MINUTEMATCH GROUP 3

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User - UserID - Username - Email Password - Ranking (helpfulness score) - Verified (boolean) - Reviews (list of touples ratings w/ category) - Groups Last_active (timestamp) - Flagged (boolean) + Create Post(Type, Category, Text, Picture, Groupname) + Request Service() + JoinGroup(GroupID) + LeaveGroup(GroupID) + SendMessage(UserID, Text) + VerifyAccount(+ ReportUser(UserID, Reasoning)

-PostID -UserID (Foreign Key -> User) -Type (Service or Request) - Groups (Foreign Key -> User) - Text - Picture (optional) - Comments (Forreign key -> Comment) - Flagged (True/ False) - HelpersList (If Request) - Status(active, completed) - Timestamp + AddComment(text) + AssignedHelper () + MarkAsCompleted()

+ FlagPost(PostId, UserID, Text)

+ DeletePost()

-GroupID (Primary Key)

-GroupName

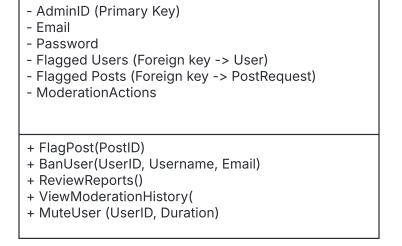
PostRequests

Comments - ConversationID (Primary Key) - CostID (Foreign Request -> PostRequest) - Note: Links to a Post - Messages (Foreign Request -> Message) - Note: collection of messages - Flagged (True or False) + AddMessage(UserID, Text) + FlagConversation(UserID, Text)

Messages - MessageID (Primary Key) - SenderID (Foreign Key -> User) - HelperUsername (Foreign Key -> User) - Group (Foreign Key -> PostRequest) - Text - Timestamp - Seen (True or False) + SendMessage(0 + MarkAsRead() + ProvideRanking(Username, UserID, Text, category)

-Categoris (List) - Members (Foreign Key -> Users) -Posts (Foreign Key -> PostRequest) + AddMember(UserID, Email, Name) + RemoveMember(UserID, Email, Name) + ApproveGroupJoin(UserID) + CreatePost(PostID) + UpdateCategory()

Group



Admin

