



database design document

table structure

(attention: the data type is timestamp format: in seconds)

- question
 - question_id (primary key)
 - account_id
 - accept_answer_id
 - view_count
 - answer_count
 - score
 - creation_date
 - title
 - body
- answer
 - answer_id (primary key)
 - question_id (foreign key)
 - account_id
 - score
 - creation_date
 - body
- tag
 - tag_id (primary key,auto increment)
 - tag_name
- question_tag
 - question_id (foreign key)
 - tag_id (foreign key)
- account
 - account_id (primary key)
 - reputation
 - accept_rate (integer)

sql statement

```
CREATE TABLE question (  
    question_id INT PRIMARY KEY,  
    account_id INT,  
    accept_answer_id INT,  
    view_count INT,  
    answer_count INT,  
    score INT,  
    creation_date INT,  
    title TEXT,  
    body TEXT  
);
```

```
CREATE TABLE answer (  
    answer_id INT PRIMARY KEY,  
    question_id INT,  
    account_id INT,  
    score INT,  
    creation_date INT,  
    body TEXT  
);
```

```
CREATE TABLE tag (  
    tag_id INT PRIMARY KEY AUTO_INCREMENT,  
    tag_name VARCHAR(100)  
);
```

```
CREATE TABLE question_tag (  
    question_id INT,  
    tag_id INT,  
);
```

```
CREATE TABLE account (  
    account_id INT PRIMARY KEY,  
    reputation INT,  
    accept_rate INT  
);
```