# User

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | userID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | typeID | int |  |  |  | Y |  |  |  |
|  | email | varchar | 255 |  |  | Y |  |  | User’s email |
|  | firstName | nvarchar | 50 |  |  |  |  |  | User’s first name |
|  | lastName | nvarchar | 50 |  |  |  |  |  | User’s last name |
|  | password | varchar | 50 |  |  |  |  |  | User’s password |
|  | confirmPassword | varchar | 50 |  |  |  |  |  | User retypes password. Must be same as password. |
|  | address | nvarchar | 255 |  | Y |  |  |  | User’s address |
|  | gender | varchar | 10 |  |  |  |  |  | User’s gender |
|  | phoneNumber | varchar | 20 |  | Y |  |  |  | User’s phone number |
|  | dateOfBirth | varchar | 10 |  | Y |  |  |  | User’s date of birth |
|  | status | varchar | 255 |  | Y |  |  |  | User’s status |
|  | dateJoined | varchar | 10 |  |  |  |  |  | User’s joined date |
|  | avatar | varchar | 255 |  | Y |  |  |  | User’s avatar |

# Comment

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | commentID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | content | nvarchar | 255 |  |  |  |  |  | Comment’s content |
|  | dataCreated | varchar | 10 |  |  |  |  |  | Comment’s created date |

# Conversation

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | conversationID | varchar | 255 |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | dataCreated | varchar | 10 |  |  |  |  |  | Conversation’s created date |

# Message

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | messageID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | content | nvarchar | 255 |  |  |  |  |  | Message’s content |
|  | dateCreated | varchar | 10 |  |  |  |  |  | Message’s created date |

# Notification

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | lastActivityID | int16 |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | activity | varchar | 255 |  |  |  |  |  | Notification’s activity |
|  | dateCreated | varchar | 10 |  |  |  |  |  | Notification’s created date |
|  | user | user |  |  |  |  |  |  | Activity’s owner |
|  | post | post |  |  |  |  |  |  | Activity’s location |
|  |  |  |  |  |  |  |  |  |  |

# Post

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | postID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | content | nvarchar | 255 |  |  |  |  |  | Post’s content |
|  | dateCreated | varchar | 10 |  |  |  |  |  | Post’s created date |
|  | privacy | varchar | 10 |  |  |  |  |  | Post’s privacy |

# Place

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | placeID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | longitude | decimal |  |  |  |  |  |  | Place’s longitude |
|  | latitude | decimal |  |  |  |  |  |  | Place’s latitude |
|  | name | nvarchar | 255 |  |  |  |  |  | Place’s name |

# Photo

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | photoID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | url | varchar | 255 |  |  |  |  |  | Photo’s url |
|  | dateCreated | varchar | 10 |  |  |  |  |  | Photo’s created date |

# Video

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | videoID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | path | varchar | 255 |  |  |  |  |  | Video’s url |
|  | dateCreated | varchar | 10 |  |  |  |  |  | Video’s created date |

# Room

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | roomID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | roomName | varchar | 255 |  |  |  |  |  | Room’s name |
|  | dateCreated | varchar | 10 |  |  |  |  |  | Room’s created date |

# Report

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field Name | Type | Length | Size | Null | Unique | P/F Key | Default | Description |
|  | reportID | int |  |  |  | Y | P |  | PRIMARY KEY  This is automatically increase value by 1 |
|  | postID | int |  |  |  |  |  |  | Reported post’s ID |
|  | content | nvarchar | 255 |  |  |  |  |  | Report’s reason |
|  | userReportID | int |  |  |  |  |  |  | Report owner’s ID |
|  | userReportedID | int |  |  |  |  |  |  | Reported user’s ID |