**摘 要**

随着信息技术的飞速发展，软件已成为人们生活必不可少的一部分，软件开发从线下也逐渐的走向线上，软件项目线上协同开发对项目有效管理、协同的需求显得尤为重要。现今，项目开发一直受到同学们的热捧，但是在校园软件开发过程中存在着团队不好组建、找不到适合项目需求的指导老师、任务分配问题而耽误项目进度等种种问题，通过建立基于项目管理流程的校园软件项目协同平台来为学生、老师服务，可以提高校园软件项目开发的效率。

本文应用Maven、Eclipse、Git集成开发环境实现了基于项目流程的协同开发平台，后台应用MySQL5.5对数据进行数据存储管理，并利用Navicat for MySQL可视化工具查看数据。本平台的主要功能包括以下几个方面：项目管理、审核管理、团队管理、任务管理、用户信息管理、登陆注册、新闻管理、数据库备份与恢复等。

该论文将详细阐述该平台的全部功能以及各种角色权限分配，并对该平台的可行性研究、需求分析、概要设计、详细设计、测试与部署进行介绍。该平台不具有特定项目指导教师指定特定任务的功能，因此在以后的开发维护中可以进行不断地完善。

调查和测试结果表明,该平台运行可靠,学生教师反应良好。

**关键词：**协同开发；项目管理；团队管理；任务管理；审核；

**ABSTRACT**

With the rapid development of information technology, software has become an indispensable part of people's lives, software development also gradually from the line to go online, online collaborative development of software project project management, collaborative demand is particularly important. Nowadays, project development has been the subject of the students in the campus of the Blitz, but in the process of software development there is a good team building, can not find suitable for the project needs the guidance of the teacher, the task assignment problem and delay the progress of the project and other problems, through the establishment of the project management process of software project based on the same campus association platform for students, teachers, can improve the efficiency of campus software development projects.

The application of Maven, Eclipse, Git integrated development environment to achieve the collaborative development platform based on project process, the background using MySQL5.5 data storage and management of data, and use Navicat for MySQL visualization tool to view the data. The main function of the platform includes the following aspects: project management, audit management, team management, task management, user information management, land registration, information management, database backup and recovery.

This paper will elaborate on all the functions of the platform and role permission assignment, and the feasibility of the platform, demand analysis, outline design, detailed design, testing and deployment are introduced. The platform does not have a specific project guidance teacher designated function specific tasks, so the development of future maintenance can be carried out continuously perfect.

The investigation and test results show that the platform is reliable and the students and teachers respond well.

**Key Words:** Collaborative development; project management; team management; task management; auditing;