

Make a calculate-able database activity

William Lu for iMoot15

Hello, everyone

My name is William.

I have been using Moodle for more than 10 years.

I love Moodle very much and I believe Moodle is not just an online teaching and learning tool, but also a very good **management** tool, especially with the most versatile and powerful module: **Database activity**.

Make a calculable Database

In this session, I will show you how to create a calculable database activity which will work like a spreadsheet.

I will create a 'Time Tracking' database from scratch, then add JavaScript and CSS to its templates.

Even if you've never created a Database activity before, by the end of this session, you'll be a pro :)

It will work like this:

Add entry

Time Tracking

Where has the time gone?

[View list](#) [View single](#) [Search](#) [Add entry](#)

New entry

Time	Hour	Minute	Duration
Start at:	Choose... ▾	Choose... ▾	
End at:	Choose... ▾	Choose... ▾	

Task:

Choose... ▾

Details:

Paragraph ▾ **B** *I* [List] [List] [Link] [Unlink] [Image] [Smiley] [Video] [File]

[Text area]

Path: p

HTML format ▾

Date:

22 ▾ May ▾ 2015 ▾

[Save and view](#) [Save and add another](#)

Enter 'Start time' and 'End time'.

Duration will be calculated automatically

Select a task category

Add more details

Default Date is today or choose a date

View single

Time Tracking

Where has the time gone?

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

Page: [1](#) [2](#) [3](#) [4](#) (Next)

⚙ Added at: Thursday, 21 May 2015, 12:55 am & Mo

×

Name:	Admin Lu
Task:	Project 1
Details:	Task allocation
Date:	22 May 2015
Duration:	15:30 - 17:50
Spent:	2.33 hours

Page: [1](#) [2](#) [3](#) [4](#) (Next)

View single

Who did what
and details

Duration
and Date

Time spent for one entry

View list

Make a calculate-able database activity — William Lu #Moot15

Time Tracking

Where has the time gone?

View list

View single

Search

Add entry

Link to 'Single View'

Name	Date	Task	Duration	Spent
Admin Lu ⚙	22 May 2015	🔍 Project 1	15:30 - 17:50	2.33
Admin Lu ⚙	21 May 2015	🔍 Meeting	14:30 - 16:35	2.08
Admin Lu ⚙	20 May 2015	🔍 Administration	8:50 - 10:10	1.34
Admin Lu ⚙	19 May 2015	🔍 Research	8:15 - 9:45	1.50
Total hours:				7.25

Sum of 'List' rows on this page

Advanced Search

Time Tracking

Where has the time gone?

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

Entries per page

10

Sort by

date

Descending



Advanced search

Save settings

Search by Details

Task

- ✓ Choose...
- Project 1
- Research
- Administration
- Meeting

Details

Author first name

Author surname:

