance, the study is important theoretically and methodologically. The dimensions of the concept of Interactivity underpin the study of the dynamic aspects of content and layout of online news. Activity Theory was found to be useful for analysing in a more general and holistic way, people’s views and motives when engaged in activities of accessing online news. By using a mixed-method approach to data analysis involving both the content analysis of websites and the Q-Methodology technique, the
research covered both, the objective and subjective aspects of the online news. Although Q-Methodology is relatively new to the online news literature, it was found to be a valuable method for indentifying categories of people’s views on the constant changes in online news. The Interactivity concept and Activity Theory are two strong theoretical pillars that complement each other in creating a descriptive picture of the content, nature and use of the news websites. Together, they provide a useful mechanism to aid the research in understanding the link between the web elements and the web users’ needs and activities in the news industry.

The main contribution of the thesis is that it provides evidence that demonstrates the changing nature of online news content layout and features with greatly increased interaction and participation by consumers while also showing how different groups of people perceive and act with the constant changes in online news. The different activities of these groups are identified in terms of how they engage with the Interactivity dimensions of the websites and how different features of the websites should be designed to mediate the different activities of users. This thesis presents a rich picture of the recent substantiation growth of the interactive nature of online news with the variety of patterns of exchanges and the ways it now meets current informational and social needs and desires. As such, the Internet will continue to be engaged as a potentially powerful and persuasive tool in the future of the online news industry in ways that we cannot now anticipate.
PAPERS

The following papers and publications have been produced from the research reported in this thesis:


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# TABLE OF CONTENTS

ABSTRACT ..............................................................................................................................III

ACKNOWLEDGEMENTS...........................................................................................................VI

TABLE OF CONTENTS...............................................................................................................VII

LIST OF FIGURES ...................................................................................................................XI

LIST OF TABLES ...................................................................................................................XIII

LIST OF APPENDICES ...........................................................................................................XV

LIST OF ABBREVIATIONS ......................................................................................................XV

1 CHAPTER ONE: INTRODUCTION .................................................................................... 1
  1.1 INTRODUCTION ......................................................................................................... 1
  1.2 BACKGROUND TO THE RESEARCH ........................................................................... 1
  1.3 SIGNIFICANCE OF THE RESEARCH ......................................................................... 5
  1.4 OBJECTIVES OF THE RESEARCH ............................................................................. 6
  1.5 SCOPE OF THE RESEARCH ......................................................................................... 7
  1.6 STRUCTURE OF THE THESIS .................................................................................... 8
  1.7 CHAPTER SUMMARY .................................................................................................. 9

