

SOLUTIONS

A solution in BACCM is a specific way to meet an identified need in a given context that takes into account the requirements and concerns of stakeholders.

The general idea of the solution is to develop and implement a modularly configurable, stable and user-oriented version of Moodle, which: simplifies administration and installation, improves the user interface, ensures stable operation on different devices, retains access to courses and materials after completion.

Problems and concerns: redundant functionality, complex configuration, unstable operation with poor Internet, difficult installation and updates.

1. SOLUTIONS FOR ADMINISTRATORS AND IT SUPPORT (LIPSKAYA MARYA, RYABOV MAKSIM)

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Updates without a complete reinstall
Implementation of partial updates (patch updates), allowing update security and features, do not interrupt the operation of the system.

Simplified installation process
Step-by-step installation and automatic verification of the server configuration, especially useful for the first launch

Data caching and delayed synchronization for servers with unstable connection

2. SOLUTIONS FOR TEACHERS (YAROSHEVICH ANDREY)

Problems and concerns: blocking access to courses, deleting materials after completing the course, the lack of a convenient mobile version.

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Simplified course management
Intuitive interface for uploading materials, assignments, and tests: drag-and-drop, course structure templates

Lifelong access of teachers to courses – courses are transferred to archive mode, not deleted

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3. SOLUTIONS FOR STUDENTS (FROLOVA ANASTASYA)

Problems and concerns: inconvenient interface, difficult course search, deleting courses after completion

Improved search and navigation (quick search by course name, filtering by status (active / completed))

Personalized Home page (the ability to consolidate courses, adjust the display order, hide outdated courses)

Access to completed courses (courses are archived after graduation, not deleted, students retain access to the materials, completed works are not deleted)