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Accessibility, AI Text, and Forum Functionality R&D Project Progress

Friday 28 February 2025 15:05 (30 minutes)

This presentation is a progress report on three Moodle Association of Japan (MAJ) Research and Development (R&D) grant projects. This year, the release of funding for the MAJ R&D grants was significantly delayed resulting in the original schedules for the grant projects also being pushed back by several months. It is the intention of the researcher to give a report on progress made by the time of the 2025 moot, and then a more complete report in the following year. The three MAJ R&D projects covered in this presentation are: 1) Improving and Extending the Accessibility Plugin; 2) Incorporating AI into Moodle for grading Questions and Assignments; and 3) Additional functionality for forums. At the time of this writing, the Accessibility Plugin has already been released via the Moodle Plugins Directory, though an extended version is expected to be released before Moodlemoot 2025. This extended version would include additional widgets such as: focused modes that highlight the line of text/portion of the screen being examined; a magnify tool; line-spacing; kerning toggle; link highlighting; image hiding; and color overlays. The second and third projects will likely have code released on Github by Moodlemoot 2025, but not in the Moodle Plugins Directory. The second project will see the continued development of the AI Text question type plugin by Marcus Green. Finally, the third project aims to add the following functionality to the forum module: own post tracking; post rate limiting; a custom editor (recordings/photos); and participant tagging.

発表日の希望 / **Preferred Day**

いずれの日でも結構です / Either day is fine

MAJ R&D Grant

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Author: JENKINS, Adam

Presenter: JENKINS, Adam

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