File name	What's new in 14.0
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1   Introduction

This document outlines the key infrastructure changes, newly introduced features, improvements to existing functionalities, and bug fixes included in the 14.0 release. It provides a comprehensive overview of updates designed to enhance system performance, expand functionality, and address known issues, ensuring a more robust and user-friendly experience.

2 Infrastructure changes

1. Migrated the application from Apache Tomcat 9 to Apache Tomcat 10.1.29. The migration includes updates to ensure compatibility with Jakarta EE specifications.
2. Updated libraries and resolved vulnerabilities scheduled for this release.
   a. Third-Party License Notice - 14.0 Release
   b. Dependency Check Report - 14.0 Release
3. Upgraded Eclipse Adoptium Java version from Java 11 to Java 21
4. Migrated from PostgreSQL 14 to PostgreSQL 16
5. Migrated from Ubuntu OS 22.04 LTS to Ubuntu OS 24.04 LTS

3 New features

1. Added a report for Scores by question pools that can be accessed from the "Reports" tab on a test. (f237202306) Screenshot
2. Added a new billing report for the number of test attempts that are not proctored monthly. (726a8f000e) Screenshot
3. Added "Minutes spent on proctoring for each user" predefined report. (01fb881351) Screenshot
4. A table of all question pools is now displayed on the "Question pools" page when no specific pool is selected. (3a3861f9fb) Screenshot
5. The table of all certificates is now displayed on the "Certificates" page when no specific certificate is selected. (ab7cac1628) Screenshot
6. Images added to questions as additional attachments can be viewed in a gallery below the question text when taking the test. (d3a5aae03f) Screenshot
7. Image zoom now works by zooming in a part of the picture and can zoom in more than before. (4476d4b1da) Screenshot
8. Added the ability to leave comments on questions within question pools or review existing comments. (011c369944) Article
9. Added an option to specify supported, not recommended, and forbidden operating systems for accessing the application. By default, all operating systems are supported. Users can modify the existing configuration by enabling or disabling currently listed operating systems or adding their own. (5fe901413e) Article
10. Added an option to auto-submit single-choice questions in real-time grading tests. (f8cd7033e6) Article
11. Added an option to reset questions on subsequent visits in real-time grading tests. (ac9b9c05a3) Article
12. Added an option to filter questions by question pool when taking a real-time grading test. (2e62577ce6) Article
13. Added option to automatically renew testing session password. (1f543b45b3) Article
14. Added a new billing report for the number of test attempts that are proctored monthly. (ffb76e6f6d) Screenshot

15. Added an option to select a category type when creating it, allowing the same category to be reused for questions, tests, or surveys. (42ce41e023) Screenshot
16. Added Overall user profile information report to the User reports. (3962ffba9c) Article
17. Option to save the "My Tests/My Surveys" table view, including table filters, sorting, and additional filters, for loading later. The table view can be saved as personal or shared with members of the workspace. (8847f01aed) Screenshot

4   Improvements

1. Interface fully translated to all available languages.
2. The 'valid from' and 'valid to' fields are no longer mandatory when assigning a certificate to a user. (ec30328e15)
3. Show all available testing sessions in training courses. (dc4b9f0865)
4. Improved logging for actions performed on testing sessions, providing better traceability of session management activities. (040fa1a553)
5. Tests and surveys can be associated with an unlimited number of categories. (923c4d06d0)
6. Added an attempt status column to the "Progress" view table of candidates' attempts. (43072a5019)
7. Test categories are now present as columns in the My Tests and My Surveys tables. (c593ac8201)
8. Filters for test categories have been added in the filter options in the My Tests and My Surveys tables. (c0853d2176)
9. Added option to modify the question pools of tests generated based on question difficulty. (77f8485a17)
10. Added filter by "Test attempt starting time" to the candidates' attempts tables. (1964ff699e)
11. Screen display toggle between a table, tiles, and calendar is now visible on tablets. (7ff97b835d)
12. Added an option to download attachments that are stored in custom user properties. (6b00911c39)
13. Manual correction of time in date pickers in Filters and add default hours and minutes as 00:00 and 23:59. (38ab9eb266)
14. Added a label to indicate that the current question is a branching question when taking a test. If the branching question is the last question in the test or section, there is a submit button instead of the next question button. (e82fe50c95)
15. Improved the management of common and version external IDs for questions in question pools by adding an option to edit both in one place. (a0065932f9)
16. Optimized the "Manage pools" page loading. (f8a39ed4da)
17. When the "Manage pools" page is accessed by ID, all pools should be displayed in a tree, not just that one. (a96f106d48)
18. A delivery preference option was added to the create testing session. Now, you can choose between handpick tests and choose tests manually or delivery preference and assign the testing session to all tests with the selected delivery preference. (4b0e193db6)
19. Added filters for "Attempt started date" and "Attempt finished date" to the predefined report "Test Results". (1a331c0902)
20. Admin can now see student purchases on the "Balance" tab. (bc6f33bc9d)
21. The user action log now tracks operating system information. (5357a2d7e7)
22. Added instructions to the section level. (33e5e4e5fb)
23. Test images that are not in a square format are no longer stretched. (108e253310)