Search by Task

Or list by User

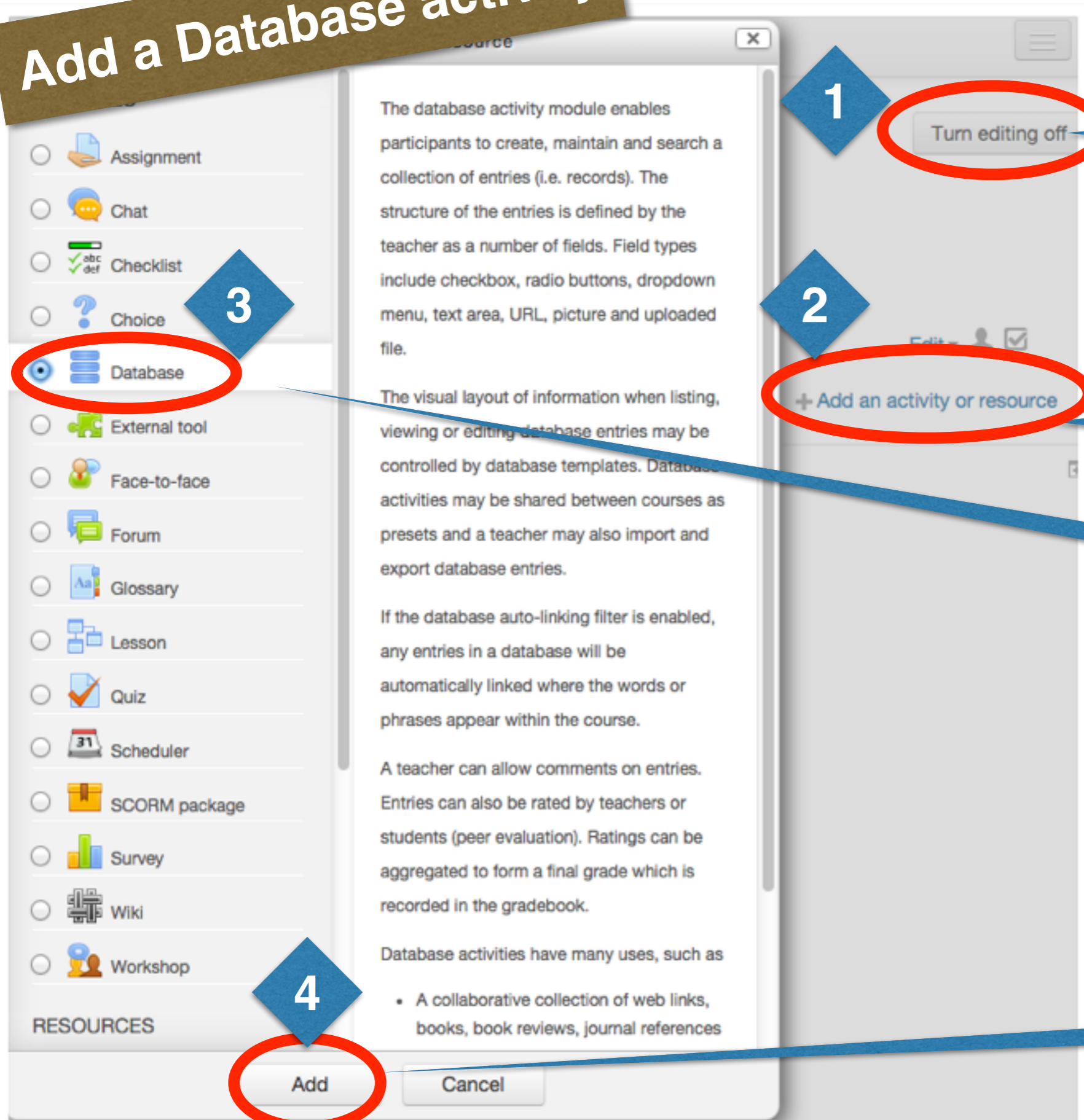
Save settings

Reset filters

STEP 1

Create a New Database Activity

Add a Database activity



Turn editing on

Add an activity or resource

Select 'Database'

Add

Edit settings

Adding a new Database Expand all

General

1

Time Tracking

Description*

Where has the time gone?

2

Path: p

Display description on course page

Entries

Availability

Grade

Ratings

Common module settings

Restrict access

Activity completion

3

Save and return to course | Save and display | Cancel

Title

Description

Save

Create fields

Time Tracking

Where has the time gone?

- View list
- View single
- Search
- Add entry
- Export
- Templates
- Fields
- Presets

There are no fields defined for this database.

Please create some below or choose a predefined set to get started.

Create a new field

Or choose a preset

Create a new field ?

- ✓ Choose...
- Checkbox
- Date
- File
- Latlong
- Menu
- Multimenu
- Number
- Picture
- Radio button
- Text area
- Text input
- URL

Time added

Save

Add menu field

Time Tracking

Where has the time gone?

- [View list](#)
- [View single](#)
- [Search](#)
- [Add entry](#)
- [Export](#)
- [Templates](#)
- [Fields](#)**
- [Presets](#)

Menu field

Field name **startminute**

Important

Field description Start Minute

Not important

Options (one per line)

- 10
- 15
- 20
- 25
- 30**
- 35
- 40
- 45

**Minutes
(number only)**

Add text area field

Time Tracking

Where has the time gone?

- [View list](#)
- [View single](#)
- [Search](#)
- [Add entry](#)
- [Export](#)
- [Templates](#)
- Fields**
- [Presets](#)

Textarea field

Field name

Important

Field description

Not important

Change from '60' to a smaller number

Width columns

Not important

Height rows

Not important

Change from '35' to a smaller number

Maximum embedded file size (bytes) If set to zero will be unlimited by default

Add more fields

Time Tracking

Where has the time gone?

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#) [Templates](#) **Fields** [Presets](#)

Text field

Field name

Field description

Allow autolink

Important

Not important

Untick

Time Tracking

Where has the time gone?

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#) [Templates](#) **Fields** [Presets](#)

Date field

Field name

Field description

Important

Not important

Select default order

Where has the time gone?

View list View single Search Add entry Export Templates Fields Presets

Field added

Field name	Field type	Field description
startminute	Menu	Start Minute
starthour	Menu	Start Hour
endminute	Menu	End minute
endhour	Menu	End hour
task	Menu	Task
timespent	Text	time spent
date	Date	Date
detail	Textarea	Details

Selecting a 'Default sort field' will change the order of 'View list' Changing from Ascending to Descending will list the latest entry on top

All fields we need

Create a new field ?

Choose... ▾

Default sort order: Ascending / Descending

Time added ▾ Descending Save

STEP 2

Edit Templates

Ready made

a calculate-able database activity — William Lu #Moot15

Moodle has kindly created table layouts for us to start with

Where has the time gone?

