Table of Content

[Intallation 1](#_Toc88219792)

[Where to find the plugin](#_Toc88219792) 2

Visibility access …………………………………………………………………………………………………………………………… 2

Structure ……………………………………………………………………………………………………………………………………… 2

How it works………………………………………………………………………………………………………………………………… 2

[General Measures](#_Toc88219795) 3

Measures per Tool ……………………………………………………………………………………………………………………….. 3

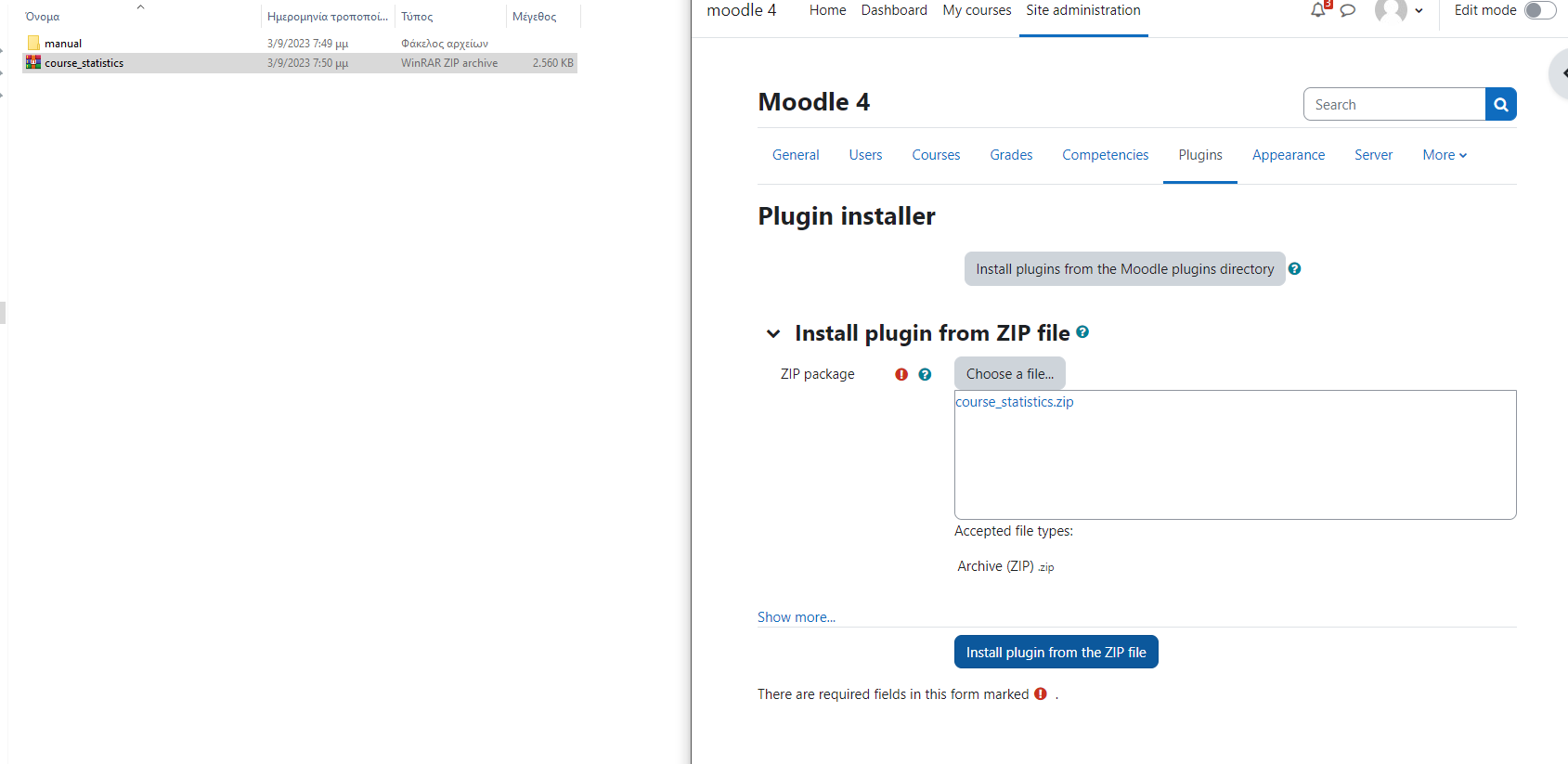
Measures for the Forum .……………………………………………………………………………………………………………… 6

