**EQ301 Exercise**

This exercise is a learning exercise and is typically completed as a group exercise. Each user is expected to produce an institution.

Configure an EQUELLA institution so that three departments can store their subject material. The departments require that only content contributed by their staff is visible to their students and that students have a range of methods for finding subject materials.

The departments are Education, Engineering and Wellbeing and the associated subjects are:

* Education
  + Early Childhood Development
  + Socialisation
* Engineering
  + Materials and Sciences
  + Dynamics
  + Embedded Systems
* Wellbeing
  + Sport Science
  + Sport Psychology

The institution policy is to record at least one outside expert that is cited in the resource at contribution. The list of experts is:

* Wellbeing
  + Steve Dank
  + Lance Armstrong
* Engineering
  + Jim Williams
  + M.S. Gregory
  + J. Meriam
* Education
  + Mrs Band
  + D. Shore
  + Edwin Chugg

Create the listed departmental users to use while developing your institution:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Group** | **Faculty role** | **EQUELLA Role** |
| <Your Name> | <your username> |  | Moderator | Administrator |
| George Kotsanos | gkotsanos | Education | Teacher | Contributor |
| Christopher Rowe | crowe | Education | Student | Viewer |
| Arjuna Bett | abett | Education | Student | Viewer |
| Steve Condon | scondon | Wellbeing | Student | Viewer |
| Daniel Jones | djones | Wellbeing | Teacher | Contributor |
| Felicity Lawson | flawson | Engineering | Student | Viewer |
| Marcus Tennison | mtennison | Engineering | Teacher | Contributor |

1. You are to create a schema and collection to store the content.
   1. The resource metadata should store information about the resource: title, description, keywords, department, learning type (tutorial, practical, guided exercise, quiz), intended audience (Cert I, Cert II, Cert III, Cert IV, Diploma) and Expert (From predefined list for the appropriate department).
   2. Create a taxonomy to use for selecting the intended audience.
   3. The content can only be: Files, URLs or video.
   4. The Experts’ names MUST be spelt correctly.
   5. Students who are in a specific department should not be able to see attachments and links from other departments.
   6. Teachers can see resources across all faculties.
2. You should create a workflow that operates on the resource collection, only resources that has been submitted to the Wellbeing department will need to be checked.
   1. If the resource does not belong to this faculty then it should pass through the workflow without intervention and go live.
3. You should create an advanced search that enables users to search for resources based on the intended audience. This should enable users to easily find content.
4. Display the department and subject in the search results and resource summary.
5. Create two browse hierarchies so that users can browse resources by subject or by expert. Remember that students should only see resources contributed by their department.
6. Create a dynamic collection that only provides Engineering resources.
7. Check it all works correctly.

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