

Knight Foundation School of Computing and Informational Sciences

Questions / Categories / Question Bank

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PROBLEM

Educators want to create questions to give to their students so they needed a way to be able to categorize and group these questions for tracking, and assigning later on.

SOLUTION

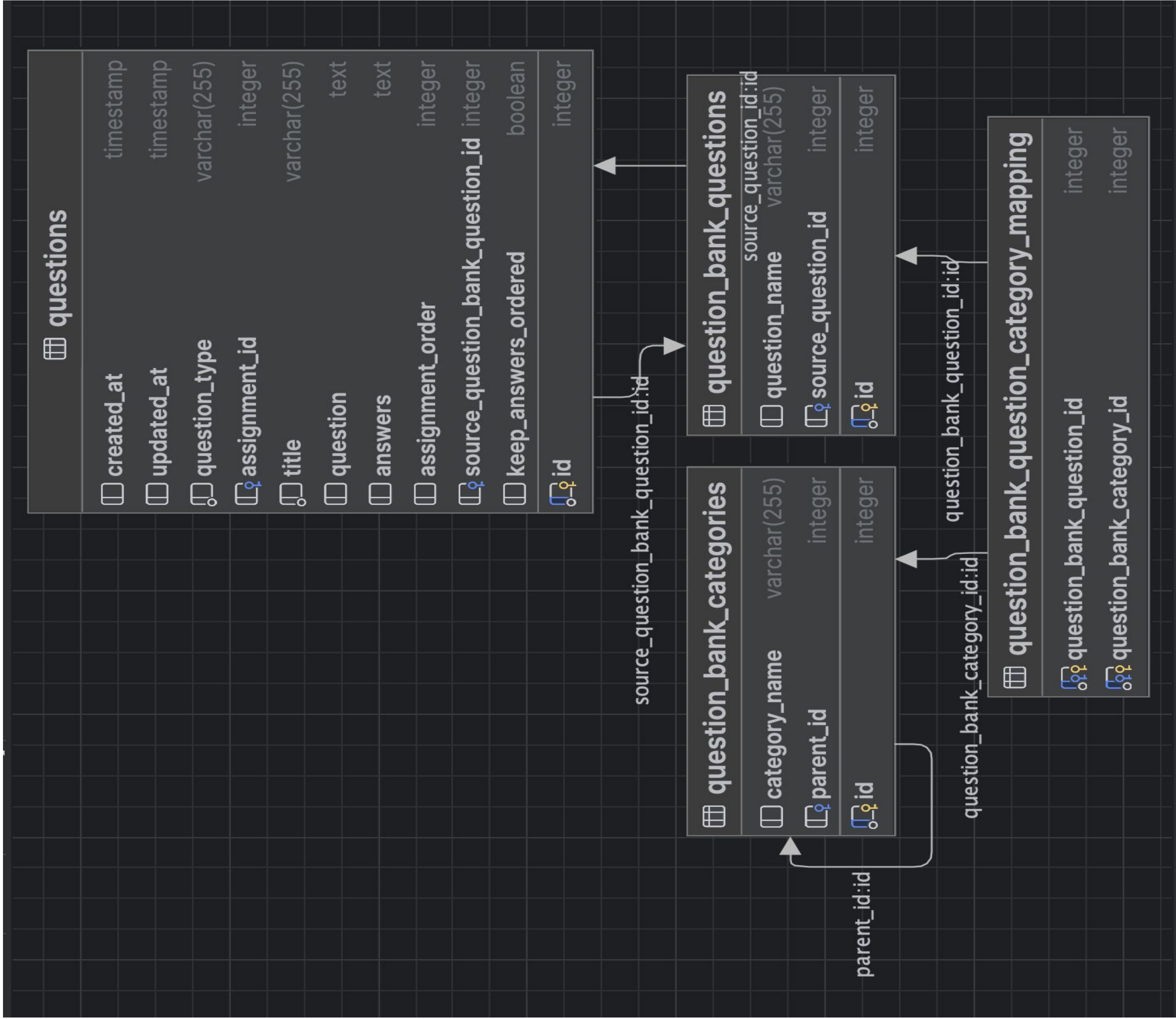
To solve this problem, we designed a system to create categories and question tagging with those categories. This allows our educators to store questions and categories along with them. Educators can query for questions based on categories, generate assignments based on those categories and also view reports of students progress in those categories.

REQUIREMENTS

Educators have:

- The ability to create questions
- The ability to create question categories
- The ability to create a hierarchy of categories (Math->Geometry->Angles)
- The ability to reuse these questions in assignments
- The ability to view reports based on performance in categories

OBJECT DESIGN



Summary

In conclusion, we aim to support different types of learning environments and with this implementation it gives the freedom to the admin/tutors to structure their courses to their liking.