

# Student Document Management System

SDMS

## Research Aims

The research purpose of this project is to integrate the document management system and format conversion system, extract the advantages of the current document management, and add the function of document conversion and online preview. This is a unique function developed for students.

## Methodology

**Use Node's ORM framework Sequelize to operate the database, so all read and write are JavaScript objects.**

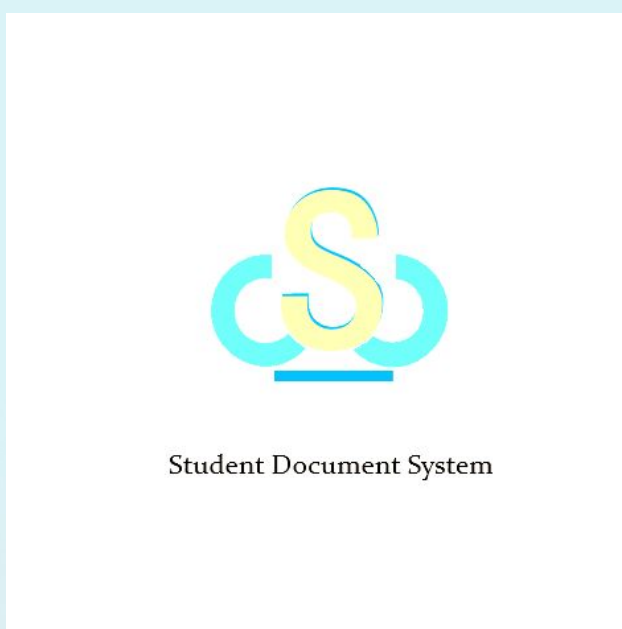
**Sequelize helps us turn objects into rows in the database.**

**Call cors middleware to handle cross-domain.**

**Call multer middleware to handle file upload requests.**

**Call LibreOffice to achieve document format conversion.**

**Use vue-pdf to realize pdf online preview.**



2. A perfect program needs continuous improvement. At present, the program also includes online preview, file sharing, unlimited file upload size, pictures can be automatically converted to PDF, email verification for registration, verification code for login, and file name search.

## Introduction

1. This project is an online web document management system. Designed and improved for serving students. This project can open the web page to upload and download the required documents at any time, and the user login and registration are protected by MD5 encryption. The functions for students such as word can be viewed online after uploaded to the management system. If you print in the library to prevent typographical errors after downloading the document, you can directly select the word document conversion format to download to PDF, so that the document does not risk the typographical error.

## Conclusion

In general, there are many different document storage systems and different document conversion web pages on the web. The client target of this project is only students, and the results of the current completion are still very useful to see this project. In the future, more students will be required to make better suggestions and improve this project.

## Reference

