

Poll DB 3: Database Design

As we all saw in the last election, the polling has become integral to politics and many other field. Polls are only useful if you can quickly and accurately access the data. There are many ways to form a polling database, but let's start by building a basic system with users, questions, responses and votes.

Here are the requirements of our system:

1. A user can create many polls, but a poll is created by only one user
2. A poll must have a question, e.g., "Who do you support for President in 2016?"
3. A poll has many responses, e.g., "Hillary Clinton", "Arnold Schwarzenegger", etc.
4. A user can vote in any poll, but only once, and they can only select one response per poll

Objectives

Design the schema

Design a database schema for a polling app that meets the requirements stated above. Take extra note regarding the 2nd and 4th requirements. **Read up the following:**

1. [Database normalization](#)
2. [SQL constraints](#)

Use SQL Schema Designer to create your schema. Click [here](#) to see the expected output.