View list View single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template Add template RSS template

CSS template Javascript template

Defines the interface for Advanced Searches

Available tags

Fields

- startminute - [[startminute]]
- starthour - [[starthour]]
- endminute - [[endminute]]
- endhour - [[endhour]]
- task - [[task]]
- timespent - [[timespent]]
- date - [[date]]
- detail - [[detail]]

Other

- Author first name - ##firstname##
- Author surname - ##lastname##

Advanced search template

startminute:	[[startminute]]
starthour:	[[starthour]]
endminute:	[[endminute]]
endhour:	[[endhour]]
task:	[[task]]
timespent:	[[timespent]]
date:	[[date]]
detail:	[[detail]]
Author first name:	##firstname##
Author surname:	##lastname##

endminute - [[endminute]]

endhour - [[endhour]]

task - [[task]]

timespent - [[timespent]]

date - [[date]]

detail - [[detail]]

Actions

- Edit - ##edit##
- Delete - ##delete##
- Approve - ##approve##
- Disapprove - ##disapprove##
- Export - ##export##

startminute:	[[startminute]]
starthour:	[[starthour]]
endminute:	[[endminute]]
endhour:	[[endhour]]
task:	[[task]]
timespent:	[[timespent]]
date:	[[date]]
detail:	[[detail]]
##edit## ##delete## ##approve## ##disapprove## ##export##	

Path: div.defaulttemplate » table.mod-data-default-template » tbody » tr.r0 » td.

entry Export Templates Fields Presets

Advanced search template Add template RSS template

interface when editing entries

Add template

startminute:	[[startminute]]
starthour:	[[starthour]]
endminute:	[[endminute]]
endhour:	[[endhour]]
task:	[[task]]
timespent:	[[timespent]]
date:	[[date]]
detail:	[[detail]]

Path: div.defaulttemplate » table.mod-data-default-template » tbody » t

Reset template

Edit 'Add template'

Fields
 startminute - [[startminute]]
 starthour - [[starthour]]
 endminute - [[endminute]]
 endhour - [[endhour]]
 task - [[task]]
 timespent - [[timespent]]
 date - [[date]]
 detail - [[detail]]

Field ids
 startminute id - [[startminute#id]]
 starthour id - [[starthour#id]]
 endminute id - [[endminute#id]]

Reset template

Enable editor

Disable editor

Add template

```

<div class="defaulttemplate">
<table border="1" cellspacing="0" cellpadding="2">
<tbody>
<tr>
<th align="center">Time</th>
<th align="center">Hour</th>
<th align="center">Minute</th>
<th align="center">Duration</th>
</tr>
<tr>
<td align="right"><strong>Start at:</strong></td>
<td>[[starthour]]</td>
<td>[[startminute]]</td>
<td rowspan="2" align="center" valign="middle">[[timespent]]</td>
</tr>
<tr>
<td align="right"><strong>End at:</strong></td>
<td>[[endhour]]</td>
<td>[[endminute]]</td>
</tr>
</tbody>
</table>
</div>
<br /><strong>Task:</strong> [[task]]<strong>Date:</strong> [[date]]
  
```

Keep Important

Modify the 'Add Template' table

Move out from table

Save template

'Add entry' form

Where has the time gone?

View list View single Search **Add entry** Export Templates Fields Presets

New entry

Time	Hour	Minute	Duration
Start at:	Choose... ▾	Choose... ▾	
End at:	Choose... ▾	Choose... ▾	

Task: Choose... ▾

Details:

Paragraph ▾ **B** *I* ☰ ☷ 🔗 🔗 🔗 🖼️ 😊 🎬 📄

Path: p

HTML format ▾

Date: 22 ▾ May ▾ 2015 ▾

Save and view Save and add another

Dummy content is needed for checking the template's Design

Dummy content is needed

Dummy content is needed

Edit 'Single template'

Fields

- startminute - [[startminute]]
- starthour - [[starthour]]
- endminute - [[endminute]]
- endhour - [[endhour]]
- task - [[task]]
- timespent - [[timespent]]
- date - [[date]]
- detail - [[detail]]

Actions

- Edit - ##edit##
- Delete - ##delete##

Reset template

Enable editor

Disable editor

```

Single template
<div class="defaulttemplate">
<p>##edit## Added at: ##timeadded## & Modified at:
##timemodified## ##export## ##delete##</p>
<div>
<table border="1" cellspacing="0" cellpadding="3">
<tbody>
<tr>
<td align="right"><strong>Name:</strong></td>
<td>##user##</td>
</tr>
<tr>
<td align="right"><strong>Task:</strong></td>
<td>[[task]]</td>
</tr>
<tr>
<td align="right"><strong>Details:</strong></td>
<td>[[detail]]</td>
</tr>
<tr>
<td align="right"><strong>Date:</strong></td>
<td>[[date]]</td>
</tr>
<tr>
<td align="right"><strong>Duration:</strong></td>
<td>[[starthour]]:[[startminute]] - [[endhour]]:[[endminute]]</td>
</tr>
<tr>
<td align="right"><strong>Spent:</strong></td>
<td><strong>[[timespent]]</strong>hours</td>
</tr>
</tbody>
</table>
</div>
</div>

```

Remove

Modify the 'Single template' table

Remove

Save template

View single

Time Tracking

Where has the time gone?

