

群體合作機制在web教學環境上之探討

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摘要

現代的教學環境由於電腦和網路科技的精進與全球資訊網的流行，不僅打破傳統時空的障礙，同時也提供多元化的教學方式。目前,大部分的群體合作學習環境大多著重於如何設計一個引人注目的人機介面，完全忽略了如何設計一套整體的合作機制，來有效的支援一個在虛擬環境中共同工作的群體。本研究根據組織行為學、網路教學、電腦輔助合作系統等理論，將傳統的教學活動移轉到Web上，克服時空限制，架構出在網路教學環境上的群體合作機制。此研究之重點在於群體合作機制之探討與建構，並藉由探討在Web教學環境之架構下所需之合作機制及其特性，以Java為開發語言，發展一個以群體合作學習的教學環境雛型系統。本研究的成果將對未來有志於設計一個動態的、互動的和群體合作的網路教學環境的研究者，提供一個重要的參考價值。

關鍵詞：群體合作學習；網路教學；電腦輔助合作系統；合作機制

目錄

目錄 封面內頁 簽名頁 授權書 iii 摘要 iv Abstract v 誌謝 vi 目錄 vii 圖目錄 x 表目錄 xii 第一章 緒論 1 第一節 研究背景 1 第二節 研究動機 3 第三節 研究目的 3 第四節 研究範圍與限制 4 第五節 研究方法與步驟 5 第二章 文獻探討 6 第一節 相關理論 6 壹、全球資訊網 6 貳、電腦輔助合作系統 7 參、Web教學 8 肆、組織行為的合作學習 10 伍、合作機制 12 第二節 現有的知名群體學習的網路應用系統 14 CORAL 14 Pathfinder 16 CoVis 17 Habanero 18 TANGO 19 Virtual classroom 20 第三節 群體學習系統之比較 21 第四節 總結 22 第三章 系統架構 23 第一節 本研究之理論基礎 23 壹、影響群組合作軟體開發因素 23 貳、同步和非同步之探討 25 第二節 群組合作學習應具備的功能特性 27 壹、合作機制的七種功能特性 27 貳、機制的圖形解釋 28 參、以小組競賽為例說明並運用上述之合作機制 36 第三節 系統架構 42 壹、系統架構 42 貳、系統流程與會期流程 45 第四節 API說明 46 壹、ActiveObject類別 49 貳、Transaction類別 49 參、Activity類別 50 肆、Session類別 50 伍、Participant類別 51 第五節 系統架構總結 52 第四章 系統雛形實作 53 第一節 發展環境 53 第二節 網路架構 53 壹、客戶端設計 54 貳、伺服器端設計 55 參、訊息的定義與流程 56 第三節 系統畫面 59 壹、查詢與加入活動畫面 59 貳、教師執行活動畫面 60 參、會期選擇與使用者登錄名稱畫面 61 肆、會期進行畫面 62 第四節 雛形分析與評估 66 第五節 總結 67 第五章 結論與後續研究建議 68 第一節 結論 68 第二節 本研究之貢獻 69 第三節 後續研究與建議 70 參考文獻 72 英文部份 72 中文部份 79 附錄 80

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