Measures for the Quiz …………………………………………………………………………………………………………………. 6

BLOCK COURSE STATISTICS

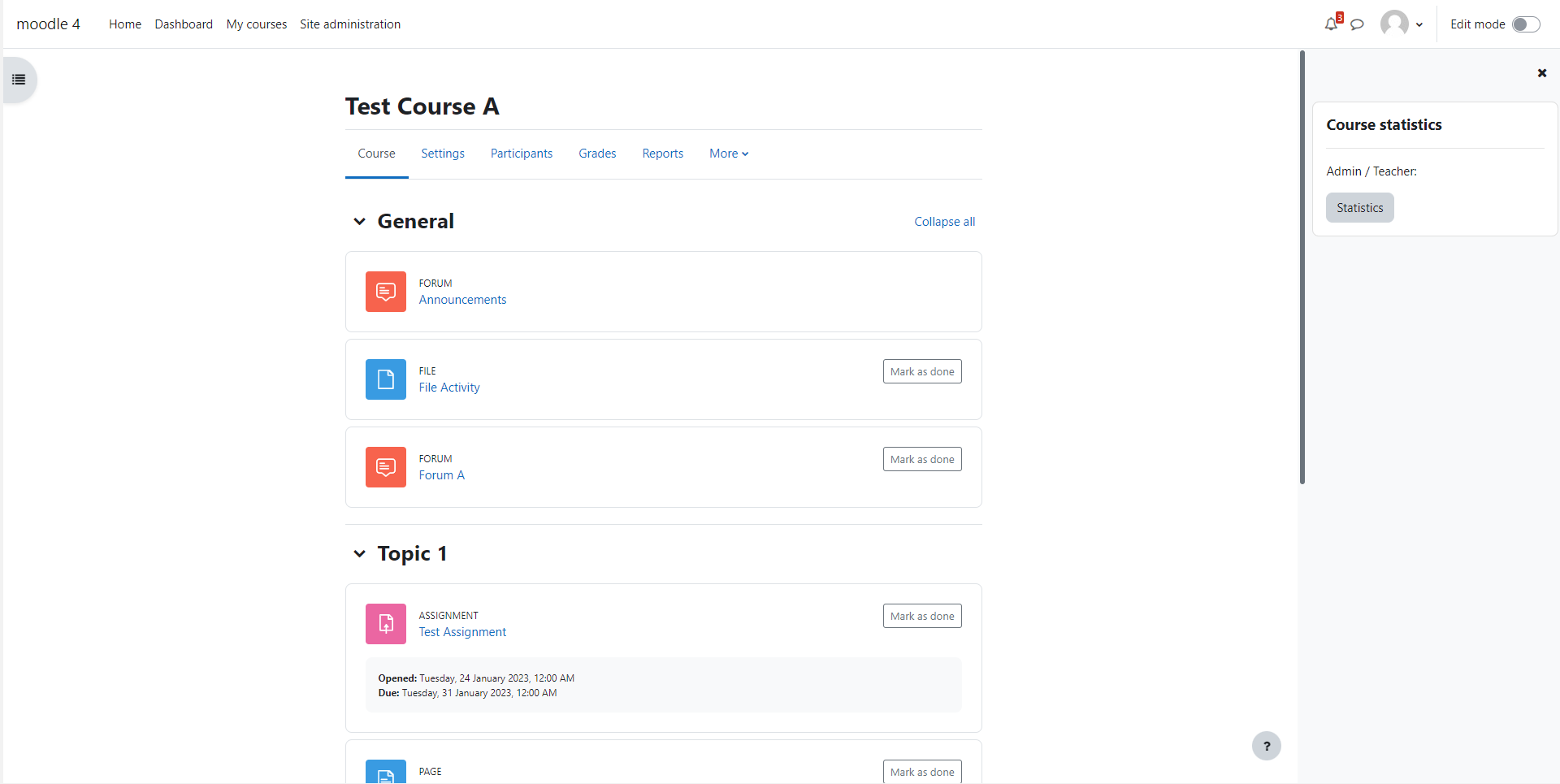
Installation

Navigate to Site administration / Install plugin. Choose the zip file and place it to the upload area.



Where to find the plugin

1. Navigate to Site administration / Manage course and categories
2. The plugin is displayed at the right panel as a block



Visibility Access

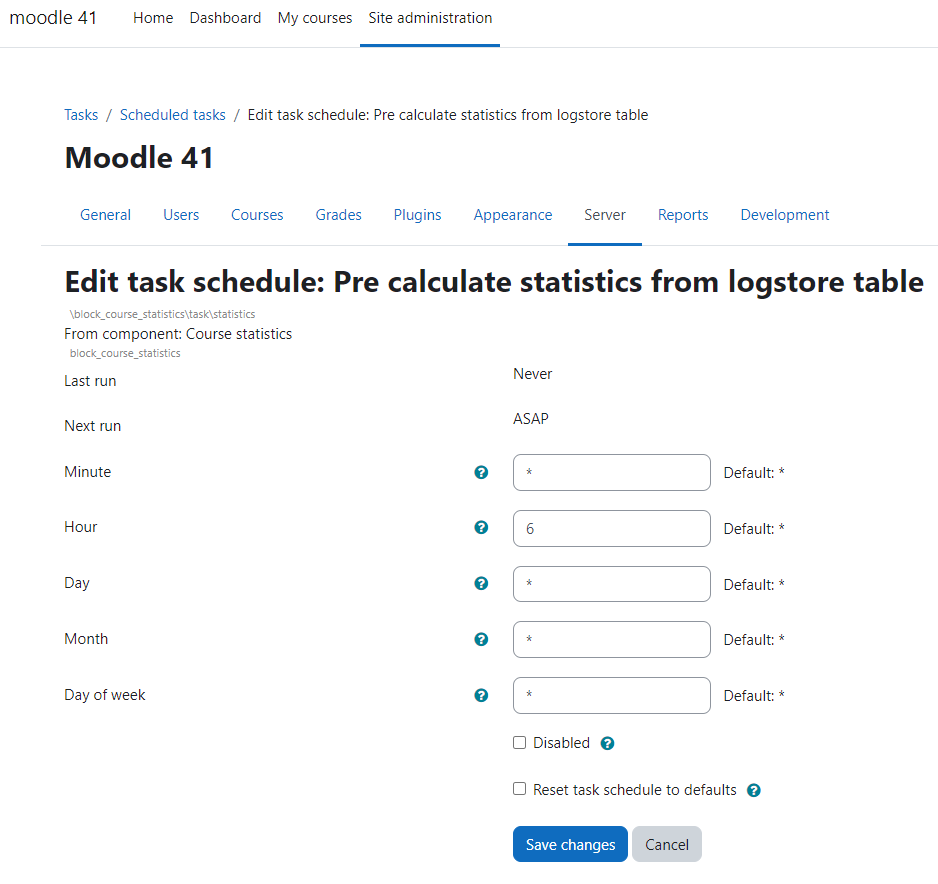
The block plugin can be seen from admin/manager , teacher and editing teacher roles.

