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Database

Moodle Help Materials

Compiled by the Academic Solutions Team
academicsolutions@gre.ac.uk

VERSION	DATE	DETAILS	AUTHOR	AUTHORISED BY
t1.0	17/05/13	Initial Upload	GH	DC



Creating a Database event

The database activity module allows the teacher and/or students to build, display and search a bank of record entries about any conceivable topic. The format and structure of these entries can be almost unlimited, including images, files, URLs, numbers and text amongst other things

You could use the database module to to:

- allow collaboration on building a collection of web links/books/journal references related to a particular subject
- display student created photos/posters/websites/poems for peer comment and review
- gather comments and votes on a shortlist of potential logos/mascot names/project ideas
- provide a student file storage area
- maintain a log of what was done in a face-to-face class each day, so that absent students can get caught up themselves.

Example

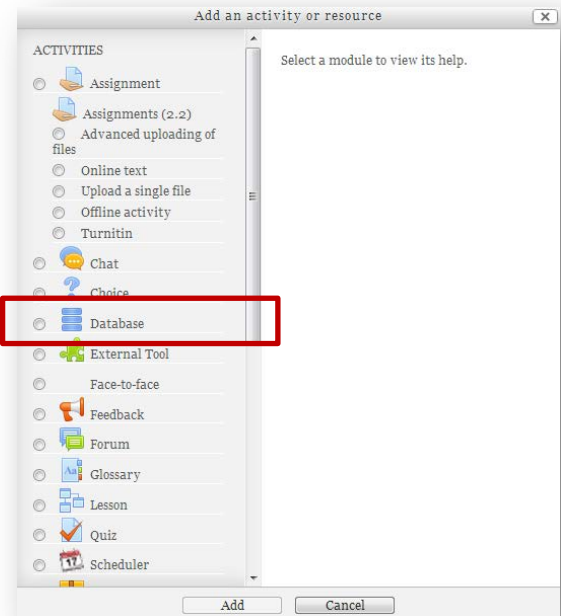


Figure 1

Add the name of your event here

Add the description of your event here

As you can see in the image on the right (fig. 3), there are additional optional parameters that you can set for this even. These parameters are explained in detail on the next page

General

Name*

Introduction*

Path: p

Display description on course page

Available from 17 May 2013 Enable

Available to 17 May 2013 Enable

Read only from 17 May 2013 Enable

Read only to 17 May 2013 Enable

Required entries

Entries required before viewing

Maximum entries

Comments

Require approval?

Figure 2



Read only from/to

The dates the database is available for viewing, but not open for data entry. The "available from/to" settings override the "read only from/to" settings. So if a database has "read only from" 1 January, and "available from" 1 February, students will not be able to view its content during January.

Display description on course page

If enabled, the introduction / description above will be displayed on the course page just below the link to the activity / resource.

Available from/to

The dates the database is visible to students. The database will also be open for data entry, provided we are not within the date range specified by the "read only from/to" settings.

Required entries

The number of entries each student is required to enter before the database activity can be considered complete. The student will see a reminder message if s/he has not submitted the required number of entries.

Entries required before viewing

The number of entries the student needs to submit before s/he can see entries by other students. If the student has not submitted the required number of entries, s/he will only see the entry page and not the list or single view pages.

Note: If entries are required before viewing, the database auto-linking filter should be disabled. This is because the database auto-linking filter can't determine whether a user has submitted the required number of entries.

Maximum entries

The maximum number of entries the student can submit before s/he is blocked. This prevents people from spamming the system, either in the hope that one entry is good enough or, on a public site, as a way of advertising.

Require approval?

Allows you to require each entry to be approved by someone with the appropriate role before other users can view it.

Comments

Enables commenting on entries. The comments field appears on the single view template when this is enabled.

The screenshot shows a settings interface with the following fields and values:

- Display description on course page:
- Available from: 17 May 2013 Enable
- Available to: 17 May 2013 Enable
- Read only from: 17 May 2013 Enable
- Read only to: 17 May 2013 Enable
- Required entries: None
- Entries required before viewing: None
- Maximum entries: None
- Comments: No
- Require approval?: No

Red arrows point from the following text boxes to these fields:

- Read only from/to: points to Read only from and Read only to.
- Display description on course page: points to Display description on course page.
- Available from/to: points to Available from and Available to.
- Required entries: points to Required entries.
- Entries required before viewing: points to Entries required before viewing.
- Maximum entries: points to Maximum entries.
- Require approval?: points to Require approval?.
- Comments: points to Comments.

