



StudentQuiz – Empowering Students



Student

Quiz



StudentQuiz – Las Ventajas

- Cooperación
 - Tú no estás solo
- Constructivismo
 - Es bueno contestar una pregunta y aún mejor crear una nueva
- Colaboración
 - Crea y comparte
 - Inteligencia colectiva
- Inspiración
 - La creatividad de los estudiantes a menudo conmueve.



StudentQuiz – Características principales

- StudentQuiz conduce el contenido de Moodle al estudiante.
- StudentQuiz permite a los estudiantes crear en colaboración sus propios grupos de preguntas.
- Los estudiantes pueden filtrar las preguntas de entre las pruebas y pueden evaluar y comentar las preguntas mientras trabajan en ellas.
- StudentQuiz colecciona los datos de cada pregunta y evalúa a los estudiantes basándose en su contribución y sus respuestas.
- La Asistencia Personal de Aprendizaje muestra a cada estudiante su progreso individual en el proceso de aprendizaje y lo compara con la Comunidad.
- Las preguntas creadas pasan a formar parte del banco de preguntas de Moodle. Así que pueden ser usadas en otras pruebas de Moodle.
- StudentQuiz fue desarrollada en la University of Applied Sciences Rapperswil. Es un Software libre GPLv3, controlada desde 3.1 a 3.5 y multilingüe. Se puede descargar desde el Directorio del Moodle Plugin.



StudentQuiz – Create a new StudentQuiz activity

▼ Advanced settings

Make students anonymous [?](#)

Created question factor



10

Approved question factor



5

Rating factor



3

Latest correct answer factor



2

Latest wrong answer factor



-1

Allowed question types



- Allow all question types Multiple choice True/False Matching Short answer Numerical Essay Calculated
 Calculated multichoice Calculated simple Description Drag and drop into text Drag and drop markers
 Drag and drop onto image Embedded answers (Cloze) Select missing words



StudentQuiz – Main view

StudentQuiz WI1 FS18



Create new question

Filter

Fast filter for questions

Unanswered Approved Good Mine Difficult for me Difficult for all

Filter Reset

Show more...

With selected:

Start Quiz

« 1 2 3 4 5 6 7 8 9 10 ... 24 »

Page size: 20

Show all 469

<input type="checkbox"/>	ApprovedQuestion	Created by First name / Surname / Date	Tags	My Attempts Number / Latest	Difficulty Average / Mine	Rating Average / Mine	Comments
<input checked="" type="checkbox"/>	Data-Warehouse	Anonymous Student 29 April 2018, 11:11 AM	AA	1 n.a.			n.a.
<input checked="" type="checkbox"/>	Workflow Management System	Anonymous Student 29 April 2018, 10:54 AM	QA	1 n.a.			1
<input checked="" type="checkbox"/>	Data Mining Prodigio	Simon Schaefer 29 April 2018, 12:31 AM	AA	1 n.a.			n.a.
<input checked="" type="checkbox"/>	Innovation im Markt Selfnation	Simon Schaefer 29 April 2018, 12:24 AM	QA	1 n.a.			n.a.
<input checked="" type="checkbox"/>	Markt und Werte Google	Simon Schaefer 29 April 2018, 12:19 AM	WO	1 n.a.			n.a.
<input checked="" type="checkbox"/>	Horizontale Integration	Anonymous Student 26 April 2018, 7:45 PM	II	1 n.a.			n.a.
<input checked="" type="checkbox"/>	Probleme der Integration	Anonymous Student 26 April 2018, 6:02 PM	II	2 n.a.			n.a.
<input checked="" type="checkbox"/>	Objektintegration	Anonymous Student 26 April 2018, 5:44 PM	II	2 n.a.			n.a.
<input checked="" type="checkbox"/>	Workflow Management System	Anonymous Student 25 April 2018, 10:04 PM	QA	1 n.a.			n.a.
<input checked="" type="checkbox"/>	Excel	Anonymous Student 25 April 2018, 8:56 AM	AA	1 n.a.			n.a.
<input checked="" type="checkbox"/>	Balanced Scorecard	Anonymous Student 24 April 2018, 11:04 PM	AA	3 n.a.			n.a.
<input checked="" type="checkbox"/>	Data Warehouse	Anonymous Student 24 April 2018, 9:31 PM	AA	1 n.a.			1
<input checked="" type="checkbox"/>	Full materialization	Anonymous Student 24 April 2018, 3:32 PM	AA	3 n.a.			1
<input checked="" type="checkbox"/>	Business Intelligence	Anonymous Student 24 April 2018, 1:15 PM	AA	5 n.a.			n.a.
<input checked="" type="checkbox"/>	Benchmarking	Anonymous Student 24 April 2018, 10:16 AM	AA	2 n.a.			n.a.
<input checked="" type="checkbox"/>	Allgemeines zu Analytischen Anwendungssystemen	Anonymous Student 23 April 2018, 11:59 PM	AA	3 n.a.			1