2 CHAPTER TWO: LITERATURE REVIEW ........................................................................... 10
  2.1 INTRODUCTION ......................................................................................................... 10
  2.2 THE ERA OF ONLINE NEWSPAPERS ......................................................................... 11
  2.2.1 Overview ................................................................................................................ 11
  2.2.2 The Rise of Online Newspapers ............................................................................ 13
  2.3 ONLINE NEWSPAPER CHARACTERISTICS ............................................................... 18
  2.4 REVIEWS ON ONLINE NEWSPAPER ......................................................................... 22
  2.5 INTERACTIVITY CONCEPT ......................................................................................... 27
  2.6 ACTIVITY THEORY ..................................................................................................... 36
  2.6.1 Introduction to Activity Theory ............................................................................... 36
  2.6.2 Practical Values of Activity Theory ....................................................................... 40
  2.6.3 Activity Theory Applications in Human-Computer Interaction, Information Systems and Technologies ................................................................................................................................. 44
  2.7 RESEARCH QUESTIONS .............................................................................................. 50
  2.8 CHAPTER SUMMARY .................................................................................................. 52
3 CHAPTER THREE: METHODOLOGY .............................................................. 53
3.1 INTRODUCTION ...................................................................................... 53
3.2 THE METHODOLOGY AND RESEARCH DESIGN ................................... 54
  3.2.1 Methodology .................................................................................. 54
  3.2.2 Research Design ........................................................................... 56
3.3 CONTENT ANALYSIS OF THE WEBSITES .......................................... 58
  3.3.1 Step 1: Objective of this Web Content Analysis ................................ 62
  3.3.2 Step 2: Sampling Population ............................................................ 62
  3.3.3 Step 3: Developing Categories: Conceptualisation and Operationalisation 65
    3.3.3.1 Content Availability and Choice .............................................. 67
    3.3.3.2 Effort of Users ......................................................................... 67
    3.3.3.3 Communication Opportunity .................................................. 68
    3.3.3.4 Responsiveness ...................................................................... 69
    3.3.3.5 Customization and Information Management .......................... 69
  3.3.4 Step 4: Coding Units and Unit of Analysis ....................................... 70
    3.3.4.1 Content Availability and Choice .............................................. 70
    3.3.4.2 Communication Opportunity .................................................... 71
    3.3.4.3 Effort of Users ......................................................................... 72
    3.3.4.4 Responsiveness ...................................................................... 72
    3.3.4.5 Customization and Management of Information ....................... 72
  3.3.5 Step 5: Coding Procedures ............................................................... 73
    3.3.5.1 Research Instrument ................................................................ 73
    3.3.5.2 Content Analyses: Time frames ............................................... 75
      3.3.5.2.1 Phase 1: Preliminary Study ............................................... 75
      3.3.5.2.2 Phase 4: Revisiting the Websites ....................................... 75
  3.3.6 Step 6: Analysis and Interpretation of the Data Collected .................... 75
3.4 USING THE Q-METHODOLOGY TO MEASURE USER’S SUBJECTIVITY ...... 76
  3.4.1 Step 1: Determining the Objective ................................................... 79
  3.4.2 Step 2: The Concourse and sampling the Concourse .......................... 80
  3.4.3 Step 3: The Q-sorting and Q Grid ..................................................... 82
  3.4.4 Step 4: Selecting P samples (the sorters) ......................................... 85
    3.4.4.1 Phase 2: The Initial Stage of Q-study ...................................... 86
    3.4.4.2 Phase 3: The Second Stage of Q-study ..................................... 87
  3.4.5 Step 5: Analyses and Data Interpretation ........................................ 87
3.5 THEORETICAL ANALYSIS: APPLYING ACTIVITY THEORY INTO THIS STUDY .... 88
3.6 CHAPTER SUMMARY ........................................................................... 90
4 CHAPTER FOUR: INITIAL STAGE YEAR 2006-2007 RESULTS AND ANALYSIS .......... 91

4.1 INTRODUCTION ................................................................................................................. 91

4.2 PHASE 1: PRELIMINARY STUDY OF WEB CONTENT ANALYSIS RESULTS ................. 91

4.2.1 Overview ......................................................................................................................... 91

4.2.2 The Web Content Analysis Results ................................................................................. 92

4.2.2.1 Content Availability and Choice ................................................................................ 92

4.2.2.1.1 Value Proposition .................................................................................................. 92

4.2.2.1.2 Peripheral Value Proposition ................................................................................. 94

4.2.2.2 Effort of Users ............................................................................................................ 99

4.2.2.3 Communication Opportunity .................................................................................... 101

4.2.2.4 Responsiveness ........................................................................................................ 103

4.2.2.5 Customisation and Management of Information ..................................................... 103

4.2.3 Summary on the Preliminary Study ............................................................................. 104

4.3 PHASE 2: THE INITIAL STAGE OF Q SORT RESULTS .................................................. 106

4.3.1 Overview ....................................................................................................................... 106

4.3.2 The Q Sort Results ....................................................................................................... 107

4.3.2.1 Factor A: Serious News Readers ............................................................................. 111

4.3.2.2 Factor B: Playful News Readers ............................................................................. 114

4.3.3 Summary of the Initial Stage of the Q Sort Study ....................................................... 115

4.4 CHAPTER SUMMARY ...................................................................................................... 116

5 CHAPTER FIVE: SECOND STAGE YEAR 2008-2009 RESULTS AND ANALYSIS ............ 118

5.1 INTRODUCTION ................................................................................................................ 118

5.2 PHASE 3: THE SECOND STAGE OF Q SORT RESULTS .................................................. 118

5.2.1 Overview ....................................................................................................................... 118

5.2.2 The Q Sort Results ....................................................................................................... 118

