AFRICA SPEAKS COMMUNITY FORUM.

DATABASE DESIGN

TABLES

1. FORUMS TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FIELD | FIELD NAME | DATATYPE | LENGTH | NULLABLE? |
| ID | forum\_id | int, auto\_increment (Primary Key) | 10 | NOT NULL |
| Forum Name | name | text | 255 | NOT NULL |
| Slug | slug | varchar |  | NOT NULL |
| Forum description | Description | text |  |  |
| Status | status | boolean | 10 | NOT NULL |
| Topics | topics | Int | 10 | NOT NULL |
| Comments | comments | int | 10 | NOT NULL |
| Created By | created\_by | int | 30 | NOT NULL |
| Created At | created\_at | timestamp | 30 | NOT NULL |
| Updated At | updated\_at | timestamp | 30 | NULL |
| Deleted At | Deleted\_at | timestamp |  | NULL |

1. TOPICS TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FIELD | FIELD NAME | DATATYPE | LENGTH | NULLABLE? |
| ID | topic\_id | int, auto\_increment (Primary Key) | 10 | NOT NULL |
| Topic Name | name | text | 255 | NOT NULL |
| Slug | slug | varchar | 255 | NOT NULL |
| Forum | Forum\_id | int (Foreign Key) | 10 | NOT NULL |
| Status | status | varchar | 10 | NOT NULL |
| Comments | comments | int | 10 | NOT NULL |
| Flags | flags | int | 10 | NOT NULL |
| Created By | created\_by | timestamp | 30 | NOT NULL |
| Created At | created\_at | timestamp | 30 | NOT NULL |
| Updated At | updated\_at | timestamp | 30 | NULL |
| Deleted At |  | timestamp |  | NULL |

1. COMMENTS TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FIELD | FIELD NAME | DATATYPE | LENGTH | NULLABLE? |
| ID | comment\_id | int, auto\_increment (Primary Key) | 10 | NOT NULL |
| Comment Parent | Parent\_id | int |  |  |
| Topic | Topic\_id | int (Foreign Key) | 255 | NOT NULL |
| Content | content | text |  | NOT NULL |
| Forum | forum | text(Foreign Key) | 10 | NOT NULL |
| Status | status | text | 10 | NOT NULL |
| Comment By | comment\_by | int (foreign key from users table) | 255 | NOT NULL |
| Created By | created\_by | timestamp | 30 | NOT NULL |
| Created At | created\_at | timestamp | 30 | NOT NULL |
| Updated At | updated\_at | timestamp | 30 | NULL |
| Deleted At | Deleted\_at | timestamp |  | NULL |

1. ABUSE REPORTS TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FIELD | FIELD NAME | DATATYPE | LENGTH | NULLABLE? |
| ID | abuse\_report\_id | int, auto\_increment (Primary Key) | 10 | NOT NULL |
| Type | type | Text (Foreign Key) | 255 | NOT NULL |
| Reported By user Id | reported\_by\_user\_id | Int (Foreign Key) | 10 | NOT NULL |
| Offended By User Id | reported\_by\_user\_id | int(Foreign Key) | 10 | NOT NULL |
| Topic | topic | Varchar (Foreign Key) | 100 | NOT NULL |
| Object | object | varchar | 255 | NOT NULL |
| Created At | created\_at | timestamp | 30 | NOT NULL |
| Updated At | updated\_at | timestamp | 30 | NULL |
| Deleted At | deleted\_at | timestamp |  | NULL |

1. USERS\_TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FIELD | FIELD NAME | DATATYPE | LENGTH | NULLABLE? |
| ID | user\_id | int, auto\_increment (Primary Key), | 10 | NOT NULL |
| User type | user\_type | varchar | 255 | NOT NULL |
| Role | Role\_id | int (Foreign Key, Roles Table) |  | NOT NULL |
| Other Role | Other\_role | varchar | 255 |  |
| First Name | first\_name | varchar | 255 | NOT NULL |
| Last Name | last\_name | varchar | 255 | NOT NULL |
| Username | user\_name | varchar | 255 | NOT NULL |
| Gender | gender | varchar | 6 | NULL |
| DOB | dob | date | 100 | NULL |
| Email | email | varchar | 100 | NOT NULL |
| Cellphone | cellphone | varchar | 100 | NOT NULL |
| City | City\_id | int | 100 | NOT NULL |
| Timezone | Timezone | varchar | 64 |  |
| Country | Country\_id | int | 100 | NOT NULL |
| User Bio | user\_bio | varchar | 65535 | NOT NULL |
| Password | password | varchar | 255 | NOT NULL |
| Profile picture | profile\_pic | text |  | NULL |
| Status | status | varchar | 10 | NOT NULL |
| Last Login | last\_login | timestamp | 100 | NULL |
| Created At | created\_at | timestamp | 30 | Not null |
| Updated At | updated\_at | timestamp | 30 | NULL |
| Deleted At | deleted\_at | timestamp |  | NULL |

1. PROJECTS TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FIELD | FIELD NAME | DATATYPE | LENGTH | NULLABLE? |
| Project ID | project\_id | int, auto\_increment (Primary Ke | 10 | NOT NULL |
| Project | description | text |  | NOT NULL |
| Created At | created\_at | datetime | 30 | Not null |
| Updated At | updated\_at | datetime | 30 | NULL |
| uSER | User\_id | int (foreign Key) | 30 | Not Null |

* + - 1. You need to add user\_roles table
      2. Country and city tables

SET UP OF PHP PROJECTS IN UBUNTU

<https://www.techomoro.com/how-to-run-a-php-application-on-ubuntu-18-04-2-lts/>

Update and upgrade packages

Sudo apt-get update - updates list of packages you have on your system

Sudo apt-get upgrade - upgrades the packages to newer versions.

Install apache

Sudo apt-get install apache2