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

Page: [1](#) [2](#) [3](#) [4](#) [5](#) (Next)

⚙ Added at: Thursday, 21 May 2015, 2:40 am & Modifi

Name:	Admin Lu
Task:	Emailing
Details:	Announce a big news to colleagues.
Date:	23 May 2015
Duration:	8:30 - 9:30
Spent:	1.00 hours

Page: [1](#) [2](#) [3](#) [4](#) [5](#) (Next)

Dummy content

Edit 'Search template'

Defines the interface for Advanced Searches

Available tags



Fields

- startminute - [[startminute]]
- starthour - [[starthour]]
- endminute - [[endminute]]
- endhour - [[endhour]]
- task - [[task]]
- timespent - [[timespent]]
- date - [[date]]
- detail - [[detail]]

Other

- Author first name - ##firstname##
- Author surname - ##lastname##

Advanced search template

Format **B** *I* [List icons] [Image icon]

[Undo] [Redo] U ~~S~~ X₂ X² [Text alignment icons] [Font color icon]

Font family [Font size] [Code icon] [Table icon] [Link icon] [Math icon] [Text icon] [Omega icon]

<input type="checkbox"/>	startminute:	[[startminute]]	<input type="checkbox"/>
<input type="checkbox"/>	starthour:	[[starthour]]	<input type="checkbox"/>
<input type="checkbox"/>	endminute:	[[endminute]]	<input type="checkbox"/>
<input type="checkbox"/>	endhour:	[[endhour]]	<input type="checkbox"/>
<input type="checkbox"/>	task:	[[task]]	<input type="checkbox"/>
<input type="checkbox"/>	timespent:	[[timespent]]	<input type="checkbox"/>
<input type="checkbox"/>	date:	[[date]]	<input type="checkbox"/>
<input type="checkbox"/>	detail:	[[detail]]	<input type="checkbox"/>
<input type="checkbox"/>	Author first name:	##firstname##	<input type="checkbox"/>
<input type="checkbox"/>	Author surname:	##lastname##	<input type="checkbox"/>

Path: div.defaulttemplate » table.mod-data-default-template » tbody » tr.r0 » td

Remove rows

Modify the 'Advanced search template' table

Reset template

Disable editor

Save template

'Search' form

Time Tracking

Where has the time gone?

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

Entries per page

10

Sort by

date

Descending



Advanced search

Save settings

Task

- ✓ Choose...
- Project 1
- Research
- Administration
- Meeting

Details

Author first name

Author surname:

Save settings

Reset filters

You need dummy content to display the drop down menu

Edit 'List template'

Advanced search template Add template RSS template CSS template Javascript template

Available tags



Fields

- startminute - [[startminute]]
- starthour - [[starthour]]
- endminute - [[endminute]]
- endhour - [[endhour]]
- task - [[task]]
- timespent - [[timespent]]
- date - [[date]]
- detail - [[detail]]

Actions

- Edit - ##edit##
- Delete - ##delete##

Header

```
<div>
<table border="1" cellspacing="0" cellpadding="3">
<tbody>
<tr>
<th align="center">Name</th>
<th align="center">Date</th>
<th align="center">Task</th>
<th align="center">Duration</th>
<th align="center">Spent</th>
</tr>
```

Table Header

Modify the 'List Template' table

Repeated entry

```
<tr>
<td>##delcheck## ##user## ##edit## </td>
<td>[[date]]</td>
<td>##more## <a href="##moreurl##" >[[task]] </a></td>
<td>[[starthour]]: [[startminute]] - [[endhour]]: [[endminute]]</td>
<td>[[timespent]]</td>
</tr>
```

Repeated Table rows

Footer

```
<tr>
<td colspan="4" align="right"><b>Total hours: </b></td>
<td></td>
</tr>
</tbody>
</table>
</div>
```

Table Footer

'More' url link

Reset template

Enable editor

Disable editor

Save template

List view

Time Tracking

Where has the time gone?

