中文摘要

在這研究,我們提出並實作了社交事件察覺系統的概念性框架。這 個系統被設計爲在工作辦公室環境裡由電腦輔助中介架構來傳達社 交活動的發生訊息以達到增加人跟人能面對面的機會。從社會連結 (Hirschi 1969 的) 理論, 我們知道, 人由於底層的慾望迫使他們想 跟其他人接觸,而最容易的方式市透過參加社交活動來達成與他人 接觸的目的。在多數工作辦公室環境裡,公共社交場所與個人工作 位置是分離的,並且人在工作區域無法知道什麼社交活動發生在社 交場所, 特別是那些非約定時間的社交活動。我們提出利用網路底 層加夠配合環境感應器設計以傳達社交活動發生的訊息,並且將此 THE PERSON NAMED IN 訊息傳到每個人的工作位置上由一個實體裝置來顯示。如果人們在 工作位子注意到了訊息, 他們通過該裝置可以作出回應並且有機會 得到加入社交活動認可。我們設置一個情節在設計工作室環境裡來 描述系統原型實施的參考。並且我們測試它和利用使用者經驗爲發 展該系統發展和設計原則的可能性。

Abstract

 ${
m In}$ this research, we represented the conceptual framework of the social awareness system. This system is designed for extending physical contacts in work office environment through mediated awareness messages and short remote communications. From the theory of social bonds (Hirschi, 1969), we know that human have potential feelings that are eager to connect with other people, and the easiest way to connect with others is to join social activities. In most work office environment, public social places are separated from personal work seats, and people in work area can't be aware of what social activities happened in social places, especially those informal social activities. We proposed the approach of sensor networks to detect social events context in social places, and the communication server sends awareness messages which are shown in the context-mediated artifacts on every related work seat. If people in the work seats have noticed messages, they can do the respond through context-mediated artifacts to get the approval of joining the social activities. We set a scenario in a design studio environment to be the reference of the system prototype implementation. And we test it to collect the user experience for finding possibilities of keeping development and design principles of context-mediated artifacts.

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Contents Table

Chapter 1 Introduction	ion	1
1.1 Research Background	:	1
1.2 Research Problems and	d Objectives	2
1.2.1 Research Problem	2	2
1.2.2 Research Objectives	-	3
1.3 Research Steps	4	4
Chapter 2 Backgrou	nd Review	5
2.1 Awareness	:	5
2.1.1 Context Awareness	A STATE OF THE PARTY OF THE PAR	5
2.1.2 Social Awareness	- FRANK	6
2.1.3 Social Events Contex	ct FD B	7
2.1.4 Context-Mediated So	ocial Awareness	8
2.1.5 Computer Supported	Collaborative Work	9
2.2 Pervasive Computing 1	Environment	10
2.2.1 The Introduction		10
2.2.2 Related Cases		11
2.3 Ambient Interface		13
2.3.1 Calm Technology		13
2.3.2 Ambient Information	Display	14
2.3.3 Design Method	15	
2.4 Sensors and Physical C	Computing	16
2.4.1 Sensor Technology		16
2.4.2 Physical Computing	With Microcontroller	17

Chapter	3 Analysis and Basic Framework	18	
3.1	A Scenario for Social Awareness System	18	
	3.1.1 The Scenario in Design Office Environment	18	
	Scenario 1. Awareness of Social Events and Join It 18		
	Scenario 2. Creating the Chances of Informal Communication		19
	3.1.2 Discussions of the Scenario	19	
3.2	How to Sense Social Context	20	
	3.2.1 Social Places and Social Events	20	
	3.2.2 Physical Elements in Social Events	20	
3.3	The Mechanism of Mediated Awareness	22	
	3.3.1 Context-Mediated Artifacts 22		
	3.3.2 Mediated Communication Activation and Channel Creation	23	
3.4	Summary	24	
	3.4.1 Mixed With Human Factors Sensor System	24	
	3.4.2 Sensor Server and Inference Engine	25	
	3.4.3 Limitations and Questions	26	
Chapter	4 Scenario and Implementation	28	
4.1	1 Fundamental Module	28	
	4.1.1 Light Sensors for IRX board	30	
	4.1.2 Temperature Sensor	30	
	4.1.3 Sound Sensor for IRX board	31	
	4.1.4 Object Sensors	31	
	4.1.5 The Mechanism for Collecting Sensor data	32	
4.2	Implementation of the Scenario	32	
	4.2.1 The System Framework of the Scenario	32	
	4.2.2 Central Sensor Server	33	
	4.2.2.1 Chatting & Sensors	34	
	4.2.2.2 ID Sensor Software Framework	34	

4.2.2.3 Mechanism of Inference Engine	37
4.2.3 Communication Server	38
4.2.3.1 The Mechanism to Activate Communi	cation Channels 38
4.2.3.2 What in Communication Server	39
4.2.4 Context-Mediated Awareness Artifact	39
4.2.4.1 Meanings of Light Signals	39
4.2.4.2 Mechanism of Communication Proces	ss between Social Places and
individual Seats	40
4.2.4.3 Operative Mechanism in Individual S	eats 42
4.2.4.4 Operative Mechanism in Social Place	es 42
4.2.5 Hardware	44
4.2.5.1 Touch Switch	44
4.2.5.2 Integrated Part	45
4.2.5.3 Firmware	46
4.3 Limitations of the Implementation	46
4.3.1 Limitation on Display Patterns	46
4.3.2 Limitation on Operative Interface	47
4.3.3 Limitation on Sensing Social Events	47
Chapter 5 Discussion and Conclusi	on 48
5.1 Discussions of the Context-Mediated Artifac	et 48
5.1.1 The User Experience of the Mediated Artifact	48
5.1.2 Possibility of Using the Mediated Artifact to t	he Entire System 49
5.1.3 Conclusions of User Experience	50
5.2 Conclusions	51
5.3 Possible Contributions	51
5.4 Limitations	52
5.5 Future Work	52
Reference Table	53