My Progress



Ranking

1. Simon Schaefer **845**
2. Anonymous Student **831**
3. Anonymous Student **710**
4. Anonymous Student **679**
5. Anonymous Student **633**
6. Anonymous Student **633**
7. Anonymous Student **622**
8. Anonymous Student **473**
9. Anonymous Student **372**
10. Anonymous Student **302**



StudentQuiz – Question filters

▼ **Filter**

Fast filter for questions

Unanswered Approved Good Mine Difficult for me Difficult for all

Tag contains

Approved questions any value

Rating Is higher

Difficulty Is higher

Attempts Is higher

Comments Is higher

Question title contains

Question content contains

My questions

Creation is after 19 June 2018 Enable
is before 19 June 2018 Enable

My latest attempt any value

My attempts Is higher

My difficulty Is higher

My Rating Is higher

Filter **Reset**



StudentQuiz – Running a quiz

Information

Not complete

Marked out of
1.00



la terra és rodona

Select one:

True

False

Check

Rate :

Add comment :

Bastante difícil

Add comment

1 June 2018, 11:10 PM | Laia Canet

[remove](#)

m'agradaria tenir més feedback

1 June 2018, 11:33 PM | Laia Canet

[remove](#)

podria estar millor epxlicat...



StudentQuiz – Personal Learning Assistance

Level Questions

The 'Level Questions' interface displays a grid of question cards. Each card features a lightning bolt icon and a star rating. The cards are arranged in a grid, and the user can filter and reset the questions.

Level Quiz

The 'My Progress' section shows a progress bar and the following statistics:

- Latest attempt correct: 383
- Latest attempt wrong: 19
- Questions never answered: 67
- Questions available: 469
- Questions approved: 4
- Questions created: 4

A red circle highlights the 'My Progress' statistics, which are repeated from the main 'My Progress' section.

1 FS18

Unanswered Approved Good Mine Diffk

Filter Reset

7 8 9 10 ... 24 >

Created by	Tags	My Attempts	Difficulty	Rating	Comments
First name / Surname / Date		Number / Latest	Average / Mine	Average / Mine	
Anonymous Student 24 April 2018, 11:11 AM	AA	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 29 April 2018, 12:24 AM	OA	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	1
Simon Schaefer 29 April 2018, 12:31 AM	AA	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Simon Schaefer 29 April 2018, 12:24 AM	OA	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Simon Schaefer 29 April 2018, 12:19 AM	WO	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 25 April 2018, 7:45 PM	II	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 26 April 2018, 6:02 PM	II	2 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 26 April 2018, 5:44 PM	II	2 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 25 April 2018, 10:04 PM	OA	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 25 April 2018, 8:58 AM	AA	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 24 April 2018, 11:04 PM	AA	3 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 24 April 2018, 9:31 PM	AA	1 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	1
Anonymous Student 24 April 2018, 3:32 PM	AA	3 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	1
Anonymous Student 24 April 2018, 1:15 PM	AA	5 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 24 April 2018, 10:16 AM	AA	2 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	n.a.
Anonymous Student 23 April 2018, 11:59 PM	AA	3 n.a.	⚡⚡⚡⚡⚡	★ ★ ★ ★ ★	1

A red circle highlights a specific question entry in the table, showing the lightning bolt icon, difficulty tag (II), and star rating (5 stars).



StudentQuiz – Gamification

StudentQuiz WI1 FS18

Create new question

Filter

Fast filter for questions

Unanswered

Filter

Show more...

