
基于 iOS 平台新闻杂志的设计与开发

摘 要

由于移动互联网的爆发式增长加上国内 5G 即将普及。移动智能终端已成为当代人们必不可少的必需品。绝大多数人从多年前纸质新闻杂志，转变为移动端获取信息，更具有高时效，更快捷，更准确的特性。现在移动端新闻类 App 已成为一家杂志/新闻媒体门户必备应用。iOS 系统是苹果为移动设备（iphone，iWatch，ipad，ipod）开发的移动操作系统，iOS13 之后，ipad 已从 iOS 系统中独立，单独抽离为 iPadOS，所有当前 iOS 系统主流支持设备为 iPhone。iOS 是继 Android 后全球第二大最受欢迎的移动操作系统，截止 2020 年六月市占率已上升至 25.26%。苹果公司的 App Store 已提供超过百万个 iOS 应用程序，这些移动应用程序的下载总量已超过 1,300 亿次。源于现在流行的应用项目。旨在提供给用户一个查看，评论，分享，互动的新闻杂志类客户端。

目前已完成成立基本的编码和测试工作，实现新闻浏览，热门视频播放，评论，收藏，关注，注册登录功能。助力新闻事件爆发式流通，大大降低了人们从传统媒体获取新闻资讯的成本。在本客户端中，简洁的 iOS 交互设计界面、便捷的使用方法、舒适的阅读体验是设计重点。

关键词：iOS；MVC；Objective-C；Swift

ABSTRACT

Due to the explosive growth of mobile Internet and the imminent popularity of domestic 5G. Mobile smart terminals have become an indispensable necessity for contemporary people. The vast majority of people have transformed from paper-based news magazines years ago to mobile terminals to obtain information, which is more time-efficient, faster and more accurate. Now mobile news apps have become a must-have app for magazines/news media portals. The iOS system is a mobile operating system developed by Apple for mobile devices (iphone, iWatch, ipad, ipod). After iOS13, ipad has been separated from the iOS system and separated as iPadOS. All current iOS system mainstream support devices are the iPhone. iOS is the world's second most popular mobile operating system after Android. As of June 2020, its market share has risen to 25.26%. Apple's App Store has provided more than one million iOS applications, and the total number of downloads of these mobile applications has exceeded 130 billion times. Originated from popular application projects. It aims to provide users with a news and magazine client for viewing, commenting, sharing, and interaction.

At present, the basic coding and testing of the establishment have been completed, and the functions of news browsing, popular video playback, comments, collection, attention, registration and login have been realized. Helping the explosive circulation of news events greatly reduces the cost of people obtaining news information from traditional media. In this client, the concise iOS interactive design interface, convenient use method, and comfortable reading experience are the key points of the design.

Keywords:iOS;MVC;Objective-C;Swift

目 录

前言	1
1 iOS 技术的现状与发展	2
1.1 iOS 系统简介	2
1.2 Objective-C 简介	2
1.3 Swift 的未来	3
2 iOS 基础设计模式以及当前主流设计模式	5
2.1 MVC 设计模式	5
2.1.1 MVC 模式的问题	5
2.2 MVP	5
2.3 MVVM	6
3 系统的开发环境	8
3.1 Xcode 介绍	8
3.2 模拟器	8
3.3 Instruments 介绍	9
3.4 Objective-C、SQLite 以及 SQL 的通信	9
3.5 SQLite 上层封装库 Fmdb	12
3.6 CocoaPods 使用与维护	12
3.7 本章小结	13
4 系统需求分析与概要设计	14
4.1 系统业务流程图分析与设计	14
4.2 系统数据流程图分析与设计	15
4.3 系统功能结构分析与设计	15
4.4 数据库概念模型设计	16
4.4.1 用户信息表	17
4.4.2 新闻分类表	17
4.4.3 新闻信息流标表	18
4.4.4 用户收藏列表	18
4.5 定义数据流	19
4.5.1 首页新闻分类列表	19
4.5.2 首页新闻 List 列表流数据	20

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。

如要下载或阅读全文，请访问：

<https://d.book118.com/138016063070006100>