****User****

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| user\_id | INT | Unique identifier for a user |
| username | VARCHAR(50) | Unique username for a user |
| first\_name | VARCHAR(50) | First name of the user |
| last\_name | VARCHAR(50) | Last name of the user |
| age | INT | Age of the user |
| email | VARCHAR(255) | Email address of the user |
| password | VARCHAR(255) | Password of the user |
| phone\_number | VARCHAR(20) | Phone number of the user |
| role | VARCHAR(50) | Role of the user (e.g. admin, moderator, regular user) |
| company\_name | VARCHAR(50) | Name of the user's company |
| image\_url | VARCHAR(255) | URL of the user's profile image |
| created\_at | DATETIME | Timestamp for when the user account was created |
| updated\_at | DATETIME | Timestamp for when the user account was last updated |

****Post****

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| post\_id | INT | Unique identifier for a post |
| user\_id | INT | Foreign key referencing the user who created the post |
| file\_id | INT | Foreign key referencing the file attached to the post |
| created\_at | DATETIME | Timestamp for when the post was created |
| updated\_at | DATETIME | Timestamp for when the post was last updated |

****File****

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| file\_id | INT | Unique identifier for a file |
| message\_text | VARCHAR(255) | Optional text message to accompany the file |
| file\_url | VARCHAR(255) | URL of the file |
| constraint | VARCHAR(50) | Constraint for the file (e.g. image, video, audio) |

****Like****

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| like\_id | INT | Unique identifier for a like |
| post\_id | INT | Foreign key referencing the post that was liked |
| user\_id | INT | Foreign key referencing the user who liked the post |
| body | VARCHAR(255) | Optional text message accompanying the like |
| date | DATE | Date when the like was made |
| created\_at | DATETIME | Timestamp for when the like was created |
| updated\_at | DATETIME | Timestamp for when the like was last updated |

****Comment****

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| comment\_id | INT | Unique identifier for a comment |
| post\_id | INT | Foreign key referencing the post that was commented on |
| user\_id | INT | Foreign key referencing the user who made the comment |
| body | VARCHAR(255) | Text of the comment |
| date | DATE | Date when the comment was made |
| created\_at | DATETIME | Timestamp for when the comment was created |
| updated\_at | DATETIME | Timestamp for when the comment was last updated |

****Message****

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| message\_id | INT | Unique identifier for a message |
| user\_id\_1 | INT | Foreign key referencing the first user in the message exchange |
| user\_id\_2 | INT | Foreign key referencing the second user in the message exchange |
| file\_id | INT | Foreign key referencing the file attached to the message |
| created\_at | DATETIME | Timestamp for when the message was created |
| updated\_at | DATETIME | Timestamp for when the message was last |