With selected:

Start Quiz

« 1 2 3 4 5 6 7 8 9 10 ... 24 »

Show all 469

ApprovedQuestion	Created	First	Last	Grade	Attempts	Rating	Comments
Data-Warehouse	29 April 2018, 12:19 AM	Simon Schaefer	Anonymous Student	WG	1 n.a.	☆☆☆☆	n.a.
Workflow Management System	25 April 2018, 7:45 PM	Anonymous Student	Anonymous Student	II	1 n.a.	☆☆☆☆	n.a.
Data Mining Prodigio	26 April 2018, 6:02 PM	Anonymous Student	Anonymous Student	II	2 n.a.	☆☆☆☆	n.a.
Innovation im Markt Selfmation	25 April 2018, 10:04 PM	Anonymous Student	Anonymous Student	OA	1 n.a.	☆☆☆☆	n.a.
Markt und Werte Google	25 April 2018, 8:58 AM	Anonymous Student	Anonymous Student	AA	1 n.a.	☆☆☆☆	n.a.
Horizontale Integration	24 April 2018, 11:04 PM	Anonymous Student	Anonymous Student	AA	3 n.a.	☆☆☆☆	n.a.
Probleme der Integration	24 April 2018, 9:31 PM	Anonymous Student	Anonymous Student	AA	1 n.a.	☆☆☆☆	1
Objektintegration	24 April 2018, 5:44 PM	Anonymous Student	Anonymous Student	AA	3 n.a.	☆☆☆☆	1
Workflow Management System	24 April 2018, 3:32 PM	Anonymous Student	Anonymous Student	AA	5 n.a.	☆☆☆☆	n.a.
Excel	24 April 2018, 1:15 PM	Anonymous Student	Anonymous Student	AA	2 n.a.	☆☆☆☆	n.a.
Balanced Scorecard	23 April 2018, 11:59 PM	Anonymous Student	Anonymous Student	AA	3 n.a.	☆☆☆☆	1
Data Warehouse							
Full materialization							
Business Intelligence							
Benchmarking							
Allgemeines zu Analytischen Anwendungssystemen							

Ranking

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Page size: 20

Rating Average / Mine Comments

☆☆☆☆	n.a.	
☆☆☆☆	1	
☆☆☆☆	n.a.	
☆☆☆☆	n.a.	
☆☆☆☆	n.a.	
☆☆☆☆	n.a.	
☆☆☆☆	n.a.	
☆☆☆☆	n.a.	
☆☆☆☆	n.a.	
☆☆☆☆	1	
☆☆☆☆	1	
☆☆☆☆	n.a.	
☆☆☆☆	n.a.	
☆☆☆☆	1	

My Progress

Latest attempt correct 383

Latest attempt wrong 19

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StudentQuiz – Ranking view

Ranking



How your points are calculated

Name	Factor	Description
Created question factor	10	Points for each created question
Approved question factor	5	Points for each approved question
Rating factor	3	Points for each star received.
Latest correct answer factor	2	Points for each correct answer on the last attempt
Latest wrong answer factor	-1	Points for each wrong or partially wrong answer on the last attempt

Student ranking - Top 10

Rank	Fullname	Total Points	Points for questions created	Points for approved questions	Points for stars received	Points for latest correct attempts	Points for latest wrong attempts	Personal progress
1	Simon Schaefer	845.1	40	20	38.12	766	-19	82 %
2	Anonymous Student	830.9	120	60	97.92	760	-207	81 %
3	Anonymous Student	709.9	70	10	56.91	606	-33	65 %
4	Anonymous Student	679.4	50	20	38.4	634	-63	68 %
5	Anonymous Student	633.2	60	20	47.15	558	-52	59 %



