**Technical Discussion Forum: (TDF)**

1. **Users ##########**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| user\_id | Int | NO | - | PK |
| name | Char(45) | NO | - | - |
| Email | Char(255) | NO | - | UK |
| Password | Char(255) | NO | - | - |
| Pic | Char(255) | - | - | - |
| Phone | Char(10) | NO | - | UK |
| Interest | Char(255) | - | - | - |
| Employer | Char(60) | - | - | - |
| Experience | Int (months) | - | - | - |
| Job\_profile | Char(25) | - | - | - |
| Occupation\_id | Int | - | - | FK |
| Technologies\_used | Char(100) | - | - | - |
| Questions\_posted | Int | NO | 0 | - |
| Responses | Int | NO | 0 | - |
| Country\_id | Int | NO | - | FK |
| Messages\_blocked | Int | NO | 0 | - |
| Otp | Char(6) | - | - | - |
| Star\_rank | Int | NO | 0 | - |
| Badge\_id | Int | - | - | FK |
| Status\_id | Int | NO | 1 | FK |

1. **status ##############**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| status\_id | Int | NO | - | PK |
| Name | Char(15) | NO | - | - |

Active 1, Inactive 2, open 3, closed 4, blocked 5

**3. countries ############**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| country\_id | Int | NO | - | PK |
| Name | Char(35) | NO | - | UK |
| Country\_code | Int | NO | - | UK |

1. **occupations ###########**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| occupation\_id | Int | NO | - | PK |
| Name | Char(15) | NO | - | UK |

Student, employee, startup owner, freelancer, business

1. **questions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| question\_id | Int | NO | - | PK |
| Topic\_id | Int | NO | - | FK |
| Title | Char(100) | NO | - | - |
| Post\_id | Int | NO | - | FK |
| Replies | Int | NO | 0 | - |

1. **replies**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| reply\_id | Int | NO | - | PK |
| Question\_id | Int | NO | - | FK |
| post\_id | Int | NO | - | FK |

1. **topics ##############**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| topic\_id | Int | NO | - | PK |
| Name | Char(25) | NO | - | - |
| All\_posts | Int | NO | 0 | - |
| Open\_posts | Int | NO | 0 | - |
| Active\_users | Int | NO | 0 | - |

1. **badges #################**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| badge\_id | Int | NO | - | PK |
| Name | Char(15) | NO | - | UK |

Gold, silver platinum

1. **wishlist**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| wishlist\_id | Int | NO | - | PK |
| Post\_id | Int | NO | - | FK |
| User\_id | Int | NO | - | FK |
| Status\_id | Int | NO | 2 | FK |

**10. posts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| post\_id | Int | NO | - | PK |
| User\_id | Int | NO | - | FK |
| Posted\_on | Datetime | NO | - | - |
| Post | Varchar(2000) | NO | - | - |
| Likes | Int | NO | 0 | - |
| Dislikes | Int | NO | 0 | - |
| Spams | Int | NO | 0 | - |
| Shares | Int | NO | 0 | - |
| Post\_type | Bool | NO |  |  |
| Status\_id | Int | NO | - | FK |

Post\_type: true: question, false: reply

**11. messages**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| message\_id | Int | NO | - | PK |
| From\_user\_id | Int | NO | - | FK |
| To\_user\_id | Int | NO | - | FK |
| Message | Varchar(1000) | NO | - | - |
| Posted\_on | Datetime | NO | - | - |
| Status\_id | Int | NO | - | FK |

1. **moderators**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | NULL | Default | Constraint |
| moderator\_id | Int | NO | - | PK |
| Topic\_id | Int | NO | - | FK |
| User\_id | Int | NO | - | FK |
| Joined\_on | Datetime | NO | - | - |
| Status\_id | Int | NO | - | FK |

ERD:

