DEVLION

Innovative Moodle Solutions

Quick Facts

10+
Successful Moodle Projects

15+
Satisfied academics clients

15+
Custom plugins developed

5+
Years of moodle development experience

Customers

AFEKA TEL-AVIV ACADEMIC COLLEGE OF ENGINEERING

אוניברסיטת חיפה
University of Haifa
جامعة حيفا

מכון ויצמן למדע
WEIZMANN INSTITUTE OF SCIENCE

THE OPEN UNIVERSITY OF ISRAEL

Educating for Life
WO
WORLD ORT
קדימה מדע

Davidson Institute
OF SCIENCE EDUCATION

https://devlion.co/

Plugins overview

Share With - local plugin

Share Drive - activity plugin

Local Share With

Edit ▼

⚙ Edit settings
→ Move right
⊘ Make available
⊡ Duplicate
◉ Assign roles
🗑 Delete
⊡ **Copy activity**
≪ Share activity

Select course and topic ✕

select course

| Course | ⬍ |

select topic

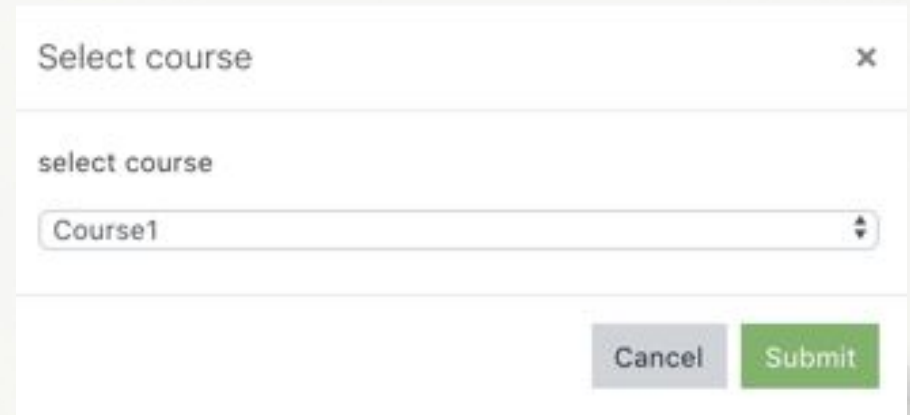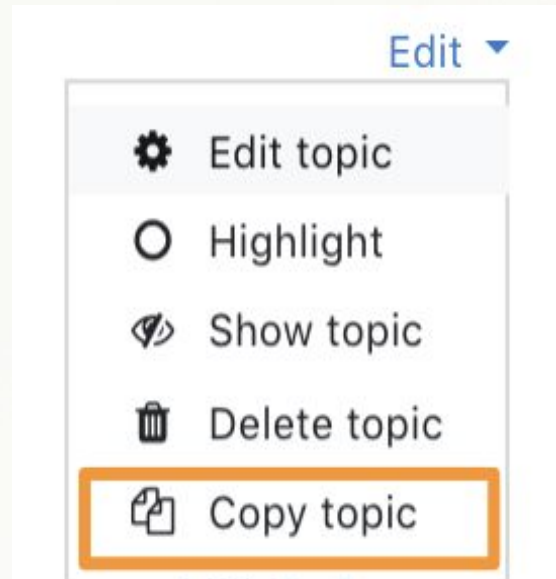| General | ⬍ |