The block is not necessary to be install in all courses , one is enough. When installed the admin will be able to see statistics for all courses. In the cases of teachers the block must be installed to a course that the user is teacher, then the block will find all other courses that this user is teacher and will show the statistics.

\*The manual for admin and teachers are exactly the same.

How it works

## The block uses a schedule task ‘**Pre calculate statistics from logstore table’** to retrieve information from the logs of moodle and saves it to its own tables. So the block shows precalculated data from moodle logs. The schedule task is set to run every 6 hours to collect data from the moodle logs. The time of scheduled task can be modified at **Site administration/Server/Scheduled tasks**



Structure

The plugin is divided in 3 areas.The top one is the main menuThe middle is the be period filters

The third is a data table generated based on the main and period filter selection.

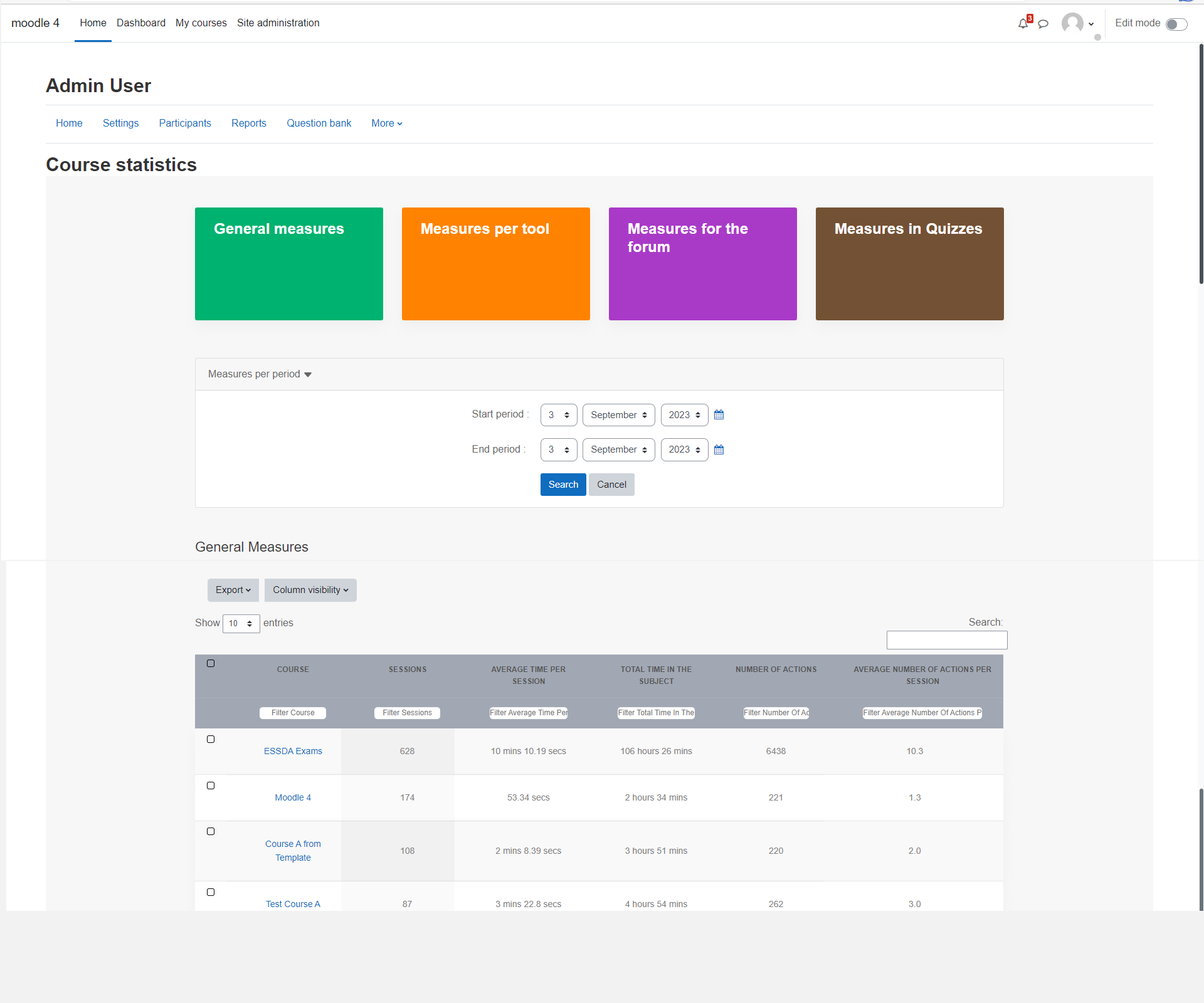
The first page of the plugin are the course’s general measures.

