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2.e.
2.e.i.
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3.
3.a.
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4.a.
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4.b.vii.
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4.c.
4.c.i.
4.c.ii.
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4.c.iv.
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4.d.
4.d.i.
4.d.ii.
4.d.iii.

4.d.iv.

4.e.

4.e.i.

5.

5.a.

5.a.i.

5.a.ii.

5.b.

5.b.i.

5.b.ii.

5.b.iii.

5.c.

5.c.i.

5.c.ii.

5.c.iii.

5.c.iv.

5.d.

5.d.i.

5.d.ii.

5.d.iii.

5.d.iv.

6.

6.a.

6.a.i.

6.a.ii.

6.b.

6.b.i.

7.

7.a.

7.a.i.

7.a.ii.

7.a.iii.

7.a.iv.

7.b.

7.b.i.

7.b.ii.

7.b.iii.

7.b.iv.

7.b.v.

7.c.

7.c.i.

7.c.ii.

7.c.iii.

7.c.iv.

7.d.

7.d.i.
7.d.i.1.
7.d.i.2.
7.d.ii.
7.d.ii.1.
7.d.ii.2.
7.d.ii.3.
7.d.iii.
7.d.iii.1.
7.d.iv.
7.d.iv.1.

Test	
Show evidence of credible actions to finish by the due date {total 10 points + 10 bonus points}	
Authentication method: {total 10 points}	
Local authentication which uses email and password as credentials. {4 points}	
Login page/area shows text entry fields for email and password.	
Entering an existing email and correct password shows successful login.	
Entering an email that is not known shows login was unsuccessful .	
Entering an incorrect password shows login was unsuccessful.	
A mechanism is provided to update the password for an authenticated user.	
Login page/area shows a UI control for new account creation (NAC).	
Selecting NAC shows text entry fields for user name, email and password.	
During NAC, entering an email that associated with existing account gives an error	
External authentication mechanism. {2 points}	
Login page/area shows a mechanism to login via a 3rd party	
Using this mechanism directs the user to the 3rd party login page	
Successfully authenticating with 3rd party is accepted as a valid login	
Input validation for email (proper format). {1 points}	
Leaving the email field empty prompts the user to enter an email.	
Leaving password field empty prompts user to enter a password	
Invalid email address prompts user to enter a valid email	
Verification of email for a new account. {2 points}	
The user is instructed to click on the link to verify email	
User is either shown text or receives the email containing the link	
Clicking on the link shows a page that says email is validated	
If a user tries to log in without validating email, user is informed that the email has not been verified and give	
Deactivated accounts. {1 points}	
Logging in is disabled for accounts marked as “deactivated”.	
A message is shown to contact the administrator when attempting to log in.	
Limited functionality for unauthenticated users: {total 25 points}	
Start page showing application name, a short “about” blurb that says what the site offers, and login button. {2	
Start page shows application name	
Start page shows a description of what the application does	
Start page shows a login button or a link	
Interface for searching courses. {8 points}	
One or more mechanisms to enter all search terms and trigger the search.	
Display required data for search results of each matching course, one per line.	
Expand each search result to view the remaining information. {2 points}	
Mechanism to view all information of a search result, including any reviews and the user name of the review	
Summary information for other results remains visible.	
Ability to search courses based on keywords {4 points}	
A mechanism to enter a single search keyword that is 4 characters or more.	
All courses that match the given keyword in specified fields are displayed.	
Tests 3.c.i and 3.c.ii pass.	
Keywords are soft-matched {2 points}	
Keywords are matched regardless of capitalization.	

Keywords are matched regardless of white-space.

Keywords are matched even when up to two characters are missing or different

List of public course lists (up to 10) {3 points}

Start page shows up to 10 public course lists created by other users.

Name, creator's user name and number of courses are shown for each list.

Creator's email is not shown anywhere on the application.

Course list is ordered by the last-modified date.

All aspects of a course list are not editable.

Ability to expand each public course list. {1 points}

Mechanism to expand information shown for each displayed course list.

Additional information including description and courses are shown.

Mechanism to reset the display back to what is shown in 3.f.ii.

Race conditions such as modification, deletion and visibility changes after the list is displayed, but before the

Ability to retrieve and display the timetable data of a public course list. {3 points}

Mechanism to show the timetable data for each course in the list.

Mechanism to reset the display back to what is shown in 3.f.ii.

Race conditions indicated in 3.g.iv are handled gracefully.

Additional functionality for authenticated users: {total 25 points}

Create up to 20 named lists of courses. {10 points}

Mechanism to create a new list with a given name.

Mechanism to add an optional description.

Mechanism to set the visibility to public.

Visibility indicator is not set to public when creating a new list.