View list

View single

Search

Add entry

Export

Templa

Link to 'View single'

Table Header

Name	Date	Task	Duration	Spent
<input type="checkbox"/> Admin Lu ⚙	23 May 2015	<input type="checkbox"/> Emailing	8:30 - 9:30	1.00
<input type="checkbox"/> Admin Lu ⚙	22 May 2015	<input type="checkbox"/> Project 1	15:30 - 17:50	2.33
<input type="checkbox"/> Admin Lu ⚙	21 May 2015	<input type="checkbox"/> Meeting	14:30 - 16:35	2.08
<input type="checkbox"/> Admin Lu ⚙	20 May 2015	<input type="checkbox"/> Administration	8:50 - 10:10	1.34
<input type="checkbox"/> Admin Lu ⚙	19 May 2015	<input type="checkbox"/> Research	8:15 - 9:45	1.50
Total hours:				

Repeated Table Rows

Table Footer

Select all

Deselect all

Delete selected

STEP 3

**Use JavaScript for
'Add entry' form**

Add template

Select 'Templates'

Select 'Add template'

Where has the time gone?

View list View single Search Add entry Export **Templates** Fields Presets

List template Single template Advanced search template **Add template** RSS template

CSS template Javascript template

Available tags

task - [[task]]
 timespent - [[timespent]]
 date - [[date]]
 detail - [[detail]]

Field ids

startminute id - [[startminute#id]]
 starthour id - [[starthour#id]]
 endminute id - [[endminute#id]]
 endhour id - [[endhour#id]]
 task id - [[task#id]]
 timespent id - [[timespent#id]]
 detail id - [[detail#id]]

Format B I

U ~~S~~ X₂ X²

Font family Font size

Time	Hour	Minute	Duration
Start at:	[[starthour]]	[[startminute]]	[[timespent]]
End at:	[[endhour]]	[[endminute]]	

Task:[[task]]Details:[[detail]]Date:[[date]]

Path: div.defaulttemplate » table » tbody » tr » th

Reset template

Disable editor

Save template

Disable editor

JS for 'Add template'

```

task - [[task]]
timespent - [[timespent]]
date - [[date]]
detail - [[detail]]
Field ids
startminute id - [[startminute#id]]
starthour id - [[starthour#id]]
endminute id - [[endminute#id]]
endhour id - [[endhour#id]]
task id - [[task#id]]
timespent id - [[timespent#id]]
detail id - [[detail#id]]

```

```

</table>
</div>
<br /><strong>Task:</strong>[[task]]Details:[[detail]]<strong>Date:</strong>[[date]]

<script type="text/javascript">
// 
document.getElementById('[[starthour#id]]').onchange=function(){spent();};
document.getElementById('[[startminute#id]]').onchange=function(){spent();};
document.getElementById('[[endhour#id]]').onchange=function(){spent();};
document.getElementById('[[endminute#id]]').onchange=function(){spe
function spent() {
var starthour=document.getElementById('[[starthour#id]]').value;
var startminute=document.getElementById('[[startminute#id]]').value;
var endhour=document.getElementById('[[endhour#id]]').value;
var endminute=document.getElementById('[[endminute#id]]').value;
var duration =(endhour + "." + parseFloat(10*endminute/6).toFixed(0)) - (starthour + "." +
parseFloat(10*startminute/6).toFixed(0));
document.getElementById('[[timespent#id]]').value=parseFloat(duration).toFixed(2);
}
// ]&gt;
&lt;/script&gt;
</pre>
</div>
<div data-bbox="730 260 980 315" data-label="Text"><p>Form event: onchange</p></div>
<div data-bbox="830 440 980 495" data-label="Text"><p>Get value</p></div>
<div data-bbox="830 560 980 615" data-label="Text"><p>Calculate</p></div>
<div data-bbox="830 720 980 775" data-label="Text"><p>Display</p></div>
<div data-bbox="35 665 170 715" data-label="Text"><p>Reset template</p></div>
<div data-bbox="35 755 160 805" data-label="Text"><p>Enable editor</p></div>
<div data-bbox="480 835 615 885" data-label="Text"><p>Save template</p></div>
<div data-bbox="930 950 995 985" data-label="Page-Footer"><p>28 / 44</p></div>
```

STEP 4

Use Javascript for List View

List template

Select 'Templates'

Select 'List template'

Disable editor

Where has the time gone?