General Measures

The Data table results are providing to the user (teacher/administrator) basic statistics, such as:

* Course Title,
* Sessions in Course (users enters the course ),
* Average time per session (average time user spent per session [users total sessions/users total sessions time]),
* Total time in the subject (course),
* Number of Actions (users actions in course, example enter forum(1 action), write a post (2 actions, enter scorm (3 actions), view page module (4 actions)…)),
* Average Number of Actions per Session ([users total actions/users total sessions])

The user (teacher/administrator) by selecting the course title will be able to view more detail statistics for all the users in course.



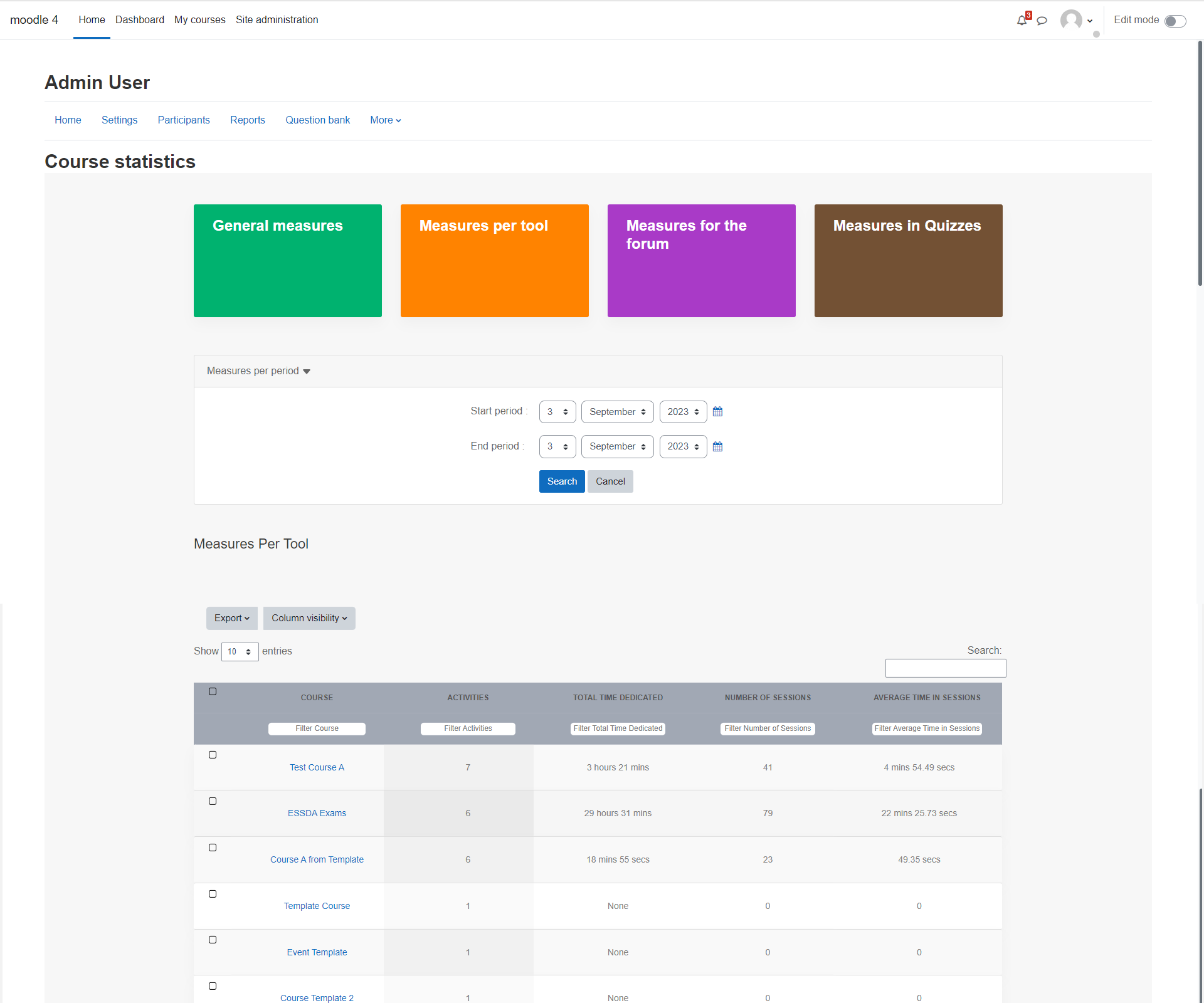
The general measures category has 2 data tables the first one shows the total records for each course and the second one records foreach user in a course that is selected.

