Documentation Guidelines

Goal: Build an integrated software that has 3 main functions --- a course registration system, a course delivery system and a library management system.

The software is a web app developed in JavaScript.

To make the software good and easy to use, it has a relational Database with student ID as a key factor in normalization.

The software provides a universal login (user can simultaneously use all three functions without repeat logins) as well as safety precautions.

The software is aiming for 3 types of users --- Admin (has control over/can edit all 3 functions), Manager (has control in/can edit a single function), Subscribers (normal users of the functions, cannot edit).

Specification of functions and expected user actions

Course Registration

Subscriber: Add course before due date

Drop course before due date

Search for a course

Show list of courses

See course syllabus (if available)

Manager: All of above

Upload syllabus for a course

Add/drop student from a course

Admin: All of above

Course Delivery

Subscriber: See my grade (if available)

Take a quiz (if available)

Upload to dropbox

See news

See content

Manager: All of above

Upload news

Upload grade

Upload quiz

Create groups

Upload and retrieve from dropbox

Upload content (with different types)

Admin: All of above

Library Management:

Subscriber: Search book

Borrow book

Return book

Receive notice (if available)

Manager: All of above

Add new book

See borrower record

Issue a notice to a student

Set book on “hold” status for a course (only student registered for the course can borrow)

Admin: All of above

Implemented Structure

**Database**

**Library**

**Register**

**Deliver**

**Login**

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