Supplementary Specification

# Functionality

* **Login**: user login the system using username and password.
* **Logout**: user logout of the system.
* **Search for book**: logged in user or guest can search for book.
* **View book details**: user or guest click in each book on the search result list to view detailed book information.

# Usability

All the functionalities of the system need to be easy to operate. The system need to notify users when they did the wrong operation. The cause of the error and how to fix it should be display in the notification.

# Reliability

The system must be available 100% for users because of the importance of data; the damages can happen by incorrect or incomplete data.

The system shall be operational 24 hours a day and 7 days a week.

If the system fails, the system will be recovered back up within an hour or less.

# Performance

* **Response time**: The software shall respond to the user in not less than two seconds from the time of the request submittal. The software shall be allowed to take more time when doing large processing jobs. Responses to view information shall take no longer than 3 seconds to appear on the screen.
* **Scalability**: the course registration system shall be capable of supporting at least 1,000 users when implemented into a suitable production environment.