View list View single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template Add template RSS template CSS template

Javascript template

Defines browsing interface for multiple entries

Header

Format B I [List icons]

Name	Date	Task	Duration	Spent
------	------	------	----------	-------

Path: div - table - tbody - tr - th

Available tags

Fields

- startminute - [[startminute]]
- starthour - [[starthour]]
- endminute - [[endminute]]
- endhour - [[endhour]]
- task - [[task]]
- timespent - [[timespent]]
- date - [[date]]
- detail - [[detail]]

Actions

- Edit - ##edit##
- Delete - ##delete##

Repeated entry

Paragraph B I [List icons]

Font family Font size [Icons]

##delcheck## ##user## ##edit##[[date]]##more## [[task]] [[starthour]:[[startminute]] - [[endhour]]: [[endminute]][[timespent]]

Path: p

Reset template

Disable editor

Footer

Paragraph B I [List icons]

Total hours:

Add classes

Single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template Add template RSS template

CSS template Javascript template

Header

```
<div>
<table border="1" cellspacing="0" cellpadding="3">
<tbody>
<tr>
<th align="center">Name</th>
<th align="center">Date</th>
<th align="center">Task</th>
<th align="center">Duration</th>
<th align="center">Spent</th>
</tr>
```

Available tags

Fields

- startminute - [[startminute]]
- starthour - [[starthour]]
- endhour - [[endhour]]
- endminute - [[endminute]]
- timespent - [[timespent]]
- date - [[date]]
- detail - [[detail]]
- task - [[task]]

Actions

- Edit - ##edit##
- Delete - ##delete##

Repeated entry

```
<tr>
<td>##delcheck## ##user## ##edit## </td>
<td>[[date]]</td>
<td>##more## <a href="##moreurl##">[[task]] </a></td>
<td>[[starthour]]: [[startminute]] - [[endhour]]: [[endminute]]</td>
<td class="singlespent"> [[timespent]]</td>
</tr>
```

Footer

```
<tr>
<td colspan="4" align="right"><b>Total hours: </b></td>
<td class="total"></td>
</tr>
</tbody>
</table>
</div>
```

Reset template

Enable editor

Add class for every row

Add class for 'Sum placeholder'

JS template

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view list View single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template Add template RSS template

CSS template Javascript template

Defines custom Javascript for the other templates

Reset template

```
var timespent = 0;
var total = 0;

function timecount () {
  var timespent = document.getElementsByClassName("singlespent")
  for (i=0; i < timespent.length; i++) {
    total += timespent[i].innerHTML*1;
  }
  document.getElementsByClassName("total")[0].innerHTML = total;
}
window.onload = timecount;
```

Save template

Select 'Templates'

Every *var* has to be declared and start from 0

Select 'Javascript template'

Sum

Multiplying by 1 converts string to value

Display

Event

STEP 5

Add Cascade Style Sheets

Add template

Select 'Templates'

Select 'Add template'

Changing the text field from default to a smaller size

This won't work in CSS template page

Disable editor

Reset template

Enable editor

Save template

View single Search Add entry Export Templates Fields Presets

Single template Advanced search template Add template RSS template CSS template

Available tags

task - [[task]]
timespent - [[timespent]]
date - [[date]]
detail - [[detail]]

Field ids
startminute id - [[startminute#id]]
starthour id - [[starthour#id]]
endminute id - [[endminute#id]]
endhour id - [[endhour#id]]
task id - [[task#id]]
timespent id - [[timespent#id]]
detail id - [[detail#id]]

```
var endhour=document.getElementById('[[endhour#id]]').value;
var endminute=document.getElementById('[[endminute#id]]').value;
var duration =(endhour + "." + parseFloat(10*endminute/60).toFixed(0));
parseFloat(10*startminute/60).toFixed(0);
document.getElementById('[[timespent#id]]').value=parseFloat(duration);
// ]]>
</script>

<style>
#[[timespent#id]]
background: #FFFFCC;
width:40px !important;
</style>
```

Reset template

Enable editor

Save template

Before

Time Tracking

Where has the time gone?

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#) [Templates](#) [Fields](#) [Presets](#)

New entry

Time	Hour	Minute	Duration
Start at:	<input type="text" value="Choose..."/>	<input type="text" value="Choose..."/>	<input type="text"/>
End at:	<input type="text" value="Choose..."/>	<input type="text" value="Choose..."/>	<input type="text"/>

Moodle default text field size

After

Time Tracking

Where has the time gone?

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#)

New entry

Time	Hour	Minute	Duration
Start at:	<input type="text" value="Choose..."/>	<input type="text" value="Choose..."/>	<input type="text"/>
End at:	<input type="text" value="Choose..."/>	<input type="text" value="Choose..."/>	<input type="text"/>

CSS defined text field size

CSS template

View single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template Add template RSS template CSS template

Javascript template

Defines local CSS styles for the other templates

CSS template

Reset template

```
.total {
  font-weight: bold;
  color: red;
  font-size: 18px;
}

.sub {
  font-weight: bold;
  color: green;
  font-size: 16px;
}
```

Save template

Select 'Templates'

Select 'CSS template'

For 'View list'

For 'View single'

Single template

List template

Available tags

Fields

startminute - [[startminute]]
starthour - [[starthour]]
endminute - [[endminute]]
endhour - [[endhour]]
task - [[task]]
timespent - [[timespent]]
date - [[date]]
detail - [[detail]]

