Tables:

**One per question**

Quiz ID 🡨 have creators name their quiz! – must be unique

Question String

Answers

Other things specific to the question

[Question-response

Fill in the blank

Multiple choice

Picture-response questions

Multi-answer questions

Multiple choice with multiple answers

Matching

Auto-generated questions

Graded questions]

**Quiz table**

Quiz ID (name?)

Number of questions

Random or not

Creation date

Creator

One page/multiple pages

Immediate correction (multiple pages only)

Practice or not practice

Number of times taken

Curr highest score (set to 0 initially)

Category

Tags 🡨 parse

**User table**

Username

Hashed password

IsAdmin

Number of quizzes created (?)

Number of quizzes taken (?)

**Friends table**

User #1 (username)

User #2 (username)

Date became friends

**Inbox table**

Sender (username)

Receiver (username)

Message (friend request can be empty string or just a string depending how we display it, challenge might have link to quiz + score (parse by space), note is just a string)

Message type (3)

Finished (did the challenge, accepted friend request, deleted(?) note)

**Log table**

Timestamp (start)

Username

Quiz ID

Score (percent)

Total time taken

**Achievement table**

Username

Boolean column for each achievement

\*\*Calculate achievements for a user as that user populates these tables –