Cancel | Submit

Actions

Teacher can copy activity to course and topic

Teacher can copy topic to course

Teacher can copy course to category

Teacher can copy course to category

link

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Local Share With

Edit ▼

- ⚙ Edit topic
- ○ Highlight
- 🚫 Show topic
- 🗑 Delete topic
- 📑 **Copy topic**

Select course ✕

select course

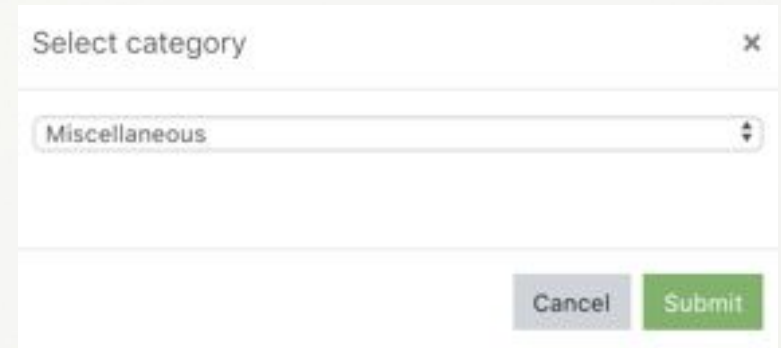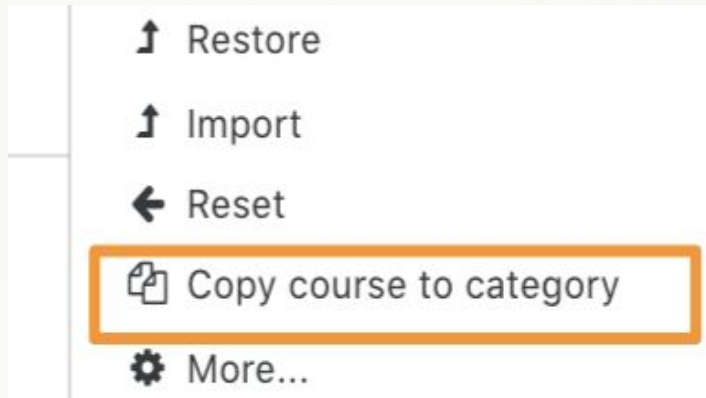Course1 ▼

Cancel | Submit

Actions

Teacher can copy activity to course and topic

Teacher can copy topic to course

Teacher can copy course to category

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link

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Local Share With

Actions

Teacher can copy activity to course and topic
Teacher can copy topic to course
Teacher can copy course to category
Teacher can copy course to category

link

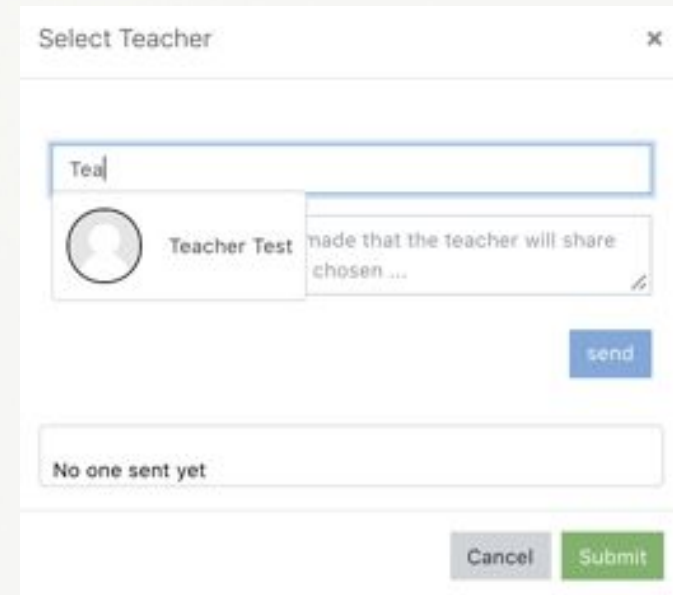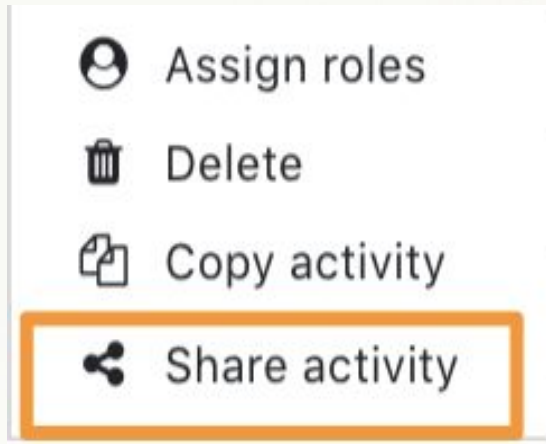DEVLION

