3.11 MUA Project: Student activity completion
Better student activity completion experience

- Clearer activity information on course homepage and within the activity
  - Completion conditions
  - Activity dates
- Ability to mark activities with manual completion as complete within the activity page
Activity information output component

- Automatic completion

  ![Offline assignment]
  
  **Submissions due:** 23 April 2021, 2:00 PM

  ![Done: View](#)
  ![To do: Make a submission](#)
  ![To do: Receive a grade](#)

- Manual completion

  ![Assignment with file submissions]
  
  **Submissions opened:** 23 February 2021, 8:48 PM
  **Submissions due:** 23 March 2021, 8:48 PM

  ![Mark as done](#)
Course homepage

Assignments

Assignments enable teachers to grade and give comments on uploaded files and assignments created on and off line.

Online text assignment
Submissions opened: 23 March 2021, 8:48 PM
Submissions due: 1 April 2021, 2:00 PM
Restricted Not available unless: The activity News forum is marked complete
Students type their response directly into a text box on Moodle.

Assignment with file submissions
Submissions opened: 23 February 2021, 8:48 PM
Submissions due: 23 March 2021, 8:48 PM
Mark as done

Students upload one or more files (such as 2 in this example) which the teacher can grade. If these are pdf files, the teacher can annotate them directly in the browser.

Group assignment
Submissions open: 20 January 2023, 2:00 PM
Submissions due: 3 February 2023, 2:00 PM
Mark as done

Students add text online and/or upload files collaboratively. A single grade may be awarded to the whole group or each member may be given a separate grade. All members must submit.

Offline assignment
Submissions due: 23 April 2021, 2:00 PM
Done! View To do: Make a submission To do: Receive a grade
Activity view

Activity examples

Dashboard / My courses / Activity examples / Assignments / Assignment with file submissions

Assignment with file submissions

Submissions opened: 23 February 2021, 8:48 PM
Submissions due: 23 March 2021, 8:48 PM

✔ Done
Course settings

- **Appearance**
  - Force language: Do not force
  - Number of announcements: 5
  - Show gradebook to students: Yes
  - Show activity reports: No
  - Show activity dates: No

- **Files and uploads**

- **Completion tracking**
  - Enable completion tracking: Yes
  - Show completion conditions: No
Activity plugin implementation

Disclaimer:
These are currently in-progress and might be subject to change before the 3.11 release ;)

Custom completion

1. Extend \core_completion\activity_custom_completion
   ○ mod_[pluginname]\completion\custom_completion

2. Implement the following methods:
   ○ get_defined_custom_rules()
     ■ Array of defined custom rules
   ○ get_state()
     ■ Fetches the completion state for a given custom rule
   ○ get_custom_rule_descriptions()
     ■ Array of custom rule descriptions
   ○ get_sort_order()
     ■ Defines the ordering of custom rules when displayed
Activity dates

1. Extend `\core\activity_dates`
2. Implement the following method:
   ○ `get_dates()`
     ■ Array of relevant dates for the activity module
Displaying the activity information

1. Find heading for the activity name in view.php
2. Fetch the completion details for your activity
   ○ \core\completion\cm_completion_details::get_instance()
3. Fetch the activity dates for your activity
   ○ \core\activity_dates::get_dates_for_module()
4. Render with $OUTPUT->activity_information()

```php
// Render the activity information.
$completiondetails = \core\completion\cm_completion_details::get_instance($cm, $USER->id);
$activitydates = \core\activity_dates::get_dates_for_module($cm, $USER->id);
echo $OUTPUT->activity_information($cm, $completiondetails, $activitydates);
```
More information

- Epic: MDL-70814
- Documentation: Student activity completion
- Prototype site