Measures per Tool

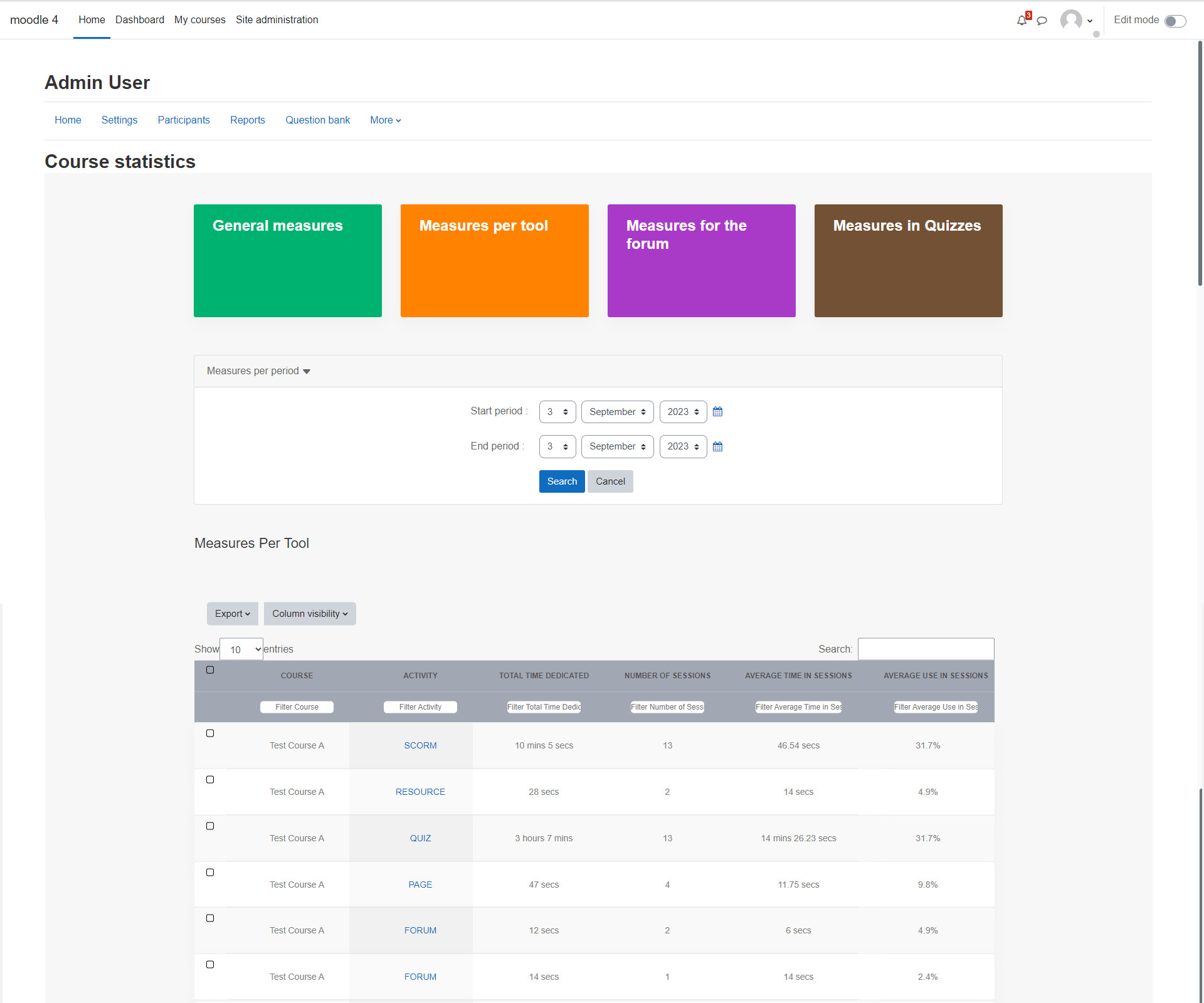
The first page of Measures per tool shows the total time and average time of users in the course

for each activity/module/concrete tool(activity=module=concrete tool) that exist in it.

The teacher/administrator by selecting an activity is able to view more detailed statistics.



Detailed Data table results for all activities in course.

