

# Software Engineering with LEGO

## Requirements Engineering: Focus on Use Cases

### Problem description

This activity focuses on a software system called PASS—Programming Assignment Submission System. The objective of PASS is to help multiple Computer Science faculty by automating the process of managing programming assignments in their courses. The core functionality of PASS is as follows:

- for instructors - to post the assignments and suggested solutions, review and grade the work submitted by students;
- for students - to submit their solutions, get email reminders when an assignment is almost due and when it is overdue;
- for teaching assistants - view the assignments and submitted student work.

### Sample UML use case diagram

