

A Study of the E-Portfolio Management System Based on Service-Oriented Architecture and Multi-Agent Technology - For ...

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ABSTRACT

E-learning has become popular in recent years, but how to really attract students into the system and study the portfolio files realize, there are still considerable space for improvement. This study uses the Service Oriented Architecture and Agent Enterprise to design the system. Through this Service Oriented Architecture framework we can quickly add in the new agent system; use the Multi Agent System methodology can integrate the new designed Agent System. At last, we use the Web 2.0 concept to design the system interface to enhance the user collaboration. Besides, this system emphasizes the interactive user interface improved, and ex-tends the life of the whole system and the combination of increased system flexibility, can allow users to re-enter another e-learning a new experience and expectations. Be-cause of this study higher education as a research object, also can participate in the ac-tual process of teaching the students to design and surface design improvements, can be reached more closer to the real needs of the target users.

Keywords : e-Portfolio ; Service Oriented Architecture ; Multi Agent ; Agent Enterprise

Table of Contents

| | | | |
|-----------------------------|-----|-----------------------|-----|
| 中文摘要 | iii | 英文摘要 | iii |
| iv 誌謝辭 | v | 內容目錄 | v |
| vi 表目錄 | vii | 圖目錄 | vii |
| ix 第一章 緒論 | 1 | 第一節 研究背景 | 1 |
| 1 第二節 研究動機與目的 | 2 | 第三節 研究問題 | 2 |
| 4 第四節 研究限制 | 5 | 第五節 研究方法與步驟 | 5 |
| 6 第六節 論文架構 | 8 | 第二章 文獻探討 | 8 |
| 10 第一節 支援技術簡述 | 10 | 第二節 電子學習歷程檔案 | 10 |
| 11 第三節 服務導向架構與 Web Services | 15 | 第四節 Agent Enterprise | 15 |
| 18 第五節 Web 2.0 | 22 | 第三章 需求分析 | 22 |
| 24 第一節 使用者需求分析 | 24 | 第二節 系統需求分析 | 24 |
| 29 第三節 代理人分析 | 32 | 第四節 軟硬體需求 | 32 |
| 分析 | 33 | 第五節 系統目標分析 | 34 |
| 36 第一節 系統核心實作架構 | 36 | 第四章 系統核心設計 | 36 |
| 代理人設計 | 40 | 第二節 代 | 36 |
| 流程與呈現設計 | 50 | 第三節 權限設計 | 45 |
| 學習歷程管理系統架構實作 | 61 | 第四節 | 45 |
| 第二節 代理人系統實作 | 67 | 第五節 Web Services 安裝設計 | 57 |
| 第六章 結論 | 76 | 第一節 介面代理人實作 | 61 |
| 76 第二節 未來發展與建議 | 78 | 第三節 系統效能評估與比較 | 72 |
| 79 | 78 | 第一節 研究貢獻 | 78 |
| | | 參考文獻 | 78 |

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