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# CLASSROOM SIMULATION

## “Experience with virtual students”

Virtual and augmented reality based, education system to train teachers.

- 3D Virtual Classroom Environment
- Game Based Learning
- Singleplayer and Multiplayer Mode
- Creating Scenarios
- Quick Feedback
- High Fidelity Artificial Intelligence
- Defining Student Personality
- Classroom Management
- Using Technology
- Pedagogical Approaches





# CLASSROOM SIMULATION

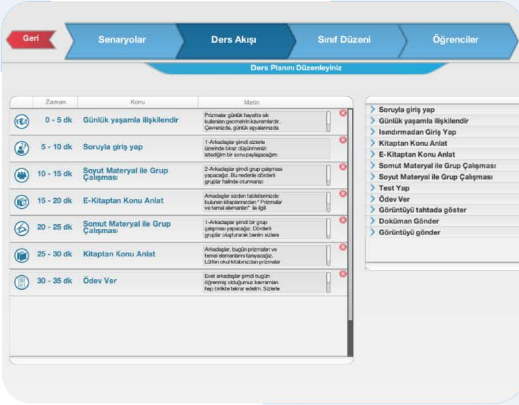


## 3D Virtual Classroom Setting

Instructors have the opportunity to practice the educational processes by interacting with autonomous and avatar models at 3D virtual classrooms.

## 3-Level Educational Simulation

- Singleplayer mode
- Multiplayer mode
- Computer Aided Virtual Environment (CAVE) mode



## Creating and Managing Scenarios

- Identifying scenario criteria
- Preparing lesson plans
- Creating classroom floor plan
- Organizing student information



## Artificial Intelligence

- Autonomous and avatar student models
- Realistic student behavior taxonomy

## Classroom Management

- Dealing with misbehavior
- Practicing various approaches impacting on the students
- Monitoring concentration, entertainment and level of knowledge
- Time management
- Experimental approaches



## Measurement and Evaluation

- Instructor performance and training history record
- Detailed reporting and analyses
- Statistical measurement
- Performance analyses
- Giving feedback and providing direction

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