StudentQuiz –Statistics view

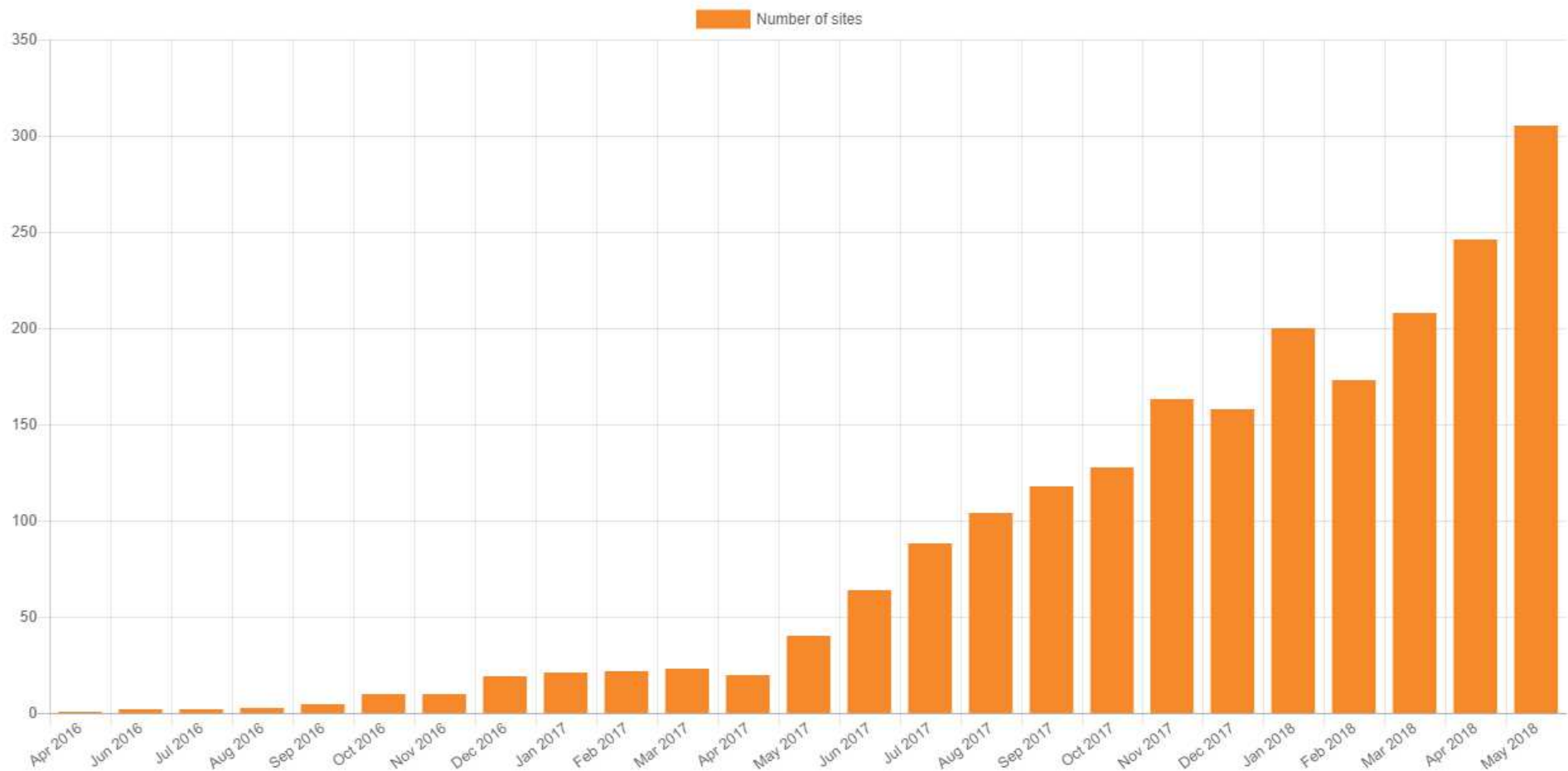
Statistics

Personal Statistics	Value	Community Statistics	Value
Number of questions you have contributed	4	Number of questions in this StudentQuiz	469
Number of your approved questions	4	Number of approved questions	375
Your received rating average	3.18	Rating average of all questions	2.73
Total of all your answers	685	Community average of all answers	95.89
Percentage of your correct answers	59 %	Community percentage of correct answers	57 %
Personal Progress	82 %	Average Community Progress	10 %



StudentQuiz acceptance

Number of sites using the plugin: 305





Ejemplo de la Universidad de Otago, Nueva Zelanda

- La Universidad de Otago empezó en la Facultad de Medicina con 1800 estudiantes
 - 5 Bancos compartidos:
 - Obstetricia y ginecología contienen 450 preguntas
 - Pediatría contiene 400 preguntas
 - Psicología contiene 400 preguntas
 - Patología contiene 900 preguntas
 - Farmacología contiene 500 preguntas
 - El curso de revisión estudiantil del quinto año contiene 5750 preguntas
 - Hasta 120 estudiantes trabajando simultáneamente
 - Ninguna evaluación de rendimiento
- Ahora la Universidad de Otago ha abierto Studentquiz para todos sus 20 000 estudiantes



Ejemplo Open University UK



Big numbers

2012 onwards

- **100k** students on around **500** live course presentation websites and **3000+** historical sites.
- Average **30k** students visit per day.
- Over **1 million transactions per day**. *Peaked to 2.3 million on 5th October 2015*
- Unique users per day averaging **40,000**. *Peaked at 52,425 on 5th October 2015*
- Forum views per day averaging **175,000**. *Peaked at 260,000 on 14th January 2014.*

- The Open University UK formally accepted StudentQuiz in March 2018.
- By mid-June 2019, StudentQuiz will be generally available as a learning activity in all Open University modules.