Local Share With

Actions

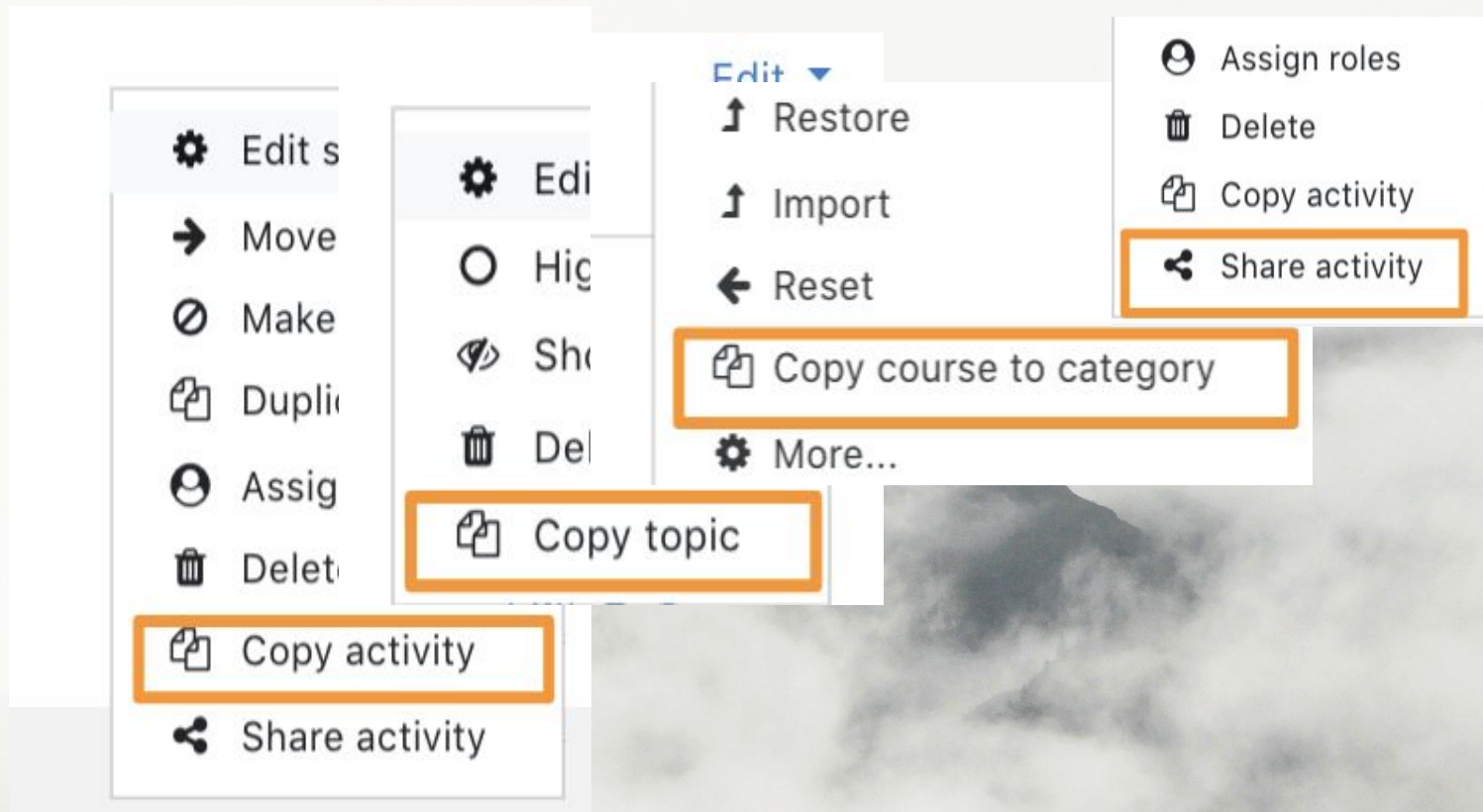Teacher can copy activity to course and topic

Teacher can copy topic to course

Teacher can copy course to category

Teacher can copy course to category

link

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Local Share With

How to add custom link to settings in course format?