24. The advanced calculator now resets its position when it is opened. (37dbdc1db5)
25. Added the knowledge base link to the "Templates" tab on the "Settings and customization" page. (c59a7dbdad)
26. The session direct link will redirect the user to the single assignment page. The single assignment page is compatible with all session features, such as payments, authorizations, and session passwords. It displays a design similar to "My assignments," where the user can book/retake the linked session or continue or start the existing attempt. (dd105e83d4)
27. Test managers can no longer manually assign users to a testing session if the seat capacity is full. (3b59f99369)
28. Improved the options on the "Section instructions" dialog settings page. (e3d5a89680)
29. Permission "Change own password" has been improved to allow Two-factor authentication (2FA) settings change on a profile. (f9bd5e92e6)
30. Added French (Switzerland - FR-CH), German (Switzerland - DE-CH), Italian (Switzerland - IT-CH), Spanish (Argentina - ES-AR), Spanish (Mexico - ES-MX), and Spanish (Peru - ES-PE) interface language. (19bff420ba)
31. Redesign for question details on the Question tab on the Manage tests page. (8256dcaabb)
32. Improved take quiz layout on mobile. (789c71a5c2)
33. Improved the overall look of the application on iPads. (260ea52186)
34. Categories can be added to one or multiple workspaces. (6863c27274)
35. Categories added to a workspace are visible to its members without additional workspace role permissions. (30485d9d79)
36. Added the "Publish tests, surveys, or training courses" permission to the workspace role. A user with this permission at the workspace level can now publish tests only within that specific workspace. The functionality of this permission for the user role (system level) remains unchanged. (edfffc0b4b)
37. Test graders should be able to view and access candidate reports. (ac89d35556)
38. Test graders should receive notifications when a test is finished, and grading is required. (c13f3d89c6)

5 Bug fixes

1. Fixed an issue with the preview not working on tests with sections when triggered from the table of all tests. (0a270417be)
2. Fixed an issue where deactivating a testing session would reset some of its settings. (5ac5e4a437)
3. Access to an inactive session via links is prohibited, and inactive sessions, to which a user was manually added, are no longer visible. (0549e411cc)
4. Fixed an issue that allowed candidates to retake or reschedule a test into a session that had no available seats left. (8551a5bb0b)
5. Fixed an issue that allowed candidates to book a common session that had no available seats left. (123e946446)
6. Resolved an issue where branching questions were not displayed in the list of possible questions from a specific pool. (0909940ca6)
7. Fixed an issue that was causing incorrect positioning of the value label on the "Score reports" chart of "User groups" when filtering by a specific user. (b2625d7677)

8. Testing sessions should be available to manage even when the "Testing center" module is disabled. (204c71688d)
9. Fixed an issue preventing the import of questions from QTI into the survey pool. (7286a20d5f)
10. All pools counter in breadcrumb is not updated after pools are created, removed, or updated. (5065b8443a)
11. Fixed an error that occurred when resetting conditions on scheduled reports. (e147629292)
12. Fixed the filters on the "User information" table that are not working properly. (98e0984cf6)
13. Fixed the section selection dialog on mobile. (be380b5335)
14. Fixed filter by username on sessions that are not working properly. (5fc1095827)
15. An unexpected error occurs when saving an enabled Greenhouse integration with an unlimited grading link expiration time. (ca0b2435d1)
16. Fixed an issue where, after a validation failure, opening the dialog to create or edit a question did not reset the input values. (d3c9ae0c32)
17. Fixed issues with breadcrumbs on the Manage tests page. (c60578111e)
18. Fixed an issue where resetting a candidate's attempt on a test with sections, when the 'Section selection' option was enabled, would incorrectly assign all sections, even if the manager had selected only specific sections to assign. (20b4b0e6cc)