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|  | 惠州学院  HUIZHOU UNIVERSITY |

毕 业 论 文（设 计）

**中文题目： 课室自动点名系统前台开发**

**英文题目： Automatic Attendance System**

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# 摘 要

**课室自动点名系统(已申请国家专利)是对目前学校的考勤实际情况而进行设计、开发的，目的是为了用一种智能的自动化的方式实现课室的考勤任务。利用PHP作为后台语言，ExtJS作为前台开发库以及MySQL数据库访问技术实现了基于B/S架构的应用系统。本系统运用ThinkPHP框架MVC结构开发，利用ThinkPHP本身特点进行模板分离，使模块之间的耦合性降低，减轻重新建立解决复杂问题方案的负担，增强了系统的可扩展性，便于进行内部的定制化。通过使用Linux、PHP、MySQL和Apache技术建设动态网站，充分发挥了LAMP结构所独有的易用性、跨平台性和安全性，从而构建了一个运行高效、安全可靠、适用性广的管理系统，实现了课室考勤信息的管理与交互，满足自动点名的需求。**

**论文首先简要介绍了课室自动点名系统的一些研究与应用背景，其次介绍了该系统所采用的开发工具、平台以及开发环境。在此基础上，论文详尽描述了课室自动点名系统前台(包括学生端和教室端)的设计与实现过程。**

**关键词：****PHP，MySQL，ThinkPHP，ExtJS，课室自动点名系统**

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# Abstract

**Automatic attendance system (has applied for the national patent applications) is about to solve school's attendance situation, which is developed with an intelligent, automated way to achieve the task of classroom attendance. PHP as a background language, ExtJS as front development libraries and MySQL database access technology based on B / S structure applications. The system uses development of ThinkPHP Framework MVC structure; using ThinkPHP characteristics of the template separation, to reduce the coupling between modules and reduce the burden of re-create solutions to complex problems program, enhanced system scalability, easy customization of the internal. Develop by Linux, PHP, MySQL and Apache to build dynamic websites can give full play to the ease of use by the LAMP structure, cross-platform and security to build a run-effective, safe, reliable, and wide applicability management system, as well as to meet the classroom attendance information's management and interaction and the demand for auto-named.**

**The thesis first introduces the research and application of background classrooms automatic naming system, followed by the introduction of the system development tools, platform and development environment. On this basis, the paper describes in detail the classrooms automatic naming system onstage including student-side and end of the classroom design and implementation process**

**Keywords: PHP, MySQL, ThinkPHP, ExtJS, Automatic Attendance System**

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