

# **MOBILE BASED MULTI-APPOINTMENT MANAGEMENT SYSTEM FOR ITU-UUM**

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# **MOBILE BASED MULTI-APPOINTMENT MANAGEMENT SYSTEM FOR ITU-UUM**

**A thesis submitted to the College of Arts and Sciences in  
partial Fulfillment of the requirements for the degree of  
Master of Science in  
(Information and Communication Technology)  
Universiti Utara Malaysia**

**By**

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## **ABSTRACT**

Managing appointment for the executives in any institution and especially to bring different people from different places together is really hard to coordinate. Technologies improve lives as many people are going to benefit from Information and Communication Technology to reduce time and effort in doing routine work. The objectives of this study are to develop and evaluate a mobile based multi-appointment management system. The proposed system would be easier to coordinate meetings. Moreover, the users will be aware of any modification or cancellation on the appointment timing. The system requirements have been achieved for these objectives. It is called Mobile-based Multi-Appointment Management System M-MAMS which was modeled, prototyped, and evaluated throughout this study. This study will also propose a new scheduling technique that relies on a managerial hierarchy of the meeting system of ITU-UUM ASP CoE.

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## TABLE OF CONTENTS

	<b>Page</b>
<b>PERMISSION TO USE</b>	i
<b>ABSTRACT</b>	ii
<b>ACKNOWLEDGEMENTS</b>	iii
<b>TABLE OF CONTENTS</b>	iv
<b>LIST OF FIGURES</b>	vi
<b>LIST OF TABLES</b>	vii
<b>CHAPTER ONE: INTRODUCTION</b>	
1.0. Background	1
1.1. Problem Statement	4
1.2. Objectives	4
1.3. Research Questions	5
1.4. Scope	5
1.5. Significance of the study	5
1.6. Report Structure	6
1.7. Summary	7
<b>CHAPTER TWO: LITERATURE REVIEW</b>	
2.1 Appointment Systems	8
2.1.1 Multi-Appointment	8
2.1.2 Calendaring	11
2.1.3 Scheduling	12
2.2 Technology Acceptance Model (TAM)	12
2.2.1 The Two Factors	13
2.2.1.1 Perceived Ease of Use (PEOU)	14
2.2.1.2 Perceived Usefulness (PU)	15
2.2.1.3 Unified Theory of Acceptance and Use of Technology (UTAUT)	15
2.2.2 Mobile Applications Acceptance Model	16
2.3 Mobile Devices	16
2.3.1 Mobile Connectivity Technologies ( WAP)	17
2.3.1.1 WAP Connectivity	17
2.3.1.2 WAP Layering Model	18
2.3.2 Mobile Infrastructure	19
2.3.3 Personal Digital Assistants ( PDAs )	20
2.3.4 Hand-phones	21
2.3.5 Mobile Challenges	22
2.3.6 Mobile Future	23
2.3.7 Mobile Users in Malaysia	24
2.4 Mobile Applications	24
2.5 Mobile Downloading	27
2.5.1 Basic HTTP Download	27
2.5.2 HTTP exact Functionality Client capability	28
2.6 International Telecommunication Union-Universiti Utara Malaysia Asia Pacific Center of Excellence (ITU-UUM ASP CoE)	28
2.6.1 Meeting Needs	29

<b>2.6.2 Meeting Coordination</b>	<b>30</b>
<b>2.6.3 Executives in ITU-UUM</b>	<b>30</b>
<b>2.7 Summary</b>	<b>31</b>
<b>CHAPTER THREE: RESEARCH METHODOLOGY</b>	
<b>3.1 Introduction</b>	<b>32</b>
<b>3.2 Research Methodology</b>	<b>33</b>
<b>3.2.1 Awareness of problem</b>	<b>34</b>
<b>3.2.2 Suggestions</b>	<b>37</b>
<b>3.2.3 Development</b>	<b>38</b>
<b>3.2.4 Evaluation</b>	<b>39</b>
<b>3.2.5 Conclusion</b>	<b>40</b>
<b>3.3 Summary</b>	<b>41</b>
<b>CHAPTER FOUR: FINDINGS</b>	
<b>4.1 Analysis</b>	<b>42</b>
<b>4.2 Requirements Determination</b>	<b>43</b>
<b>4.2.1 Use Case Diagram</b>	<b>44</b>
<b>4.2.2 Actor</b>	<b>44</b>
<b>4.2.3 Identification use cases</b>	<b>45</b>
<b>4.2.4 System's Requirements</b>	<b>46</b>
<b>4.2.4.1 Hardware requirements</b>	<b>47</b>
<b>4.2.4.2 Software requirements</b>	<b>48</b>
<b>4.3. System Design</b>	<b>49</b>
<b>4.3.1 Use case diagrams</b>	<b>49</b>
<b>4.4 Use case specification</b>	<b>50</b>
<b>4.5 Sequence diagram</b>	<b>54</b>
<b>4.6 Development</b>	<b>59</b>
<b>4.6.1 System Development</b>	<b>59</b>
<b>4.6.2 Screen Shots for M-MAMS</b>	<b>59</b>
<b>4.7 Summary</b>	<b>66</b>
<b>CHAPTER FIVE: DISCUSSION OF FINDINGS</b>	
<b>5.1 Evaluation method</b>	<b>67</b>
<b>5.2 Data Analysis</b>	<b>68</b>
<b>5.3 Summary</b>	<b>77</b>
<b>CHAPTER SIX: CONCLUSION</b>	
<b>6.1 Conclusion of the study</b>	<b>78</b>
<b>6.2 Study contribution</b>	<b>79</b>
<b>6.3 Problems and Limitations</b>	<b>79</b>
<b>6.4 Future works</b>	<b>80</b>
<b>6.5 Recommendations</b>	<b>81</b>
<b>REFERENCES</b>	<b>82</b>
<b>Appendices</b>	
<b>Appendix A Questionnaire form</b>	<b>87</b>
<b>Appendix B Use Casse Diagrams</b>	<b>90</b>
<b>Appendix C Source Code of the Prototype</b>	<b>101</b>