5.2.2.1 Factor A: Accessible News Readers ...................................................................... 123

5.2.2.2 Factor B: Playful News Readers ............................................................................. 126

5.2.2.3 Factor C: Loyal News Readers .............................................................................. 129

5.2.2.4 Factor D: Connected News Readers ..................................................................... 131

5.2.3 Summary of the Q Sort Results ................................................................................... 133

5.3 PHASE 4: REVISITING THE WEBSITES ........................................................................ 134

5.3.1 An Overview of Online News Layout ......................................................................... 134

5.3.1.1 Content Availability and Choice .......................................................................... 136

5.3.1.1.1 Value Proposition ............................................................................................. 136

5.3.1.1.2 Peripheral Value Proposition ............................................................................ 143

5.3.1.2 Communication Opportunity ................................................................................. 155

5.3.1.3 Effort of Users ......................................................................................................... 166

5.3.1.4 Responsiveness ....................................................................................................... 171

5.3.1.5 Customisation and Management Information ....................................................... 172
6 CHAPTER SIX: INTERPRETATION OF THE RESULTS ........................................ 176

6.1 INTRODUCTION ........................................................................ 176
6.2 THE INITIAL STAGE .................................................................. 177
6.2.1 Interpretation of Phase 1 Results .................................. 177
6.2.2 Interpretation of Phase 2 Results .................................. 179
6.2.3 The Link between Phase 1 and Phase 2 ......................... 181
6.2.4 Activity Theory Analysis of the Initial Stage .................. 185
6.3 THE SECOND STAGE ................................................................. 187
6.3.1 Interpretation of Phase 3 Results ................................. 187
6.3.2 Interpretation of Phase 4 Results .................................. 191
6.3.3 The Link between Phase 3 and Phase 4 ......................... 194
6.3.4 Activity Theory Analysis of the Second Stage .............. 198
6.4 CHAPTER SUMMARY .............................................................. 201

7 CHAPTER SEVEN: CRITICAL ANALYSIS OF CURRENT INNOVATIONS .......... 202

7.1 INTRODUCTION ........................................................................ 202
7.2 THE CURRENT STATE OF ONLINE NEWS ............................. 202
7.3 THE FUTURE OF ONLINE NEWS .............................................. 207
7.3.1 Online News Characteristic ............................................. 208
7.3.2 Online News Industries ...................................................... 211
7.3.3 Online Journalism .............................................................. 217
7.3.4 Online News Readers as Web Users .............................. 220
7.4 ACTIVITY THEORY ANALYSIS OF THE FUTURE OF ONLINE NEWS ........ 223
7.5 CHAPTER SUMMARY .............................................................. 226

8 CHAPTER EIGHT: CONCLUSION ...................................................... 227

8.1 INTRODUCTION ........................................................................ 227
8.2 KEY FINDINGS .......................................................................... 227
8.3 SIGNIFICANCE FOR THEORY .............................................. 231
8.4 SIGNIFICANCE FOR PRACTICE ........................................... 237
8.5 LIMITATIONS .......................................................................... 238
8.6 OPPORTUNITIES FOR FUTURE RESEARCH STUDY .............. 240
8.7 CHAPTER SUMMARY .............................................................. 242

