## MINUTEMATCH GROUP 3

### PRESTON O'CONNOR, LAWERENCE MENG, NATHAN WOLF, STEVEN ZHANG MANAGER: ADITI BANSAL

### 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()

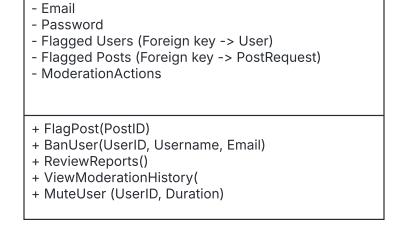
Posts

# 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
<ul> <li>MessageID (Primary Key)</li> <li>SenderID (Foreign Key -&gt; User)</li> <li>HelperUsername (Foreign Key -&gt; User)</li> <li>Group (Foreign Key -&gt; PostRequest)</li> <li>Text</li> <li>Timestamp</li> <li>Seen (True or False)</li> </ul>
+ SendMessage(0 + MarkAsRead() + ProvideRanking(Username, UserID, Text, category)

## Group -GroupID (Primary Key) -GroupName -Categoris (List) - Members (Foreign Key -> Users) -Posts (Foreign Key -> PostRequest) + AddMember(UserID, Email, Name) + RemoveMember(UserID, Email, Name) + ApproveGroupJoin(UserID) + CreatePost(PostID)

+ UpdateCategory()



Admin

- AdminID (Primary Key)

