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Mobile TV on PDA

Senior Design Project Report

By

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ABSTRACT

Mobile TV is the wireless transmission of television or video to mobile multimedia devices such as cellular phones, PDAs (Personal Digital Assistant), and wireless multimedia devices via mobile networks. This project is focused on Mobile TV on PDAs. In addition, the different Mobile TV technologies such as DVB-H, DMB, and 3G Networks will be covered in this project. Watching television on the PDAs is quite different from watching television on the standard television sets in terms of screen size and power consumption. The broadcasting of Mobile TV can be *multicasting* (for many viewers) or *unicasting* (on demand). The broadcast transmissions can be through the terrestrial medium or through the satellites directly to the mobile devices or Web server based using internet connections. The learning of Mobile TV technologies, the learning of programming using Visual Basic 2005 and an ideal programming application using Visual Basic 2005 are accomplished in this project.

TABLE OF CONTENTS

ABSTRACT		ii
LIST OF ILLUSTRATIONS		v
PREFACE		vi
I	INTRODUCTION	1
	Problem Topic	2
	Background	2
	Criteria and Parameters	3
	Methodology	4
	Primary Purpose	4
	Overview	4
II	SYSTEM DESIGN	6
	Overall Characteristics of Proposed Implementation	6
	System Usability	7
	Performance, Reliability, Supportability	7
	System Architecture	8
	Conclusion	
III	DIGITAL VIDEO	10
	Image Size	10
	Image Quality	11
	Video Compression and Formats	11
	MPEG Compression	13
	MPEG-1 (ISO 11172)	14
	MPEG-2	14
	MPEG-4	14
	H.264/AVC (MPEG-4 Part10)	15
	Video File Formats	16
IV	3G WIRELESS NETWORKS	19
	History	19
	Streaming Video Over 3G Networks	20
	Standardization	21
	Broadcasting Mobile TV	22
V	DVB-H	23
	IP Datacasting	24
	Transmission	24

VI	CONSTRUCTION	26
	The Main Form	26
	The Video Player Form	27
	REFERENCES	28
	APPENDIX.....	29

LIST OF ILLUSTRATIONS

Figures		Page
1	Application Programming Interface.....	8
2	System Architecture	9
3	MPEG Compression Process	15
4	Performance Comparison of MPEG	16
5	Standardization of 3G Services	14
6	IP Datacast Architecture.....	23

Tables		Page
1	Requirements and Specifications	7
2	Image Resolution.....	11
3	Bit Rates for Small Screen Devices.....	12