论文搞起

妈蛋，又到这个时候了。

研究生论文

实习项目可以，但是肯定要拓展，要有技术含量和学术含量的吧。

InventoryManagement 系统前端用HTML/CSS/-Javascript/Jquery技术，后台用python flask框架构建系统; 减少出错，减少手动工作，自动化记录档案

找工作就中断了，但是：

检索上可以拓展，美化excel，定制excel可以做做

消息机制实现一下，邮件通知

来源：实习项目，公司内部需求

研究目的和意义：打造一个网上物资管理的平台，可以减少手动工作，多一些自动化和提高效率

研究现状和技术进展综述：

现状（要查）：工作流系统，物流管理跟踪，站内消息机制，flask框架，javascript以及jquery

主要技术路线：InventoryManagement 系统前端用HTML/CSS/-Javascript/Jquery技术，后台用python flask框架构建系统；站内消息用$$，邮件通知使用$$，excel导入导出使用插件$$，并且实现定制excel通过$$（$$即待填入）

研究思路和实现方法：各大官网，不停的学习试验

项目应用前景：实现物资管理的自动化，接入RFID

扮演角色和承担工作：独立完成，设计，开发，测试

论文的主要工作：

介绍InventoryManagement系统的设计和实现：是什么和怎么样创新地整合现有技术，使其具有实用价值；

三级大纲：

一：架构设计

二：详细模块设计

三：关键实现代码

当前进度：

项目：后期；

论文：中期

困难和问题，解决的措施：

1. 如何在论文中突出该项工作的创新性。巧妙的交互设计是创新之一，技术的整合利用是创新之二，所以在论文中特意多一节来讲述其创新之处
2. $$
3. $$

主要参考文献：

### <http://searchmanufacturingerp.techtarget.com/feature/Before-implementing-ERP-understand-its-many-components>：ERP software for product-oriented companies

While the below components are still core to ERP, they cater more to companies with specific needs, such as product-oriented companies.

***Supply chain***

An ERP system that encompasses not only the company's internal operations, but the operations of [supply chain](http://searchmanufacturingerp.techtarget.com/definition/supply-chain-management) business partners and suppliers in the production of goods from raw materials, inventory and supplies gives companies much-needed visibility into their manufacturing processes.

***Distribution/warehousing***

ERP distribution and warehousing systems employ automation that enables the company's customer-facing sales force to link customer quotes and orders directly into back-office [inventory management](http://searchmanufacturingerp.techtarget.com/definition/Inventory-management), fulfillment and accounting systems. This ensures that orders are filled in a timely manner. Many ERP distribution systems also include comprehensive[warehouse management](http://searchmanufacturingerp.techtarget.com/definition/warehouse-management-system-WMS) functions that ensure that inventory in warehouses is optimized to meet the company's supply chain requirements.

***Inventory***

An inventory management system optimizes inventory stocking and consumption and provides for both manual and automatic inventory forecasting. Companies can set order policies for individual parts and assemblies. The software also issues reports on inventory exception and potential oversupply conditions, and has the ability to track inventory across multiple locations.