Example University of Applied Sciences Rapperswil

- Course with 80 students
- Each student was asked to provide 4 questions
- During the course of the semester we shared 540 questions
- 14960 answers were given!!!

Wirtschaftsinformatik 1 FS2017

Computed from logs since Wednesday, 23 July 2014, 11:53 AM.

Activity	Views
 Nachrichtenforum	523 views by 64 users
 Chatroom	95 views by 31 users
 Semesterprogramm WI1 FS17	282 views by 65 users
 Lehrmittel Wirtschaftsinformatik 1	79 views by 38 users
 Companion Website	61 views by 36 users
 StudentQuiz WI1	14960 views by 81 users
 Anleitung zur Erstellung guter MC-Fragen	177 views by 69 users
 Testatmodalitäten	672 views by 78 users
 Prüfungsmodalitäten	263 views by 75 users



A student's voice

StudentQuiz ha sido muy útil para mí para ponerme al día con mi clase.

Con StudentQuiz he podido chequear directamente mis conocimientos y consolidar la comprensión de la materia.





Find all resources at <http://studentquiz.hsr.ch>

■ Introduction video

■ Manuals

■ Sandbox

■ Contact

■ Download

■ Available in Catalan, Castellano, and other languages

The screenshot shows the StudentQuiz website interface. At the top, there is a navigation bar with a hamburger menu icon, the text "StudentQuiz", a language dropdown set to "English (en)", and a login status "You are not logged in. (Log in)". Below the navigation bar is a large white box containing the text "StudentQuiz". Underneath this is another white box with the heading "What is StudentQuiz all about?". The main content area contains several paragraphs of text explaining the purpose of the plugin, its benefits for students and teachers, and a list of configuration options for teachers. At the bottom of the main content area, there is a video player showing a video titled "Moodle Plugin StudentQuiz 3.0" with a thumbnail image of the plugin's interface and a play button. The video player shows a progress bar at 0:00 / 17:05.

StudentQuiz

What is StudentQuiz all about?

Students like questions to help them prepare for exams. However, it's hard to provide enough questions for many self-assessments and exams. That's one reason why the [University of Applied Sciences Rapperswil](#) developed the Moodle plugin StudentQuiz. StudentQuiz enables students to collaboratively create their own question pools within Moodle. Even if an individual student contributes a few questions only, a large cohort could easily build up an extensive question pool.

In StudentQuiz, students can filter questions into quizzes, and they can rate and comment on questions while working through the quizzes. StudentQuiz collects usage data for each question and ranks students based on their contribution and performance within the quizzes. A personal learning assistance displays the individual progress and compares it with the community average. The created questions become part of the Moodle question bank and can be reused in other Moodle quizzes.

A teacher can configure:

- whether students' names are displayed or kept anonymous.
- what questions types are allowed to be added to the pool.
- the number of points assigned to questions contributed and answers given.

There are more benefits of using StudentQuiz. Find out in our introduction video.

Moodle Plugin StudentQuiz 3.0
HSR-Frank Koch
Moodle Plugin StudentQuiz 3.0
Tutorial for Teachers
University of Applied Sciences Rapperswil
St. Rapperswil

0:00 / 17:05



Resumen

- El contenido de Moodle está muy orientado hacia los profesores. StudentQuiz es una oportunidad para crear contenido dirigido a los estudiantes.
- Los estudiantes aprenden más creando preguntas que consumiéndolas solamente.
- Aunque un único estudiante coopere poco, un grupo más grande puede construir fácilmente un grupo de preguntas más extenso.
- Aunque StudentQuiz se focaliza en un colectivo, cada estudiante recibe una apreciación global sobre su rendimiento individual.
- StudentQuiz gestiona la calidad a través de evaluaciones, comentarios y aprobaciones.
- StudentQuiz te ayuda a gestionar una gran cantidad de preguntas.
- Se puede restringir los tipos de preguntas permitidas.
- Las preguntas se pueden reusar en recursos Moodle.
- La tabla de clasificación crea competición y se puede usar para chequear el aporte y el rendimiento.
- StudentQuiz se presta al juego y es divertido.