USER TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Data Type | Class Model | Description |
| user\_id | INT(PK) | Autofield(Primary\_key=True) | Unique auto incrementing id |
| user\_name | VARCHAR(50) |  | Users name |
| email | VARCHAR(UK) |  | Users unique email address |
| gender | VARCHAR |  | Users gender with check constraint |
| password | VARCHAR() |  | Hashed user password |
| date\_joined | DATETIME |  | Date user joined |
| bio | VARCHAR |  | Short description or background of the volunteer |
| status | BOOLEAN |  | 1 = active while 0 = inactive |
| last\_login | DATETIME |  | The most recent timestamp for the user |

VOLUNTEER TABLE

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| volunteer\_id | INT(PK) | Unique auto incrementing id |
| volunteer\_name | VARCHAR | Volunteers name |
| email | VARCHAR(UK) | Volunteers unique email address |
| gender | VARCHAR() | Users gender with check constraint |
| password | VARCHAR | Hashed volunteer password |
| date\_joined | DATETIME | Date volunteer joined |
| last\_login | DATETIME | The most recent timestamp for the volunteer |
| rating | FLOAT (1 - 5) | Average score given to a volunteer’s performance |
| status | BOOLEAN | 1 = active while 0 = inactive |
| bio | VARCHAR | Short description or background of the volunteer |
| expertise | VARCHAR | Area of emotional support they specialize in |
| phone | VARCHAR | Contact phone number |
| Approved\_by | INT(FK) | Admin id who approved the volunteer |
| Approved\_date | DATETIME | Date and time when volunteer was approved |

CHAT TABLE

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| chat\_id | INT(PK) | Unique auto incrementing id |
| user\_id | INT(FK) | Refers to the id of the user who initiated or is part of the chat session |
| volunteer\_id | INT(FK) | Refers to the id of the volunteer assigned to the chat session |
| start\_time | DATETIME | timestamp marking when the chat session began |
| end\_time | DATETIME | Timestamp marking when the chart session ended |
| is\_saved | BOOLEAN | 1 = saved while 0 = not saved |

CHAT MESSAGE TABLE

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| chatmessage\_id | INT(PK) | Unique auto incrementing id |
| chat\_id | INT(FK) | A unique identifier for each chat session |
| sender\_type | ENUM | User of volunteer |
| sender\_id | INT(FK) | Refers to the ID of the person (either a user or a volunteer) who sent the message |
| message\_text | VARCHAR | The content of the message sent |
| timestamp | DATETIME | The date and time when message was sent. |

ADMIN

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| admin\_id | INT(PK) | Unique auto incrementing id |
| admin\_name | VARCHAR(50) | Admins name |
| admin\_email | VARCHAR(UK) | Admins unique email |
| password | VARCHAR(8) | Hashed admin password |
| role | VARCHAR | Admins position |
| date\_joined | DATETIME | Date and time admin account was created |
| last\_login | DATETIME | The most recent timestamp for the admin |
| status | BOOLEAN | 1 = active while 0 = inactive |

