

Software Requirements Specification

Use Cases

See Use Case Suite

Functional Requirements

See Feature Set

Non-functional Requirements

What are the usability requirements?

The user interface should be as familiar as possible to users who have used other web applications and Windows applications (like Windows Explorer to manage articles, like Microsoft Office to create, edit articles...)

What are the reliability and up-time requirements?

Depend on Heroku web server, but expect for 99% up-time.

What are the safety requirements?

None. This project is an assignment of Software Engineering, we do not expect to provide it widely.

What are the security requirements?

Access will be controlled with usernames and passwords. Only administrator users will have access to administrative functions. Only teacher-type users will have access to teacher's functions, students will not.

Detail

- Passwords must be 6-20 characters long
- We will not use encrypted communications (SSL) for this application

Environmental Requirements

Hardware requirements

- Any computer with Internet connection

Software Requirements

- OS: Windows XP or above/equivalent
- Web browsers support JRE, Flash...: IE, Firefox, Chrome, Safari, Opera...

What are the data import and export requirements?

- The system will store all data in a SQLite database, where it can be accessed by other programs.