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Local Share With


```
src
  buildtree.js
  events.js
  init.js
  modal.js
```

```javascript
addCopySectionButton: function (root) {
    root = $(root);
    var string = Str.get_string('eventsectioncopy', 'local_sharewith'),
        menu = root.find(this.SELECTORS.menuSection),
        self = this;
    menu.each(function () {
        var clone = $(this).children().last().clone();
        clone
            .attr('data-toggle', 'modal')
            .attr('data-target', self.SELECTORS.modal)
            .attr('href', '#')
            .attr('data-handler', 'selectCourse')
            .attr('data-ref', 'copySection');
        string.done(function (s) {
            clone.find('.menu-action-text').text(s);
            clone
                .find('.icon')
                .removeAttr('class')
                .attr('title', s)
                .attr('aria-label', s)
                .addClass('icon fa fa-copy fa-fw');
        });
        $(this).append(clone);
    });
}
};
```

link

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Local Share With
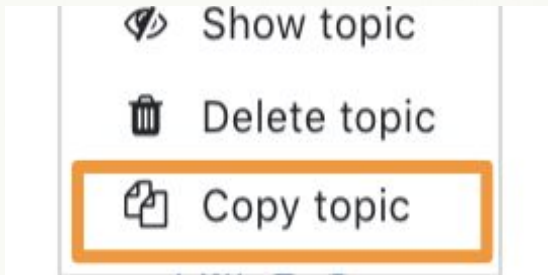

```
▼<a href="#" class="dropdown-item editing_delete menu-action" role="menuitem" aria-labelledby="actionmenuaction-20"
data-toggle="modal" data-target="#selectItem" data-handler="selectCourse" data-ref="copySection" id=
"yui_3_17_2_1_1560429134281_186">
  ▶<i aria-hidden="true" title="Copy topic" aria-label="Copy topic" class="icon fa fa-copy fa-fw">…</i>
    <span class="menu-action-text" id="actionmenuaction-20">Copy topic</span> == $0
  </a>
```

```javascript
selectCourse: function(target) {
    var cmid = $(target).parents('.activity').find('[data-itemtype="activityname"]').data('itemid'),
        sectionid = $(target).parents('.section').find('[data-itemtype="sectionname"]').data('itemid'),
        modalBody = modal.getBody();

    var renderPopup = function(responce) {...}.bind(this);

    Ajax.call([{
        methodname: 'get_courses',
        args: {},
        done: renderPopup,
        fail: renderPopup
    }]);
},
```

Local Share With

✓ Travis Validation

Github source files:

🔗 https://github.com/devlionco/moodle-local_sharewith

Tutorial:
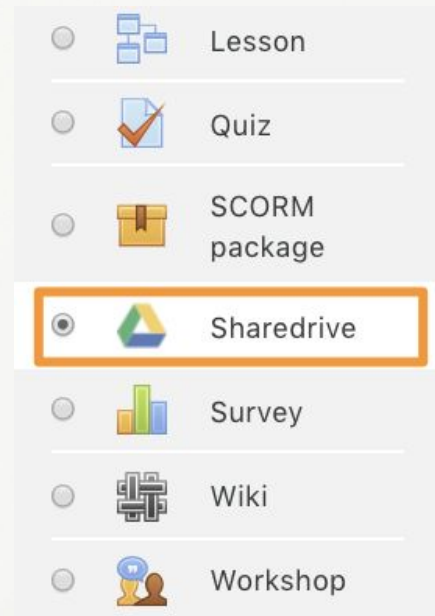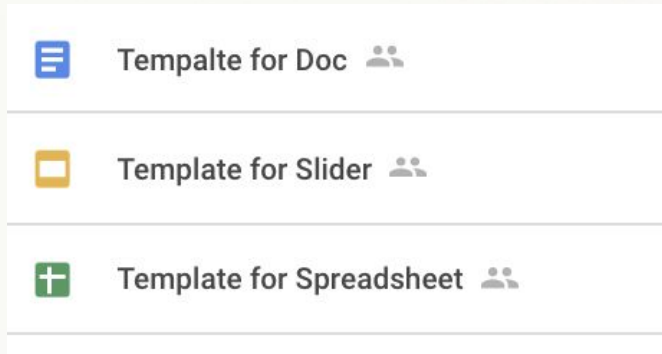
🔗 https://blog.devlion.co/moodle-local-share-with/

