

# 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.

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

Data caching and delayed synchronization for  
servers with unstable connection

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

### SOLUTIONS

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

## 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.

### SOLUTIONS

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

## 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order, hide outdated courses)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)