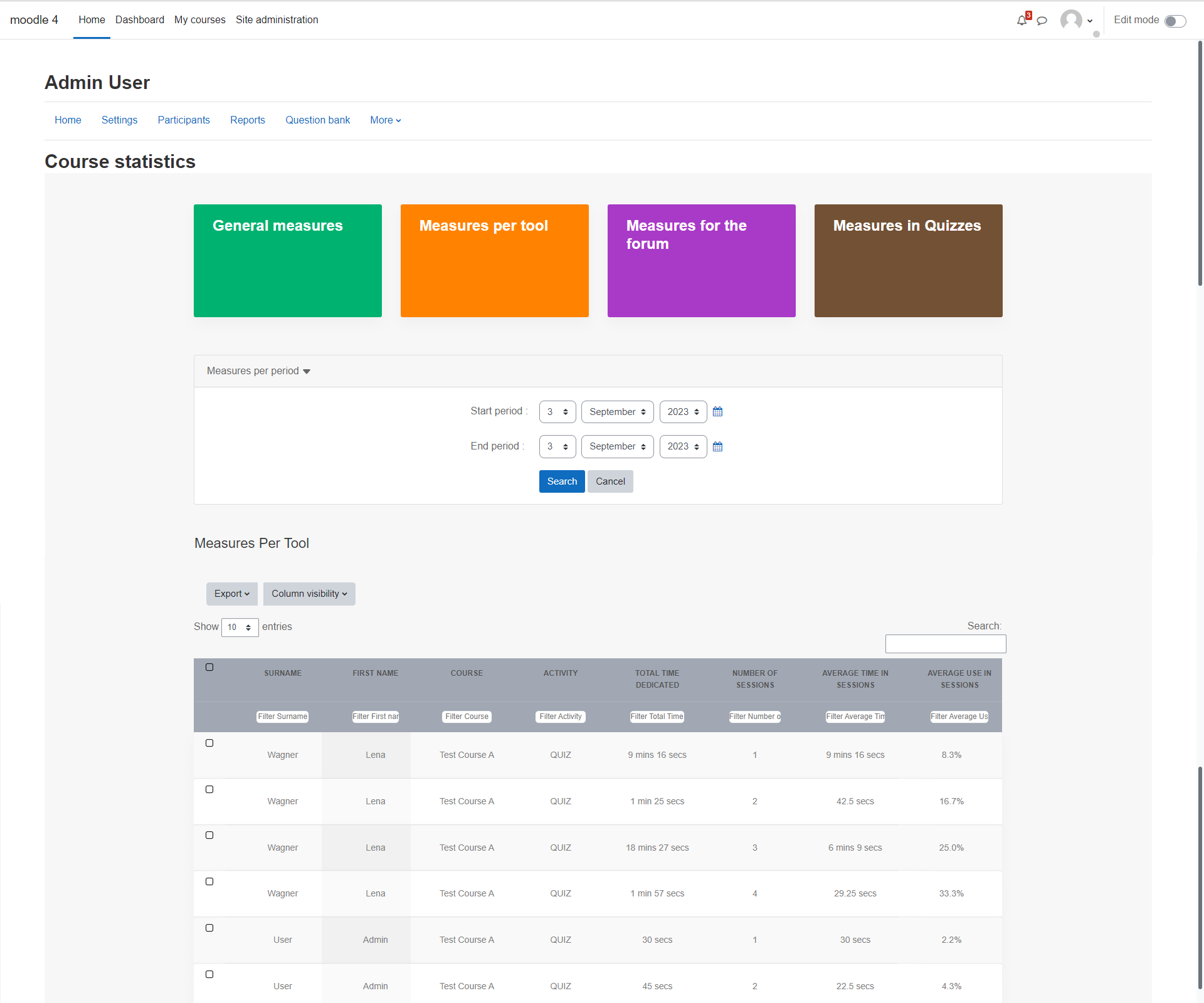


* The scorm,quiz session time starts to count while user enter the activity and not whwn start the attempt or scorm. Both modules/activities have a lobby section. For example the system will count as session the user’s time in the lobby area without entering the quiz or scorm. So session != attempt.

Based on the selected activities from the previous page the teacher/administrator will be able to see the proper results.

Data table fields:

* Last name (user last name),
* First name (user first name),
* Course title,
* Activity (activity that exist in course and the user was active),
* Total time dedicated (user time spent in the activity),
* Number of sessions (how many times the user enteredthe activity),
* Average time in sessions ([user\_total\_time\_in activity/ how many times the user entered the activity])
* Average use in sessions ([user\_course\_total\_sessions/ how many times the user enteredthe activity])



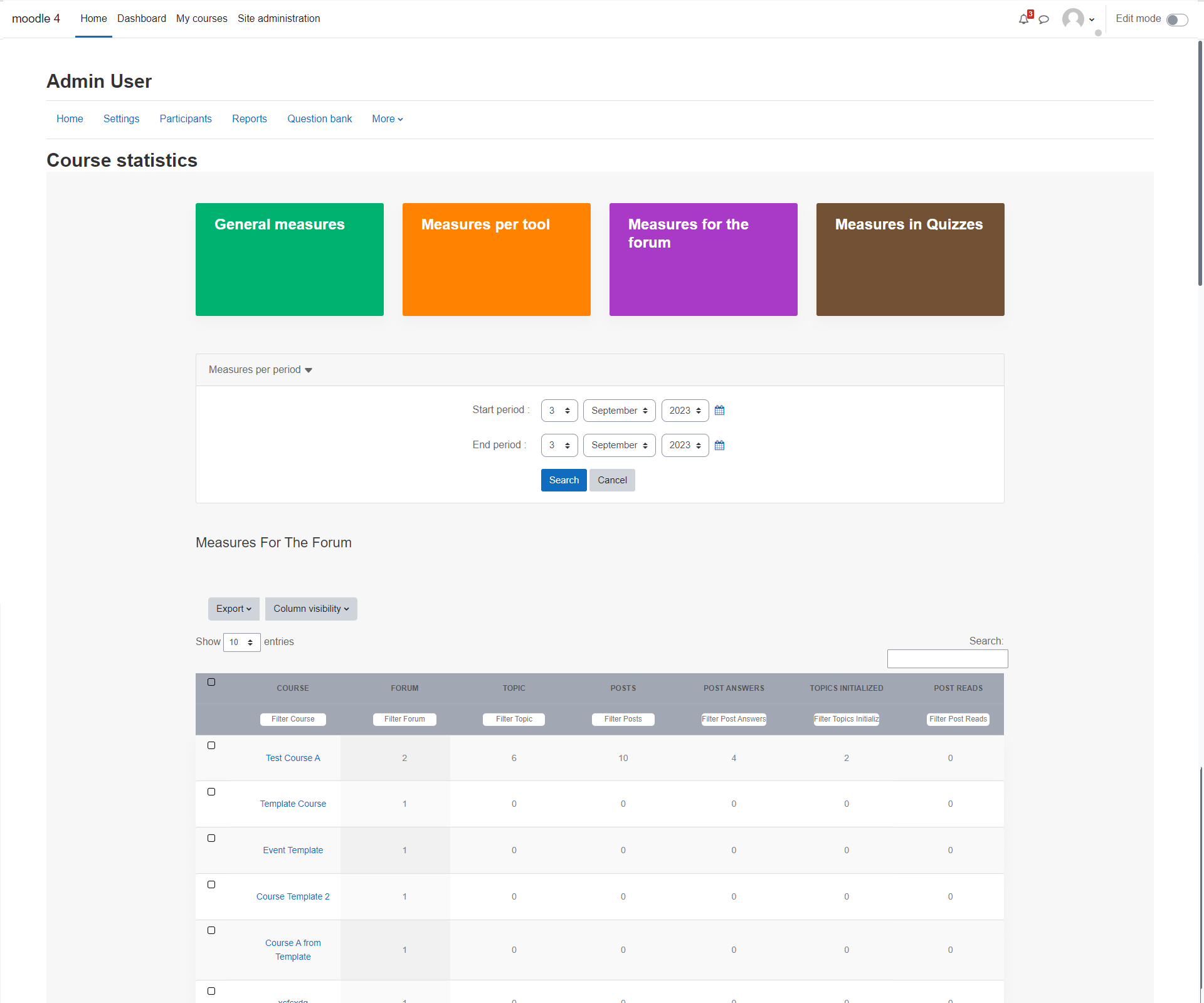
The measures per tool category has 3 data tables the first one shows the total records for each course, the second one measures for each activity in a course and the third one records foreach user in an activity that is selected.