Share Drive Activity

Tempalte for Doc

Template for Slider

Template for Spreadsheet

Lesson

Quiz

SCORM package

Sharedrive

Survey

Wiki

Workshop

Actions

Admin share google drive permission

Create Special document for each group

Share special permission for each role

Customize Google drive document view

link

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Share Drive Activity

Sharedrive

Client id
mod_sharedrive | clientid
▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓
Default: Empty

Please enter client id from google

Client secret
mod_sharedrive | clientsecret
▓▓▓▓▓▓▓ ▓▓▓▓ ▓▓▓▓
Default: Empty

Please enter client secret from google

Token
mod_sharedrive | credentials

⬇

📁 Files

📄 token (2).json

Maximum size for new files: Unli

Default: Empty

Get file from link and upload token.json file. Redirect Url needed

Save changes

Actions

Admin share google drive permission

Create Special document for each group

Share special permission for each role

Customize Google drive document view

link

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Share Drive Activity

▾ **Sharing Setting**

Association level	Group ⇕
manager	Edit ⇕
editingteacher	Edit ⇕
teacher	Edit ⇕
student	Edit ⇕
other	Edit ⇕

Actions

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Share Drive Activity

Sharing Setting

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Actions

Admin share google drive permission

Create Special document for each group

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Customize Google drive document view

link

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Share Drive Activity

Course
Dashboard / My courses / Course

Small files
Forum
My Share Drive Example

My Share Drive Example
File Edit View Insert Format Tools Add-ons Help   Last edit was 3 minutes ago