## LIST OF FIGURE

<b>Figure 2.1: Communication between Agent and Agent Manager of Secretary Agent System</b>	<b>9</b>
<b>Figure 2.2: TAM</b>	<b>14</b>
<b>Figure 2.3: Unified Theory of Acceptance and Use of Technology UTAUT</b>	<b>16</b>
<b>Figure 2.4: Handing off the WLAN Connection between Access Points</b>	<b>18</b>
<b>Figure 2.5: WAP Protocol Stack</b>	<b>19</b>
<b>Figure 2.6: The Wireless Matrix</b>	<b>20</b>
<b>Figure 2.7: Cool wrist PDA</b>	<b>21</b>
<b>Figure 2.8: The New Generation of Mobile Phone</b>	<b>22</b>
<b>Figure 2.9: An example of mobile downloading</b>	<b>27</b>
<b>Figure 3.1 the general Design approach of research Methodology</b>	<b>33</b>
<b>Figure 4.1: Main Use case – Administrator</b>	<b>49</b>
<b>figure 4.2: Use case login to the system</b>	<b>50</b>
<b>Figure 4.3: Use case Show appointments</b>	<b>52</b>
<b>Figure 4.4: Sequence Diagram View information login to the Admin</b>	<b>54</b>
<b>Figure 4.5: Sequence Diagram Show appointment</b>	<b>55</b>
<b>Figure 4.6: Sequence Diagram View Invitation</b>	<b>56</b>
<b>Figure 4.7: Sequence Diagram Check Message</b>	<b>57</b>
<b>Figure 4.8: Sequence Diagram Make Appointment</b>	<b>58</b>
<b>Figure 4.9: Screen shots for Login Page</b>	<b>60</b>
<b>Figure 4.10: Screen shots for Showing Confirmed appointment</b>	<b>61</b>
<b>Figure 4.11: Screen shots for View Invitation</b>	<b>62</b>
<b>Figure 4.12: Screen shots for sending message to Excuse invitation</b>	<b>63</b>
<b>Figure 4.13: Screen shots for Read the message sent after excuse</b>	<b>64</b>
<b>Figure 4.14: Screen shots for Make appointment</b>	<b>65</b>
<b>Figure 5.1: Gender</b>	<b>71</b>
<b>Figure 5.2: Educational Background</b>	<b>72</b>
<b>Figure 5.3: Pie graph of Age</b>	<b>73</b>
<b>Figure 5.4: Pie graph of the use Period of mobile device</b>	<b>74</b>
<b>Figure 5.5: Par graph : system aspect</b>	<b>75</b>
<b>Figure 5.6: Par graph overall satisfaction</b>	<b>76</b>

## LIST OF TABLES

<b>Table 4.1 hardware requirement details</b>	<b>47</b>
<b>Table 5.1: Reliability Statistics</b>	<b>68</b>
<b>Table 5.2: Item statistics</b>	<b>69</b>
<b>Table 5.3: Item total statistics</b>	<b>70</b>
<b>Table 5.4: Scale statistics</b>	<b>70</b>
<b>Table 5.5: Gender</b>	<b>71</b>
<b>Table 5.6: Educational Background</b>	<b>72</b>
<b>Table 5.7: Age of Respondents</b>	<b>73</b>
<b>Table 5.8: The use Period of mobile device</b>	<b>74</b>
<b>Table 5.9: descriptive statistics (system aspect)</b>	<b>75</b>
<b>Table 5.10: descriptive statistics (overall satisfaction)</b>	<b>76</b>

# **CHAPTER ONE**

## **INTRODUCTION**

### **1.0 BACKGROUND**

Mobility is probable to become the most widely used facility ever-invented, where people get benefit from being in-touch any time they wish and anywhere. This is because nowadays most of the people are using many infrastructures such as Bluetooth, GPRS, Wappre, WAP, 3G and many other technologies. These technologies can be used on many platforms and hardware such as PDAs, laptops and hand phones.

The most commonly used wireless technology nowadays is GPRS which stands for General packet Radio Services, which is a wireless connection that gives user a data speed from 56 up to 114 Kbps. It is used to make video calls with Multimedia by hand-phones and laptops much faster than ever before. In addition to that GPRS cost users less than circuit-switched services. This technology is also the main method that people today use to access the Internet using their own hand-phones, to employ mobility that ease use and enlarge the value of communication in their lives.

The contents of  
the thesis is for  
internal user  
only

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