Measures for the Forum

The teacher/administrator by selecting the topic name, will be able to see more detail statistics for each user That was active in that topic.

Data table fields :

* Last name,
* First name,
* Course title,
* Forum title,
* Topic name (a category in Forum),
* Posts (how many posts the user has in the topic),
* Post answers (how many posts have the user answered),
* Topic initialized (If the topic is initialized, optional in this page),
* Post reads (How many posts have been read by the user)



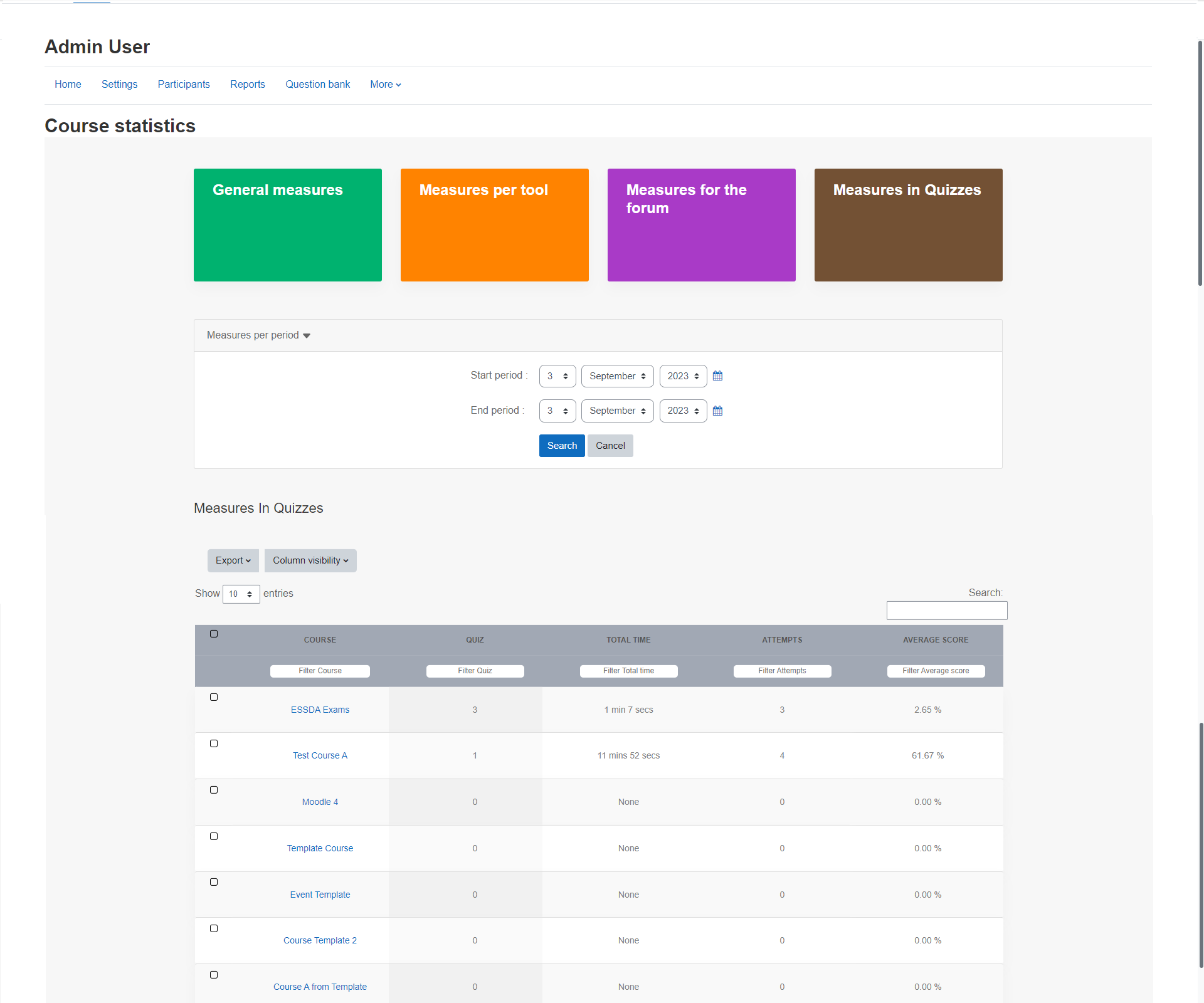
Measure for the Quiz

The first page of Measures In Quizzes shows the Total time, Attempts, Average Score, Skipped Questions of users in quizzes that exist in the course.

