南京大学本科生毕业论文（设计）中文摘要

毕业论文题目：eBay Friends项目服务端模块的设计与实现

软件学院院系软件工程专业09级本科生姓名：王子宁

指导教师（姓名、职称）：任桐炜 助理研究员

摘要：

随着社交网络的普及，企业对社交网络在企业产品的推广中的作用愈发重视。与此同时，更多的电商平台开始研究如何使用社交网络的交流分享功能为企业带来更多利润。eBay Friends项目就是为了帮助用户在购买商品之后可以迅速分享自己的购物乐趣，同时，用户也可以从自己的社交圈子中的好友那儿获得最新的最快捷的最准确的商品信息，从而促进用户的购买。

项目开发过程中使用的主要技术是android开发和python语言。其中前台使用的android开发，后台使用的是基于python语言的django框架，使用mongoDB作为数据库，使用mongoengine作为服务器和数据库的连接。django框架的服务器具有简洁方便的特点，MongoDB在处理快速读写方面的性能优异，mongoengine能够将MongoDB与django中的models模块很好的结合。

整个项目组针对了eBay Friends用户购买商品后，实名进入系统并分享购物乐趣的整个过程，完成的发送新鲜事、获取新鲜事和评论新鲜事的主要功能，同时提供了购买商品的功能。

在整个项目开发的过程中，本人主要负责后台服务端模块的开发。主要包括django服务器的搭建、服务器请求的处理和返回、数据库的连接和MongoDB的搭建。

本文就整个eBay Friends项目进行了全面的需求分析，设计和实现，详细的描述了项目的背景和最终结果，并从技术角度表现了项目的整个开发过程，为下一步的改进打下了基础。

关键词：eBay Friends项目，python语言，django框架，MongoDB

南京大学本科生毕业论文（设计）英文摘要

THESIS：The Design and Implementation of the Server Module in eBay Friends System

DEPARTMENT：Software Institute

SPECIALIZATION：Software Engineering

UNDERGRADUATE:Wang Zining

MENTOR:Ren Tongwei

ABSTRACT：

With the popularity of social networks, enterprises pay more and more attention to the role of social networks in promotion of products. At the same time, more and more electric business platforms start to research how to use the sharing function in social networks to bring more profits for the enterprise. EBay Friends system is designed to help users to quickly share their shopping pleasure after they purchase goods. Meanwhile, the users can also get the latest the fastest and the most accurate product information from their social circles, so as to promote the trade.

Mainly used technology in the project is the development of android and python language, including the android in client development and the django framework based on python language in server, using MongoDB as a database, using mongoengine as a server and a database connection with server. The django framework has the characteristics of concise and convenience. The MongoDB has an excellent performance of dealing with fast reading and writing. The mongoengine could combine the django and mongoDB perfectly.

The project is focused on sharing shopping pleasure after purchasing with real name in the system, mainly finish sending news, get news and comment on the news. Also, the system provides the function of buying goods.

Throughout the project development, I am mainly responsible for the development of the server module, including the configuration of django server, processing requests and returning responses and connection of server and database.

In this paper, it conducts a comprehensive requirement analysis, design and implementation of eBay Friends project, detailed describes the background and the end result of the project, and shows the entire project from the angle of technology development process, will lay a foundation for further improvement.

KEY WORDS: eBay Friends Project，python，django，MongoDB