100%   Normal te...   Arial   11   B I U A

Example template

Display Setting

Display as iFrame

iFrame width   600

iFrame height   600

Target of iFrame   In popup

Actions

Admin share google drive permission

Create Special document for each group

Share special permission for each role

Customize document view
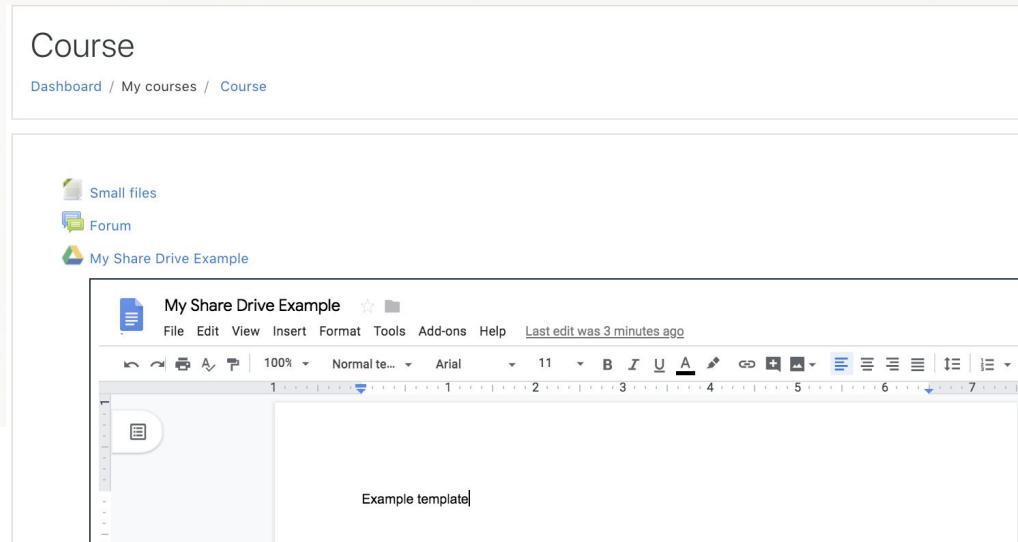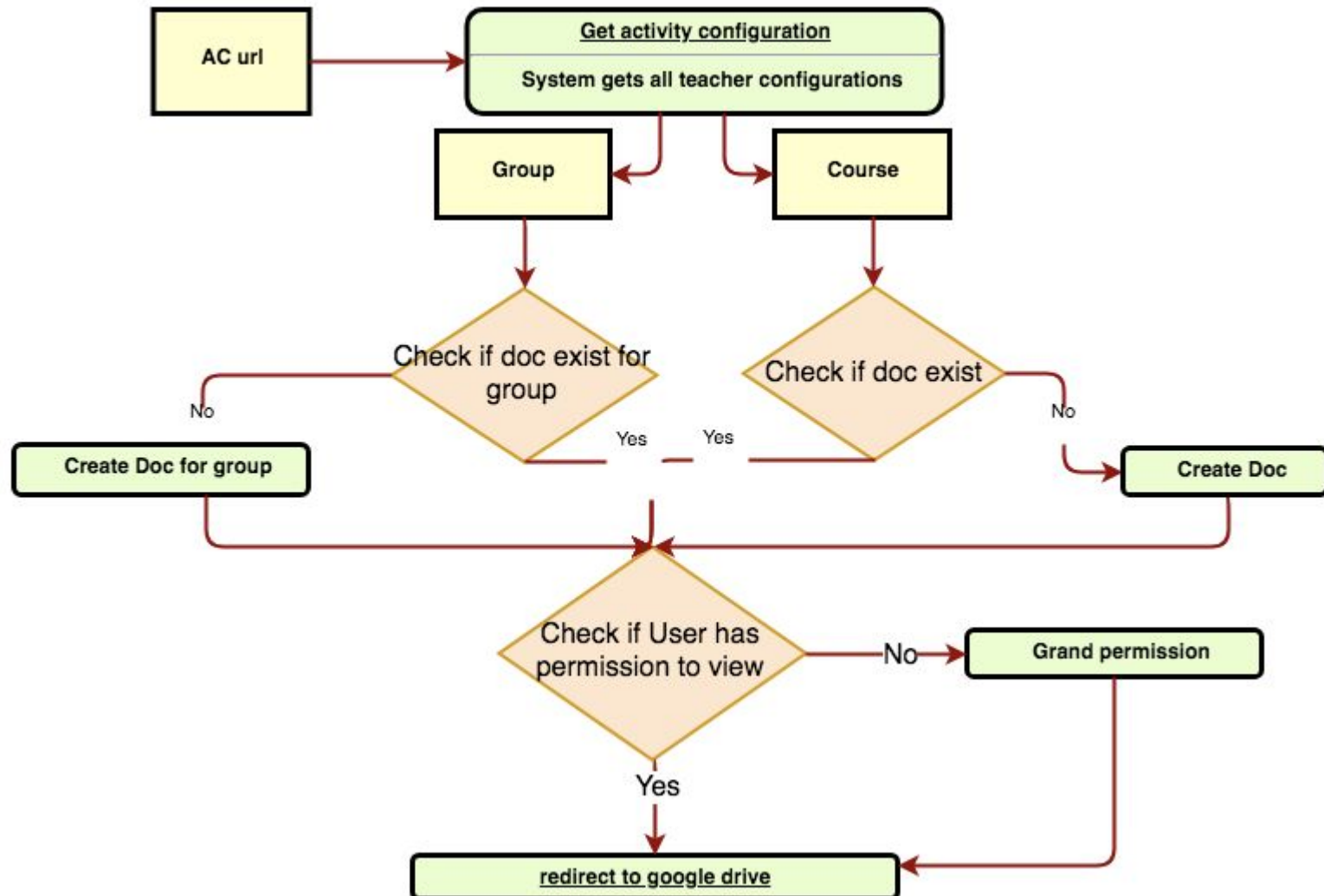
link

