**湖 北 大 学**

**本 科 毕 业 论 文 （设 计）**

**题 目 基于微信小程序的网上共享书城**

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**摘 要**

**随着我们国家的不断强大，人民的生活水平也不断提高，现阶段人们对于精神上的需求也愈发强烈，读书也成为我们生活中不可缺少的一部分，而在市面上有如微信读书、藏书馆、喜马拉雅听书等等各类app席卷我们的市场，也因此在我们这个大互联网时代人们的精神上得到了一定的需求，也正是出于此，各类商业模式化的书城也不断浮现，如与各类高校合作的公司开发的书城，如掌阅书城、当当网图书、书城网等各类网上资源不断呈现，不过这些真的能满足所有人的需求吗？有很多图书不能看，需要花钱购买，本来书籍是用来共享的，知识文化的交流也是用来共享的，在此种出发点上，共享书城的想法在我脑中浮现。**

**而今天我们生活在物联网和互联网的时代，资源的获取大多从网上获取，而许多信息的真实性又变得扑朔迷离，没有绝对的真理，但我们的生活也离不开信息数据，也离不开网络的支撑，全世界的人都在看书，也有绝大多数人在网上读书，所以构建良好的网上书城显得至关重要。通过微信者开发工具开发网上共享书城，从前端到后端部署，前端开发用webStorm,后端用java+mysql进行数据处理。整体上实现用户网上免费读书的一个需求。**

**本课题主要是基于微信小程序实现图书共享功能，主要致力于鼓励全名阅读、交友、写作于一体的类似于app的小程序，通过该程序，可以让更多的人了解到自己的文学功底，也可以提高自己的文学素养，与此同时，认识到更多喜欢读书的道友。在整个项目开发中，我做了一下工作。其一，对整个项目需求进行了详细分析，而后进行设计前端页面和数据库方面的东西，最后通过服务器端进行数据传输；其二，前端页面的开发，设计和美化页面；其三，进行后台代码的编写。这整套流程下来，基本上实现了用户图书资源的问题。而且用户可以自己编写书籍发表到社区供大家一起讨论，这样来享广大人民的知识，也可以一起讨论各类书籍，实现文化共享。**

**在此次项目开发过程中，遇到过很多问题，比如数据库如何大量存储书籍，网上书城共享书籍资源库放在哪里，由于自己个人开发在数据库方面不是很熟练，需要后期修改，但目前已经实现了基本的图书查询功能，也能够获取一些想要看的图书资源，各类朋友也可以通过微信登录体验相关功能，通过这一次自我训练，在本科阶段开发出自己喜欢的一个小程序，对我个人是一次成长，也对我以后的开发生涯有一定的帮助，我也希望各类社会人士能够与我同心协力打造网上共享书城，让更多的有志之士能够获取自己想要的一份资源，提高我们全国的整体文化素质还有知识储备，构建更加美好的网上共享书城。**

【关键字】网上共享书城，微信小程序，Java，MySQL

Abstract

As our country continues to grow stronger and people’s living standards continue to improve, people’s spiritual needs are becoming stronger at this stage. Reading has become an indispensable part of our lives. It is like WeChat reading and library in the market. , Himalaya Listening to Books and other apps have swept our market, and as a result, people’s spirits in this era of the Internet have received a certain demand. It is precisely because of this that various bookstores with business models are constantly emerging. For example, bookstores developed by companies cooperating with various universities, such as Palm Reading Bookstore, Dangdang Books, Bookstore.com, and other online resources continue to show up, but can these really satisfy everyone's needs? There are many books that I cannot read and need to spend money to buy. Originally, books are for sharing, and the exchange of knowledge and culture is also for sharing. From this starting point, the idea of sharing a bookstore emerged in my mind.

**Today, we are living in the era of the Internet of Things and the Internet. Most of the resources are obtained from the Internet, and the authenticity of many information has become confusing. There is no absolute truth, but our lives cannot be separated from information and data. With the support of the Internet, people all over the world are reading books, and the vast majority of people are reading on the Internet, so it is very important to build a good online bookstore. The online shared bookstore is developed through the WeChat developer tool, from front-end to back-end deployment, webStorm is used for front-end development, and java+mysql is used for data processing on the back-end. As a whole, a demand for users to read online for free is realized.**

This topic is mainly based on the WeChat applet to realize the book sharing function. It is mainly dedicated to the app-like applet that encourages full name reading, making friends, and writing. Through this program, more people can understand their literary skills , You can also improve your literary literacy, and at the same time, get to know more Taoists who like to read. In the whole project development, I did some work. First, the entire project requirements are analyzed in detail, and then the front-end page and database are designed, and finally the data is transmitted through the server side; the second is the development, design and beautification of the front-end page; the third is the back-end code Preparation. This whole set of procedures basically realized the problem of user book resources. And users can write their own books and publish them in the community for everyone to discuss together, so that they can enjoy the knowledge of the people, and they can also discuss various books together to achieve cultural sharing.

During the development of this project, I encountered many problems, such as how to store a large number of books in the database, where is the shared book resource library of the online bookstore, because my own personal development is not very proficient in the database, I need to modify it later, but it has been implemented. With the basic book query function, you can also get some book resources you want to read. All kinds of friends can also log in through WeChat to experience related functions. Through this self-training, I developed a small program I like at the undergraduate level. It is a personal growth, and it will help me to a certain extent in my future development career. I also hope that all kinds of social people can work together with me to build an online shared bookstore, so that more people with lofty ideals can get the resources they want. , Improve our country’s overall cultural quality and knowledge reserves, and build a better online shared book city.

**[Keywords] :**Online Bookstore, WeChat Mini Program, Java, MySQL

目录

[绪论 1](#_Toc20937)

1

[1.1 研究目的及意义 1](#_Toc27862)

[1.2 国内外研究现状 1](#_Toc21745)

[1.3 论文组织结构 2](#_Toc20235)

[2 相关理论与技术 3](#_Toc28398)

[2.1\*\*\*\*\*\*\* 3](#_Toc13411)

[2.2 \*\*\*\*\*\* 3](#_Toc17813)

[2.3 \*\*\*\*\*\* 3](#_Toc14971)

[2.4 \*\*\*\*\*\* 4](#_Toc15047)

[3 系统需求分析 6](#_Toc19122)

[3.1 系统功能需求 6](#_Toc28295)

[3.2 系统性能需求 7](#_Toc13717)

[3.3 可行性分析 7](#_Toc10826)

[4 系统设计 9](#_Toc26914)

[4.1 系统框架设计 9](#_Toc22433)

[4.2 系统逻辑结构设计 1](#_Toc17723)0

[4.3系统功能结构设计 1](#_Toc25245)0

[4.4 系统数据库设计 11](#_Toc31486)

[5 系统实现 18](#_Toc16243)

[5.1 开发环境搭建 18](#_Toc26834)

[5.2前端功能模块实现 19](#_Toc15547)

[5.3后台功能模块实现 31](#_Toc511)

[6 展望与总结 3](#_Toc5280)9

[6.1总结 39](#_Toc30032)

[6.2 展望 3](#_Toc2461)9

[7 参考文献 4](#_Toc2461)0