Very High-level User Story:

As a professor, I need to upload my syllabus to this website so that it can be accessible for all of students.

As a professor or student, I need an account so that I can use this website.

As a professor or student, I want my account safe so that other people cannot log in with my account.

As a user(no matter log in or not), I want to search for documents on this website so that I can find them.

As a user(no matter log in or not), I want to see the basic information in the documents I search before I decide to download them.

As a professor or student, I want to rate those document and comment on them so that I can share my opinion and experience with others.

As a professor or student, I want this system to remind my password via email once I forget it.

As a professor or student, I want all my information to be safe so that any other people or organizations cannot access them without permission.

Yield very high-level requirements(They are also our milestones--main tasks):

FR001:The website shall have a homepage that lists the purpose of the organization

FR002:The website must have a login page so that the registered users can fully access the website

FR003:The website must have a sign-up page so that new members can register to the website and can fully access it

FR004:The website must have forgot password functionality so that a user can retrieve their password using their email in case they forget it

FR005:The website must have email verification for the users who are registering on the website just to make sure that we have valid users

FR006:The website must have have a comment system for registered users to comment on uploaded syllabus.

FR007:The website must have a search functionality for users to search for a specific syllabus through a combination of university, class number or professor.

FR008:The website must allow registered users to upload syllabus as a pdf file. The website then should parse the information and showcase only the relevant information to the public.

FR009:The website should not allow users without a college email id to register.

From those high-level requirements, we can go further and do detailed sub-requirements:
1.   Login page:

As a user, I want to input my username and password so that I can log in this website.

As a user, I want the website to remind me of my password in case I forget it.

As a user, I want the website to raise/bubble up the problem when I input the wrong information.

Convert User-story to requirements:

<1>The website must give 2 input fields for users to input their information. One is for "username", and the other is for "password".

<2>The website must tell the users which input is invalid input.

<3>The website should have the "Forget the password" link to redirect users to another page in order to find the password.

<4>The website should have the submit button

2. Sign-up page:

As a user, I want to input my basic information to complete the registration process.

Convert User-story to requirements:

<1>The website must give 8 input fields for users to input their information. Specifically, they are "First Name", "Last Name", "Username", "Email ID", "Re-type Email ID", "Password", "Re-type Password" and "University". They are all mandatory.

<2>The website should give a checkbox for users to identify: "Yes, I am a professor". Checking means he/she is a professor.

<3>The website should have the submit button.

3. Home page:

As a user, I want to search on Homepage so that I can input the name or some keywords to find the document I want.

As a non-registered user, I need a way to sign up so that I can enjoy all the functionalities.

As a student, I want to minimize the scope of my document searching because I don't care the syllabus given by other universities.

As a student, I want to see the result of my searching immediately so that I can choose what I need.

As a user, I want to see my own account online on this page so that when I click on it, the website will open my profile dashboard.

As a user, I want to see some important information extracted from the documents so that I don't need to download it and read through.

As a user, I want to make some comments on a document so that I

can express my opinion towards it.

Convert User-story to requirements:
<1>The website must have a field for searching at the top of the page.
<2>The website should include 3 drop-down menus beside the searching field. All of them limit the scope of searching, and they are: Primary Field, Secondary Field, University.
<3>The website must have a submit button following those 3 drop-down menus.
<4>The website should include anchor-text on the top-right of page. If the visitor is a registered user, this page should give 2 anchor-text: LOGOUT and Profile. Otherwise, it should give an anchor-text as "Sign up now!" Anchor-text must redirect the visitor to a specific page.
<5>The website must show a list of items as the result of searching. Each item should be clickable and should open a new tab once clicked.
<6>The new tab must show information extracted from a document and the information should include: title of the course, textbook needed, and course description.
<7>The new tab must give a div below the content of document and the div should include: comment input field, "Thumb Up" and "Thumb Down" button.
<8>The new tab must give a "Post" button for users to post comments.

4. Profile Dashboard:

As a user, I want to see my basic information when I get into my Profile Dashboard page.

As a user, I want to edit my profile so that I can update my current personal information.

As a professor, I want to upload some documents to this website so that I can share them with my students.

As a professor, I want to know the names and date of the documents I have uploaded previously so that I make sure what to be updated and uploaded.

As a user, I want a way to change my password in order to make it

safe.

As a user, I want to have a way to go back to homepage so that I can do my stuff.

Convert User-story to requirements:

<1>The website must show basic user information, including: Name, Email, University and "IsProfessor" which gives "Yes" if visitor is a professor, "No" otherwise.

<2>The website should give a EDIT button below user information. Only after being clicked, information edit is permitted and it gives a SAVE button instead.

<3>The website should give a Change-Password button below EDIT button. Once clicked, it gives a new tab, by which a user can change the password.

<4>The website should give a field for user below Change-Password to input path of documents and give a UPLOAD button as well.

<5>The website must show a list of items about the documents uploaded before by this user. Each item represents one document and shows the title of it.

<6>The website must give anchor-text as "back to HomePage" at the top of page. It redirects visitor to homepage.

<7>New tab created by Change-Password must give 3 input fields and they are: Old Password, New Password, re-input New Password. They are all mandatory and the password changing is permitted only if the old password is valid.

<8>New tab must give a submit button below those input fields