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Share Drive Activity

/mod/sharedrive/source.php?id={CMID}

```
AC url  →  Get activity configuration
            System gets all teacher configurations
```

Group   Course

Check if doc exist for group
- No → Create Doc for group
- Yes

Check if doc exist
- Yes
- No → Create Doc

Check if User has permission to view
- No → Grand permission
- Yes → redirect to google drive

Grand permission → redirect to google drive

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Share Drive Activity

```php
public function __construct($clientid, $clientsecret, $redirecturl, $placetoken = null) {
    if ($placetoken != null) {
        $this->placetoken = $placetoken;
    } else {
        $this->placetoken = '';
    }

    try {
        $this->client = new Google_Client();
        $this->client->setApplicationName('Moodle Drive');
        $this->client->setClientId($clientid);
        $this->client->setClientSecret($clientsecret);
        $this->client->setRedirectUri($redirecturl);
        $this->client->addScope(Google_Service_Drive::DRIVE);
        $this->client->setAccessType('offline');
        $this->client->setApprovalPrompt('force');
    } catch (\Exception $e) {
        die("GoogleDrive: Error creating client. {$e->getMessage()}, on {$e->getLine()}");
    }
```

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Share Drive Activity

```php
$userpermission = new Google_Service_Drive_Permission(array(
    'type' => 'user',
    'role' => $permission,
    'emailAddress' => $user->email
));
$request = $this->service->permissions->create(
        $fileid, $userpermission, array('fields' => 'id', 'sendNotificationEmail' => false));
$batch->add($request, 'user');
$results = $batch->execute();
```
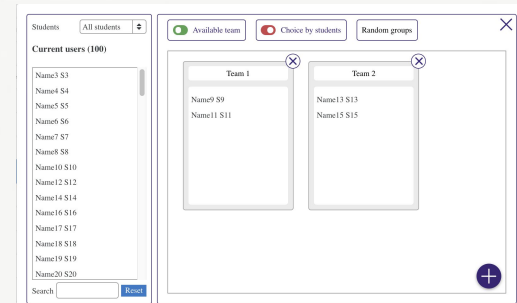
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Share Drive Activity

```php
public function copy_file_to_folder($originfileid, $namefile, $folderid = null) {

    // Sharedrive disabled.
    if ($this->sharedrivedisabled) {
        return false;
    }

    $copiedfile = new Google_Service_Drive_DriveFile();

    if (!empty($namefile)) {
        $copiedfile->setName($namefile);
    } else {
        $name = $this->name_of_file($originfileid);
        $copiedfile->setName($name);
    }

    if ($folderid != null) {
        $copiedfile->setParents(array($folderid));
    }

    try {
        return $this->service->files->copy($originfileid, $copiedfile);
    } catch (Exception $e) {
        $e; // Exception.
    }
    return null;
}
```
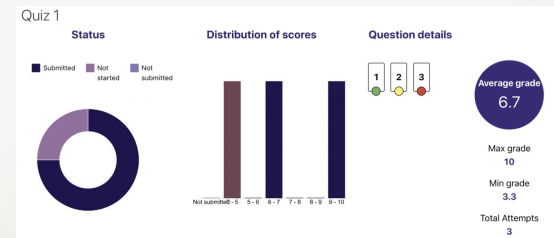
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Other Plugins

https://github.com/PeTeL-Weizmann/moodle-filter_teamwork

https://github.com/PeTeL-Weizmann/moodle-quiz_teacheroverview

https://github.com/davidsoninstitute/moodle-format_picturelink

https://github.com/devlionco/moodle-local_sharewith

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Thank You!

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