REFERENCES .............................................................................. 244

APPENDICES .............................................................................. 274
LIST OF FIGURES

Figure 2.1: Hierarchical levels of an activity (Leont'ev 1981) ..................................................37
Figure 2.2: Examples of activities, actions and operations (Kuutti 1996) .................................38
Figure 2.3: Expended Activity Theory Model by Engeström (1987) ..........................................38
Figure 2.4: Vygotsky’s original model of a mediated artefact .....................................................41
Figure 3.1: Q-sort Process Flow and Distribution of Q-sort Grid (N=50) .................................83
Figure 3.2: Basic Activity of the Online News Production ..........................................................89
Figure 4.1: Value Proposition Changes on 12 Australian Online Newspapers, Year 2006 and 2007 ..................................................................................................................93
Figure 4.2: Peripheral Value Proposition on 12 Australian Online Newspapers Year 2006 and 2007 ..................................................................................................................95
Figure 4.3: Advertisements growth between 2006 and 2007 .......................................................96
Figure 4.4: Advertisements of the 12 Australian Online Newspapers, Year 2006-2007 ..........97
Figure 4.5: Effort Users Must Exert on Registration, Year 2006-2007 .......................................99
Figure 4.6: Effort Users Must Exert on Retrieving News Articles, Year 2006-2007 ...............100
Figure 4.7: Retrieve News Articles for the 12 Australian Online Newspapers, Year 2006-2007 .........................................................................................................................100
Figure 4.8: Effort Users Must Exert on Links (in-house or to other websites), Year 2006-2007 .................................................................................................................................101
Figure 4.9: Communication Opportunity, Year 2006-2007 ........................................................102
Figure 4.10: System Response Time (left) and Users Response Time (right) .........................103
Figure 5.1: News Articles and News with Picture and Video for year 2009 .........................137
Figure 5.2: News Article with relevant links within the same issue ........................................138
Figure 5.3: News articles with updated time in the Age and AFR ..........................................139
Figure 5.4: Latest News column in the Australian Style ..............................................................139
Figure 5.5: The Age Archives News ..............................................................................................140
Figure 5.6: The Canberra Times Archives News ........................................................................140
Figure 5.7: The Australian Archive News ....................................................................................141
Figure 5.8: News Articles and News with Pictures and Videos in 2006-2009 .......................142
Figure 5.9: Peripheral Value Proposition of the 12 Australian Online Newspapers in three years studies ........................................................................................................143
Figure 5.10: The Daily Telegraph featuring ‘Game On’ ............................................................144
Figure 5.11: The Western Australian featuring Entertainments and Games .......................145
Figure 5.12: Peripheral Value Proposition on Advertisements from 2006 to 2009 ...............145
Figure 5.13: Advertisements of 12 Online Newspapers for year 2007 and 2009 ................146
LIST OF TABLES

Table 1.1: World Internet Usage and Population Statistics ........................................... 2
Table 2.1: Home Page Content Categories ........................................................................ 15
Table 2.2: Interactivity Framework in Various Studies ..................................................... 32
Table 3.1: Research Plan from Year 2006-2009 ................................................................. 57
Table 3.2: Australian Newspapers Readership in 2005 ..................................................... 64
Table 4.1: Value Proposition Changes for Year 2006-2007 ............................................. 94
Table 4.2: Peripheral Value Proposition Changes for Year 2006-2007 .......................... 98
Table 4.3: Correlations, Reliabilities and Standard Errors of the Two-Factor ................. 108
Table 4.4: Consensus and Distinguishing Statements for Factor A and B ...................... 109
Table 4.5: Demographic Information for Factor A .......................................................... 111
Table 4.6: Factor A - Descending array of z-scores (±1), Statements and Categories ...... 113
Table 4.7: Demographic Information for Factor B ............................................................ 114
Table 4.8: Factor B - Descending array of z-scores (±1), Statements and Categories ...... 115
Table 5.1: Four-Factor Correlations ................................................................................. 120
Table 5.2: Consensus and Distinguished Statements between Four-Factor .................... 121
Table 5.3: Descending Array of Differences (+1) between Factor A and Factor B ........... 122
Table 5.4: Descending Array of Differences (±0.3) between Factor C and Factor D ........ 123
Table 5.5: Demographic Information for Factor A .......................................................... 124
Table 5.6: Factor A - Descending array of z-scores (±1), Statements and Categories ...... 126
Table 5.7: Demographic Information for Factor B ............................................................ 127
Table 5.8: Factor B - Descending array of z-scores (±0.5), Statements and Categories ...... 128
Table 5.9: Demographic Information of Factor C ............................................................ 129
Table 5.10: Factor C - Descending array of z-scores (±0.5), Statements and Categories .... 130
Table 5.11: Demographic Information for Factor D ......................................................... 131
Table 5.12: Factor D - Descending array of z-scores (±0.5), Statements and Categories .... 132
Table 5.13: Value Proposition for the 12 Australian Online Newspapers between Phase 1
and Phase 4 Results ........................................................................................................ 142
Table 5.14: Peripheral Value Proposition for the 12 Australian Online Newspapers
between Phase 1 and Phase 4 Results ............................................................................. 154
Table 5.15: ‘Twitter’ in the 12 Australian Online Newspapers ........................................ 160
Table 6.1: Interpretation of the Web-based Content Analysis Years 2006-2007 Results .... 178
Table 6.2: Interpretation of Q-Methodology for the Two Factors Results ...................... 180
Table 6.3: Interpretation of the Phase 1 and Phase 2 Results .......................................... 183
Table 6.4: Interpretation of Q-Methodology for the Four Factors Results ...................... 190
Table 6.5: Interpretation of the Web-based Content Analysis Year 2009 Results .......... 193
LIST OF APPENDICES

