Database: WebChatApplication

Table: `User`, `Account`, `Profile`, `Conversation`, `Message`, `UserConversation`, `MessageConversation`, `Sender`

* `User`:
  + Id [Primary Key, Auto Increment] (Int)
  + Firstname [Required] (Varchar(50))
  + Lastname [Required] (Varchar(50))
  + PhoneNumber (Varchar (10))
  + Email [Required] (Varchar (50))
  + DOB [Required] (Date)
  + Gender [Required] (int (Values: 0-Male, 1-Female, 2-Different))
  + JoinedDate [Required] (TimeStamp)
* `Account`:
  + UserId [Foreign Key From `User`]
  + UserEmail [Required] (Varchar (50)) – Same As `Email` From `User`
  + UserPassword [Required] (Varchar)
* `Profile`:
  + UserId [Foreign Key From `User`]
  + UserEducation (Varchar (50))
  + UserRelationship (Int (Values: 0-Single, 1-Married, 2-In A Relationship))
  + UserFacebook (Varchar (50))
  + UserInstagram (Varchar (50))
  + UserTwitter (Varchar (50))
  + UserYoutube (Varchar (50))
  + UserAvatar (Varchar (50))
* `Conversation`:
  + Id [Primary Key, Auto Increment] (Int)
  + ConversationType [Required] (Int (Values: 0-PvP, 1-Group))
  + CreatedDate [Required] (TimeStamp)
* ` UserConversation `:
  + Id [Primary Key, Auto Increment] (Int)
  + ConversationId [Required, Foreign Key From `Conversation`]
  + UserId [Required, Foreign Key From `User`]
  + UserSeen [Required] (Int (Values: 0-NotSeen, 1-Seen))
* `Message`:
  + Id [Primary Key, Auto Increment] (Int)
  + MessageText [Required] (Text)
  + SentTime [Required] (TimeStamp)
* `MessageConversation`:
  + Id [Primary Key, Auto Increment] (Int)
  + MessageId [Required, Foreign Key From `Message`]
  + ConversationId [Required, Foreign Key From `Conversation`]
* `Sender`:
  + Id [Primary Key, Auto Increment] (Int)
  + MessageId [Required, Foreign Key From `Message`]
  + UserId [Foreign Key From `User`]
* Relationships:
  + 1 `User`:
    - 1 `Account`
    - 1 `Profile`
    - List `UserConversation`
    - 1 Sender
  + 1 `Conversation`:
    - List `UserConversation`
    - List `MessageConversation`
  + 1 `UserConversation`:
    - 1 `User`
    - 1 `Conversation`
  + 1 `Message`:
    - 1 `Sender`
    - List `MessageConversation`
  + 1 `MessageConversation`:
    - 1 `Message`
    - 1 `Conversation`
  + 1 `Sender`:
    - 1 `User`
    - 1 `Message`

