Recommender system for Clicker System

In a large or even small classroom, there are different kinds of students. They have different scale of learning depend upon their nature and past experience. So dividing students into categories of learning power is a difficult task for an instructor. There were lots of ups and downs were implemented and optimised for improving learning in an effective manner but still, the best response was not acquired.

As recommendation systems are implemented in various social world sites, there is a convergent focus of applying recommendation systems in learning through the use of clickers in classrooms.

How can recommendation systems be applied:

1. First, a same kind of question will be given to all students.
2. Then, students' responses and some kind of feedback are collected at the instructor's side.
3. Based on data collected at the instructor's side, our recommendation system will give easy or tough questions.
4. Those students who solved the early problem, we will recommend tough questions to them and those students who were not able to solve the early question will be recommended by easy questions.

Content-based recommendation systems are well suited for this kind of scenario.