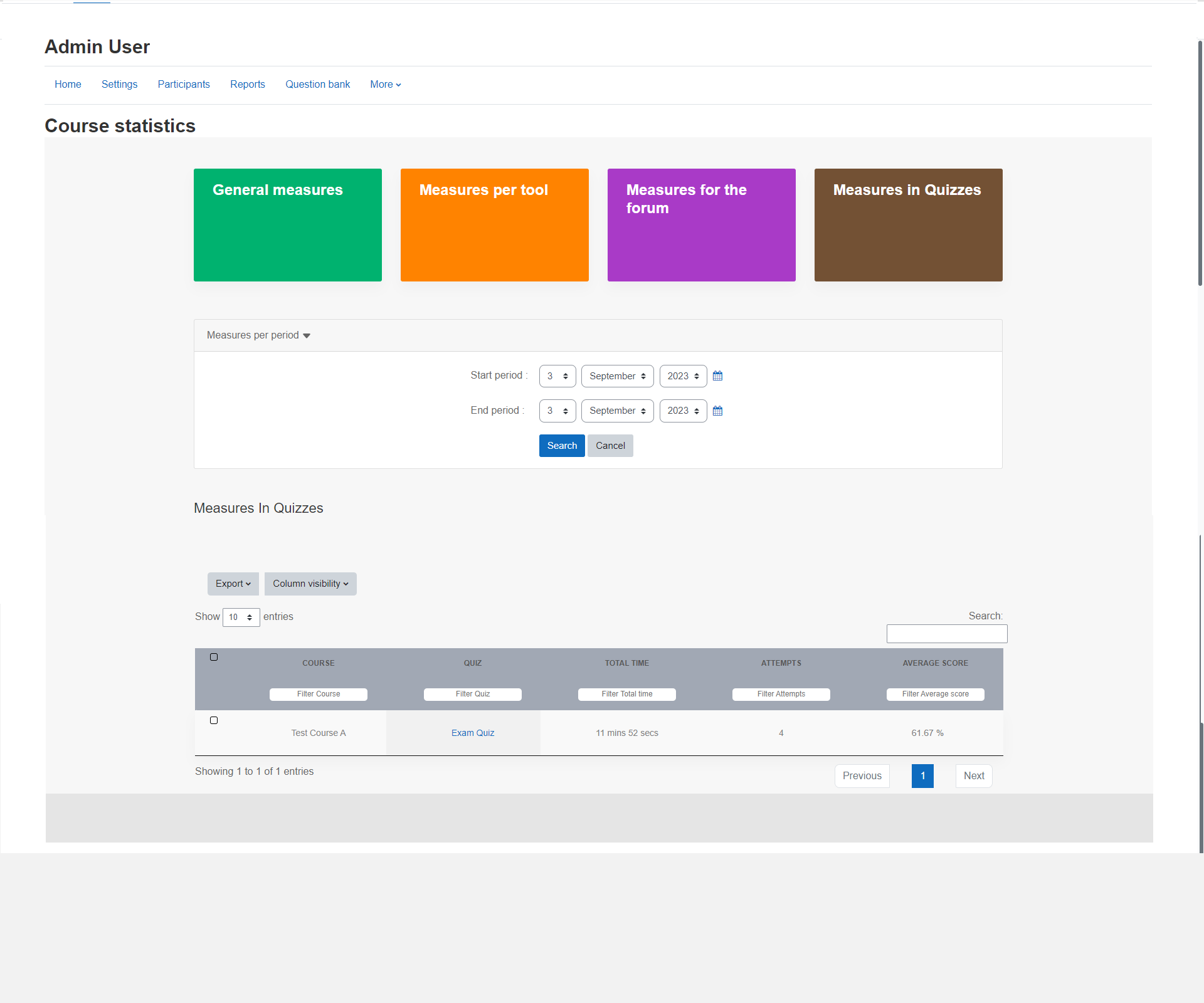
Data table fields :

* Course title,
* Quiz title,
* Total time (Quiz total time attempted from all participants)
* Attempts (The total users attempts),
* Average Score (The total average score of all users in quiz)
* Skipped Questions (users went back and forward in a question)

The teacher/administrator by selecting the Quiz titleis able to view more detailed statistics.



The teacher/administrator by selecting the Quiz title is able to view more detailed statistics.



Data table fields :

* Last name,
* First name,
* Course title,
* Quiz title,
* Total time (Quiz total time attempted from all participants)
* Attempts (The total users attempts),
* Average Score (The total average score of all users in quiz)
* Answers (redirects to users attempt)

