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Moodle: Escem students' application

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Moodle is a free source e-learning software platform, also known as Course Management system, Learning Management System.

The Moodle project comprises several distinct but related elements:

- The software
- Moodle Pty Ltd
- The moodle community, an open network of over one million registered users who interact through the Moodle community website to share ideas, code, information and free support. This community also includes a large number of non-core developers, with Moodle's free source license and modular design allowing any developer to create additional modules and features that has allowed Moodle to become a truly global, collaborative project in scope.
- The Moodle Partner network, which forms the commercial arm of the Moodle environment and provides the bulk of the funding to Moodle Pty Ltd through the payment of royalties.

Features

Moodle has several features considered typical of an e-learning platform, plus some original innovations (like its filtering system). Moodle is very similar to a learning management



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system. Moodle can be used in many types of environments such as in education, training and development, and business settings.

Some typical features of Moodle are:

- Assignment submission
- Discussion forum
- Files download
- Grading
- Moodle instant messages
- Online Calendar
- Online news and announcement
- Online quiz
- Wiki

Developers can extend Moodle's modular construction by creating plugins for specific new functionality. Moodle's infrastructure supports many types of plug-ins :

- activities (including word and math games)
- resource types
- question types (multiple choice, true and false, fill in the blank, etc)
- data field types (for the database activity)
- graphical themes
- authentication methods (can require username and password accessibility)
- enrollment methods
- content filters

Many freely-available third-party Moodle plugins make use of this infrastructure.

Moodle users can use PHP to write and contribute new modules. Moodle's development has been assisted by the work of open source programmers. This has contributed towards its rapid development and rapid bug fixes.



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