

摘 要

随着当今社会对于教育的越加重视，国内学习者对于英语学习的重视程度日益递增。一款优秀的满足国内广大学习者对于英语学习的需求的英语学习软件，是当今市场迫切需要的，同时也是国内众多的英语学习者迫切需要的。对于目前市面上存在着的大量的英语学习的手机软件，电脑网站等，其自身都或多或少的存在着各式各样的不够完善，不够贴切，以及不够正确的地方。为弥补现存的软件，应用和网站存在的缺陷，优化其所存在的问题。奇异单词应运而生。

本软件旨在为英语学习者提供更好更高效的英语单词学习软件，通过对遗忘曲线的分析和研究，通过用户的学习及对其的识别记忆情况进行统计，进而区别的进行复习，以达到针对自己容易忘记的单词进行深刻的记忆的目的，从而从自己熟知的单词上面节省出不必要的精力和时间花费。

本软件采用基于浏览器的 B/S 架构设计，此模式具有不受用户使用终端的平台限制，开发一套系统即可在多个平台使用，易于维护等优点。更广泛的适应用户对本软件的使用。此模式通过浏览器链接互联网即可访问并操作本软件。而本软件面向广大学习者，则理应具备广泛的适用性。系统实现的方式上，本系统采用当下主流的前后端分离方式，前端采用 Vue.js，ElementUI 及其它相配套的插件进行搭建，后台使用 Springboot，Mybatis，Mysql 进行搭建和实现，使用 Axios 传送 JSON 数据进行前后端数据交互。

关键词：单词记忆；遗忘曲线；奇异单词系统；Vue；Springboot

Abstract

With the increasing emphasis on education in today's society, domestic learners pay more and more attention to English learning. An excellent English learning software to meet the needs of the majority of domestic learners for English learning, is an urgent need of the market, but also an urgent need of the majority of English learners. At present, there are a lot of mobile phone software and computer websites for English learning in the market, which are more or less imperfect, inappropriate and incorrect. In order to make up for the defects of the existing software and website and correct the existing problems. Strange words came into being.

The purpose of this software is to provide better and more efficient English word learning software for English learners. Through the analysis and research of forgetting curve, through the learning of users and the statistics of their recognition and memory, and then review them differently, so as to achieve the purpose of deep memory for the words that are easy to forget, so as to save unnecessary from the words that they are familiar with The energy and time required.

The software is designed with browser based B / S architecture. This mode is not limited by the user's use of the terminal platform. Developing a system can be used in multiple platforms, easy to maintain and so on. More widely adapt to the user's use of the software. In this mode, you can access and operate the software by linking the browser to the Internet. However, this software should be widely applicable to the majority of learners. In terms of system implementation, the front-end is built by Vue, ElementUI and other plug-ins, the back-end is built by Springboot, Mybatis and MYSQL, and the front-end and back-end data are exchanged by using Axios to transmit JSON data.

Key Words: Word memory; Forgetting curve; Strange word system; Vue; Springboot

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