Mechanism to save the newly created list.

Upon saving, the new list appears on the course lists created by the user.

Edit all aspects of an existing course list. {4 points}

Mechanism to show names of course lists created by the user.

Mechanism to select a course list for editing.

Ability to edit all aspects of a course list and save the changes.

Ability to add or remove courses from the course list.

Not able to add a course that doesn't exist.

Saved changes appear on all applicable views (summary vs detailed) of the list.

Updated date is changed to the time of saving the modified information.

If the list is public, then sort order in 3.f.iv reflects the new modification time.

A user is not able to view or edit any aspect of a course list that the user does not own even by crafting a requ

Delete a course list.{3 points}

A mechanism to select a course list for deletion.

A mechanism to ask for confirmation before deleting a list.

Upon confirmation, the course is deleted and the change is immediately reflected.

If the confirmation is declined, the course list is not deleted.

A user is not able to delete a course list in a way similar to 4.b.ix.

Add a review to a course. {6 points}

Mechanism to select a course based on course ID for adding a review.

Mechanism to enter a review for the selected course.

Mechanism to save the review upon confirmation.

User name and the creation date of the review are saved along with the review.	
Enforce all required attributes when creating or editing a course list. {2 points}	
Creating or updating a course list fails if a required attribute is missing or invalid.	
Administrator functionality related to site maintenance: {total 10 points}	
Special user with administrator access: {4 points}	
One specific username is designated as “administrator” (admin).	
An initial password for the admin is set and can never log in without a password.	
Ability to grant admin privilege to one or more existing users: {2 points}	
A mechanism to grant admin privilege to any user-created account.	
When admin logs in, an indication of having SM privilege is always visible.	
A normal user is not able to grant admin privilege to any user	
Ability to mark a review as hidden. {2 points}	
Admin is able to select any review and set the visibility to “hidden”.	
A review with visibility set to “hidden” is not shown anywhere on the site.	
Admin is able to remove “hidden” status of a review.	
A review with visibility status restored to default value is shown during subsequent views of the site.	
Ability to mark a user as “deactivated”. {2 points}	
Admin is able to mark any user account as “deactivated”.	
When a user tries to log in to an account that is marked as “deactivated”, login always fails with a message ir	
Admin is able to remove the “deactivated” mark from any account.	
A user is able to log in to an account with the “deactivated” mark removed and perform all activities in test 3.	
Web service API: {total 10 points}	
Revise the API developed for lab 3 as necessary to provide required functionality. {5 points}	
The ReST API developed in lab 3 is used.	
The ReST API developed in lab 3 is extended/revised as needed.	
Build your application using this API. {5 points}	
Application is built using a REST API.	
Administrator functionality related to copyright enforcement: {total 10 points}	
Create a security and privacy policy that is publicly accessible. {2 points}	
A mechanism is provided for the SM to create the security and privacy policy.	
SM is able to update the security and privacy policy.	
A link that displays the privacy and security policy is provided.	
The above link is visible for both authenticated and unauthenticated users.	
Create a DMCA notice & takedown policy that is publicly accessible. {2 points}	
SM is able to create the DMCA notice & takedown policy.	
SM is able to update the DMCA notice & takedown policy.	
A link that displays the DMCA notice & takedown policy is provided.	
Contact information for sending any notices of infringement is provided.	
The above link is visible for both authenticated and unauthenticated users.	
Create an “acceptable use policy” (AUP) that is publicly accessible. {2 points}	
A mechanism is provided for the SM to create the AUP.	
SM is able to update the AUP policy.	
A link that displays the AUP is provided	
The above link is visible for both authenticated and unauthenticated users	
Provide a DMCA takedown procedure and tools for the site administrator: {total 4 points}	

Document to describe the workflow and usage of tools. {1 point}

A document that describes the workflow for implementing DMCA notice & takedown policy is provided for the

This document contains the instructions for using the tools provided for implementing the DMCA notice & tak

Tools to log requests, notices, and disputes. {1 point}

A mechanism is provided to record any takedown request that is received along with the date and the review t

A mechanism is provided to record any infringement notices that are sent along with the date and the review

A mechanism is provided to record any dispute claims that are received along with the date and the review th

Tools to disable display of reviews with alleged copyright violations. {1 point}

Test items 5.c.i and 5.c.ii are successful.

Tools to restore any contested content. {1 point}

Test items 5.c.iii and 5.c.iv are successful.

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Total	80
Name:	Lucas Moncada
Commit ID:	5e94ac6

Please do not modify any protected cell.

Enter 'x' if a test passes on gray cells.

Leave blank if a test doesn't pass.

If all tests pass, enter the marks indicated

If all tests do not pass, leave the yellow hi

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