Actions

Edit - ##edit##
Delete - ##delete##

```
<tr>  
<td align="right"><strong>Date:</strong></td>  
<td>[[date]]</td>  
</tr>  
<tr>  
<td align="right"><strong>Duration:</strong></td>  
<td>[[starthour]]:[[startminute]] - [[endhour]]:[[endminute]]</td>  
</tr>  
<tr>  
<td align="right"><strong>Spent:</strong></td>  
<td class="sub">[[timespent]] hours</td>  
</tr>  
</tbody>  
</table>
```

Add class 'sub' for 'Spent'

```
<tr>  
<td colspan="4" align="right"><b>Total hours: </b></td>  
<td class="total"></td>  
</tr>  
</tbody>  
</table>  
</div>
```

Add class 'total' for 'Total hours'

Page: (Previous) 1 2 3 4 5 (Next)
* Added at: Thursday, 21 May 2015,

Name:	Admin Lu
Task:	Project 1
Details:	Task allocation
Date:	22 May 2015
Duration:	15:30 - 17:50
Spent:	2.33 hours

Page: (Previous) 1 2 3 4 5 (Next)

View single Search Add entry Export Template:

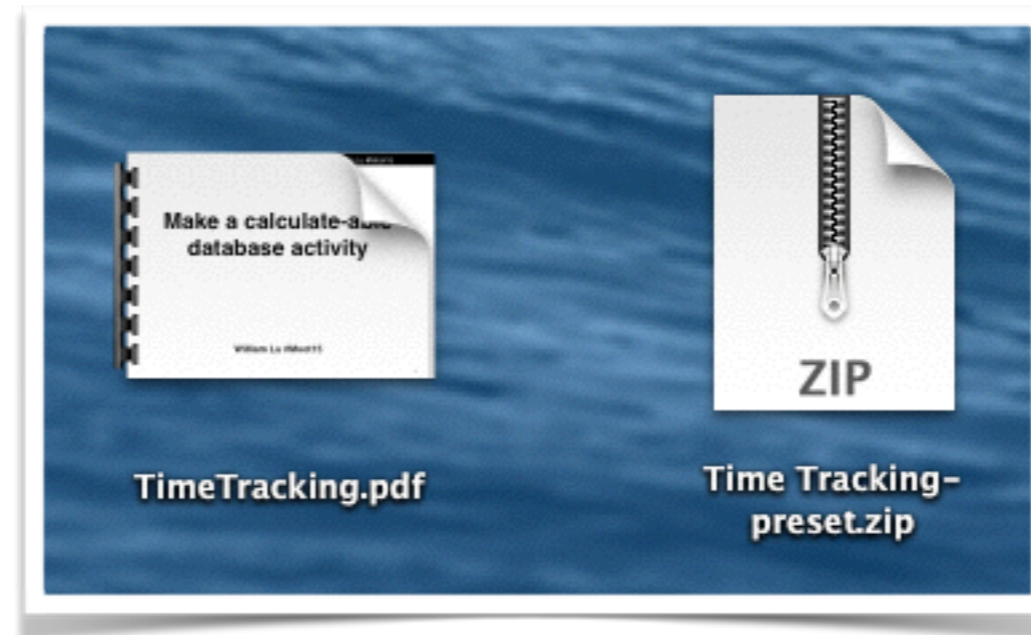
Name	Date	Task	Duration	Spent
<input type="checkbox"/> Admin Lu *	23 May 2015	🔍 Emailing	8:30 - 9:30	1.00
<input type="checkbox"/> Admin Lu *	22 May 2015	🔍 Project 1	15:30 - 17:50	2.33
<input type="checkbox"/> Admin Lu *	21 May 2015	🔍 Meeting	14:30 - 16:35	2.08
<input type="checkbox"/> Admin Lu *	20 May 2015	🔍 Administration	8:50 - 10:10	1.34
<input type="checkbox"/> Admin Lu *	19 May 2015	🔍 Research	8:15 - 9:45	1.60
Total hours				8.25

Select all Deselect all Delete selected

FREE DOWNLOAD

**Please download the preset of this Database
and this presentation's PDF file
from MOODLE.NET**

<https://moodle.net/mod/data/view.php?d=1&rid=135>



Use preset

... is a calculate-able database activity — William Lu #Moot15

Time Tracking

Where has the time gone?

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

[Export](#)

[Templates](#)

[Fields](#)

[Presets](#)

There are no fields defined for this database.

Please create some below or [choose a predefined set](#) to get started.

Choose a preset

Create a new field (?)

Choose...

Default sort field

Time added

Ascending

Save

Use preset

... a calculate-able database activity — William Lu #Moot15

Time Tracking

Where has the time gone?