Figure 3

Grade & Ratings



Roles with permission to rate

To submit ratings users require the moodle/rating:rate capability and any module specific capabilities. Users assigned the following roles should be able to rate items. The list of roles may be amended via the permissions link in the settings block.

Grade

With these setting you can choose how your event will be shown in the calendar.

Grade category ?

Figure 5

Aggregate type

The aggregate type defines how ratings are combined to form the final grade in the gradebook.

- Average of ratings - The mean of all ratings
- Count of ratings - The number of rated items becomes the final grade. Note that the total cannot exceed the maximum grade for the activity.
- Maximum - The highest rating becomes the final grade
- Minimum - The smallest rating becomes the final grade
- Sum - All ratings are added together. Note that the total cannot exceed the maximum grade for the activity.

If "No ratings" is selected, then the activity will not appear in the gradebook.

Roles with permission to rate ? Capability check not available until activity is saved

Aggregate type ?

Scale

Restrict ratings to items with dates in this range:

From

To

Figure 5

Restrict ratings to items with dates in this range

The rating is restricted to items that have been created during the chosen period.

Common module setting

Group mode

- No groups - There are no sub groups, everyone is part of one big community
- Separate groups - Each group member can only see their own group, others are invisible
- Visible groups - Each group member works in their own group, but can also see other groups

The group mode defined at course level is the default mode for all activities within the course. Each activity that supports groups can also define its own group mode, though if the group mode is forced at course level, the group mode setting for each activity is ignored.

Group mode ?

Visible

ID number ?

Figure 6

ID number

- Setting an ID number provides a way of identifying the activity for grade calculation purposes. If the activity is not included in any grade calculation then the ID number field may be left blank.

The ID number can also be set in the gradebook, but can only be edited on the activity settings page.

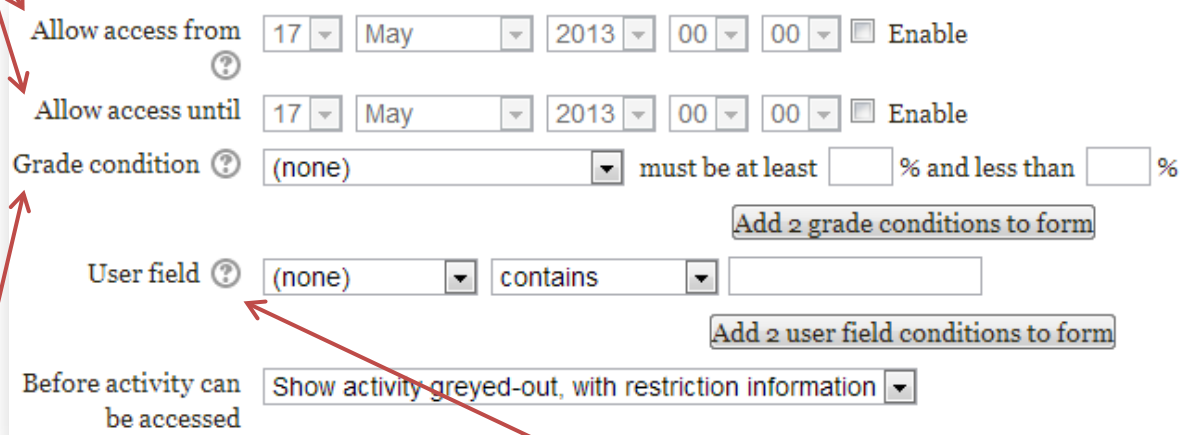


Restrict access

Allow access from

Access from/to dates determine when students can access the activity via a link on the course page.

The difference between access from/to dates and availability settings for the activity is that outside the set dates the latter allows students to view the activity description, whereas access from/to dates prevent access completely.



The screenshot shows the 'Restrict access' settings for a Moodle activity. It includes the following fields:

- Allow access from:** 17 May 2013 00:00. Enable
- Allow access until:** 17 May 2013 00:00. Enable
- Grade condition:** (none) must be at least % and less than %. [Add 2 grade conditions to form](#)
- User field:** (none) contains. [Add 2 user field conditions to form](#)
- Before activity can be accessed:** Show activity greyed-out, with restriction information

Grade condition

This setting determines any grade conditions which must be met in order to access the activity.

Multiple grade conditions may be set if desired. If so, the activity will only allow access when ALL grade conditions are met.

User field

You can restrict access based on any field from the users profile.

Further Help Material: http://docs.moodle.org/24/en/Using_Database

University of Greenwich Moodle help: <http://www.gre.ac.uk/offices/ils/cis/guides/moodlestaff>