Appendix 1: Q Sort Statement and Categories ..............................................................273
Appendix 2: Q Sorting Instructions .................................................................................276
Appendix 3: Q Grid Answer Sheet ................................................................................277
Appendix 4: Profile Information .....................................................................................278
Appendix 5: Phase 1 – 2006 Australian Online Newspapers ......................................283
Appendix 6: Phase 1 – 2007 Australian Online Newspapers ......................................305
Appendix 7: Phase 2 – Item Score Arrays (Varimax) for the Two-Factor .................330
Appendix 8: Phase 3 – Item Score Arrays (Varimax) for the Four-Factor .................332
Appendix 9: Phase 3 – Demographic Results from the Profile Information ..............334
Appendix 10: Phase 4 – 2009 Australian Online Newspapers ....................................339
Appendix 11: The Courier Mail – news Article with Related News links .................376
Appendix 12: The Herald Sun – news Updates ...............................................................378
Appendix 13: The Daily Telegraph – ‘Game On’ feature ............................................379
Appendix 14: Chat Room in the Boston and Los Angeles Times Online Newspaper ......380
Appendix 15: Communication opportunity and Social network links .......................384
Appendix 16: Fairfax Digital Privacy Policy ................................................................385
# LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
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<tbody>
<tr>
<td>ABC</td>
<td>Australian Broadcasting Corporation</td>
</tr>
<tr>
<td>ACT</td>
<td>Australian Capital Territory</td>
</tr>
<tr>
<td>AFR</td>
<td>Australian Financial Review</td>
</tr>
<tr>
<td>Ad</td>
<td>The Advertiser/Adelaide Now</td>
</tr>
<tr>
<td>Age</td>
<td>The Age</td>
</tr>
<tr>
<td>AUS</td>
<td>Australian</td>
</tr>
<tr>
<td>BBC</td>
<td>British Broadcast Corporation</td>
</tr>
<tr>
<td>CMC</td>
<td>Computer-Mediated Communication</td>
</tr>
<tr>
<td>CM</td>
<td>The Courier Mail</td>
</tr>
<tr>
<td>CNN</td>
<td>Cable News Network</td>
</tr>
<tr>
<td>CSCW</td>
<td>Computer-Supported Cooperative Work</td>
</tr>
<tr>
<td>CT</td>
<td>The Canberra Times</td>
</tr>
<tr>
<td>DT</td>
<td>The Daily Telegraph</td>
</tr>
<tr>
<td>HS</td>
<td>Herald Sun</td>
</tr>
<tr>
<td>HCI</td>
<td>Human-Computer Interaction</td>
</tr>
<tr>
<td>ICT</td>
<td>Information Communication Technology</td>
</tr>
<tr>
<td>IS</td>
<td>Information Systems</td>
</tr>
<tr>
<td>URL</td>
<td>Uniform Resources Locator</td>
</tr>
<tr>
<td>US</td>
<td>United States</td>
</tr>
<tr>
<td>M</td>
<td>The Mercury</td>
</tr>
<tr>
<td>MMS</td>
<td>Multimedia Message Service</td>
</tr>
<tr>
<td>NAA</td>
<td>Newspaper Association of America</td>
</tr>
<tr>
<td>NT</td>
<td>The Northern Territory</td>
</tr>
<tr>
<td>RSS</td>
<td>Really Simple Syndication</td>
</tr>
<tr>
<td>SMH</td>
<td>Sydney Morning Herald</td>
</tr>
<tr>
<td>SMS</td>
<td>Short Message Service</td>
</tr>
<tr>
<td>WA</td>
<td>Western Australian</td>
</tr>
<tr>
<td>WAN</td>
<td>World Association of Newspapers</td>
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<tr>
<td>WWW</td>
<td>World Wide Web</td>
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