View list View single Search Add entry Export Templates Fields Presets

Export

Export as zip

Export

Save as preset

Name*

Time Tracking

Overwrite Overwrite the preset if it already exists

Continue

There are required fields in this form marked *.

Import

Import from zip file

Choose file*

Choose a file...

You can drag and drop files here to add them.

Import

There are required fields in this form

Use a preset

Image gallery

Choose

1

2

Select 'Import'

Drag and drop preset zip file

Time Tracking

Where has the time gone?

View list View single Search Add entry Export Templates Fields Presets

Field mappings

startminute	Create a new field
starthour	Create a new field
endminute	Create a new field
endhour	Create a new field
task	Create a new field
timespent	Create a new field
date	Create a new field
detail	Create a new field

All old fields not mapped to a new field will be lost and all data in that field will be removed.

Overwrite current settings

Continue

3

Nothing to change, just select 'Continue'

Time Tracking

Where has the time gone?

View list View single Search Add entry Export Templates Fields Presets

The preset has been successfully applied. Add entries to this database.

Continue

4

Select 'Add entries' to start

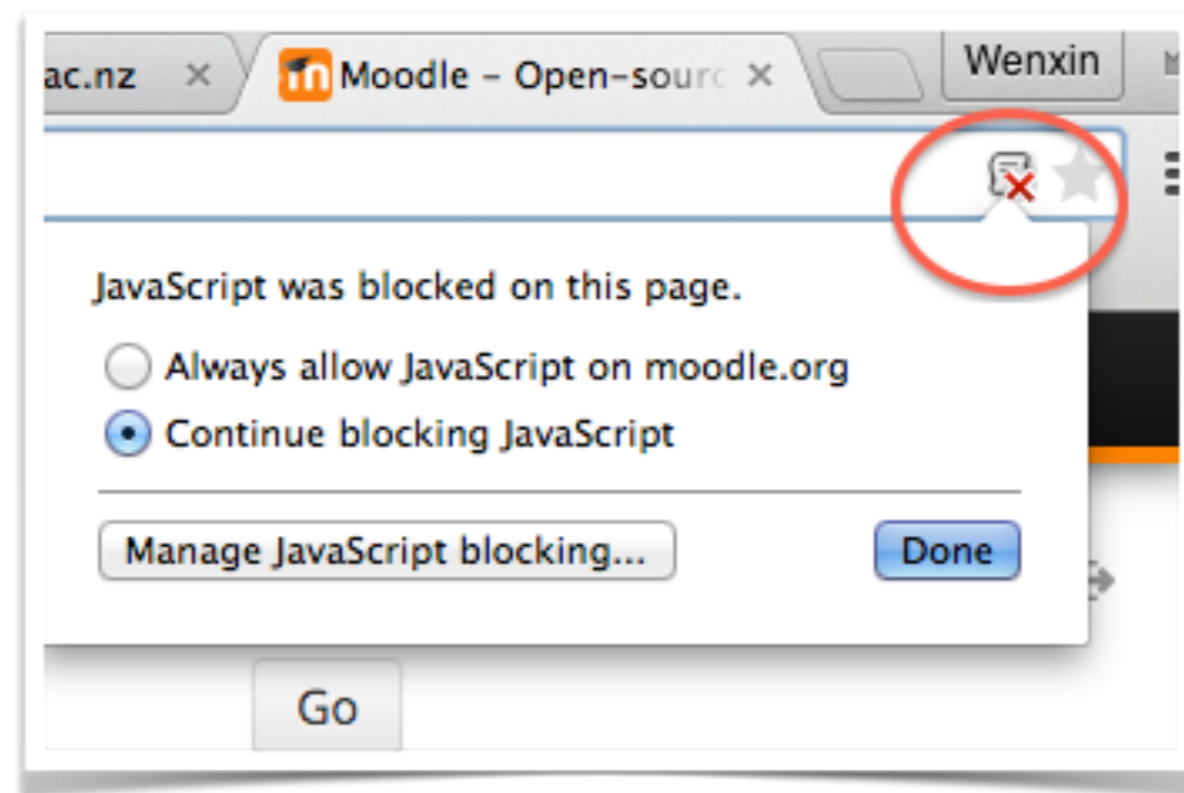
OTHER EXAMPLES

at the Moodle Database forum

<https://moodle.org/mod/forum/discuss.php?d=140433>

ISSUES

The calculation **won't** work at all if JavaScript is **disabled** in user's browser settings. All calculable cells will be empty, no error message in Moodle page. But the browser will show a warning icon - users can click on the icon to allow JS.



CREDIT

Code inspired by

Itamar Tzadok

Yong Li

and other Moodlers

NOTE

Code tested on Moodle1.9 and Moodle2x

Screenshots based on Moodle2.6

Any Questions?