

MINUTEMATCH

GROUP 3

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MANAGER: ADITI BANSAL

<div>User</div> <div><div><div>- UserID</div><div>- Username</div><div>- Email</div><div>- Password</div><div>- Ranking (helpfulness score)</div><div>- Verified (boolean)</div><div>- Reviews (list of tuples ratings w/ category)</div><div>- Groups</div><div>- Last_active (timestamp)</div><div>- Flagged (boolean)</div></div><div><div>+ Create Post(Type, Category, Text, Picture, Groupname)</div><div>+ Request Service()</div><div>+ JoinGroup(GroupID)</div><div>+ LeaveGroup(GroupID)</div><div>+ SendMessage(UserID, Text)</div><div>+ VerifyAccount()</div><div>+ ReportUser(UserID, Reasoning)</div></div></div>	<div>PostRequests</div> <div><div><div>- PostID</div><div>- UserID (Foreign Key -> User)</div><div>- Type (Service or Request)</div><div>- Groups (Foreign Key -> User)</div><div>- Text</div><div>- Picture (optional)</div><div>- Comments (Forreign key -> Comment)</div><div>- Flagged (True/ False)</div><div>- HelpersList (If Request)</div><div>- Status(active, completed)</div><div>- Timestamp</div></div><div><div>+ AddComment(text)</div><div>+ AssignedHelper ()</div><div>+ MarkAsCompleted()</div><div>+ FlagPost(PostId, UserID, Text)</div><div>+ DeletePost()</div></div></div>	<div>Comments</div> <div><div><div>- ConversationID (Primary Key)</div><div>- CostID (Foreign Request -> PostRequest)<div>- Note: Links to a Post</div></div><div>- Messages (Foreign Request -> Message)<div>- Note: collection of messages</div></div><div>- Flagged (True or False)</div></div><div><div>+ AddMessage(UserID, Text)</div><div>+ FlagConversation(UserID, Text)</div></div></div>
<div>Messages</div> <div><div><div>- MessageID (Primary Key)</div><div>- SenderID (Foreign Key -> User)</div><div>- HelperUsername (Foreign Key -> User)</div><div>- Group (Foreign Key -> PostRequest)</div><div>- Text</div><div>- Timestamp</div><div>- Seen (True or False)</div></div><div><div>+ SendMessage(0</div><div>+ MarkAsRead()</div><div>+ ProvideRanking(Username, UserID, Text, category)</div></div></div>	<div>Group</div> <div><div><div>- GroupID (Primary Key)</div><div>- GroupName</div><div>- Categoris (List)</div><div>- Members (Foreign Key -> Users)</div><div>- Posts (Foreign Key -> PostRequest)</div></div><div><div>+ AddMember(UserID, Email, Name)</div><div>+ RemoveMember(UserID, Email, Name)</div><div>+ ApproveGroupJoin(UserID)</div><div>+ CreatePost(PostID)</div><div>+ UpdateCategory()</div></div></div>	<div>Admin</div> <div><div><div>- AdminID (Primary Key)</div><div>- Email</div><div>- Password</div><div>- Flagged Users (Foreign key -> User)</div><div>- Flagged Posts (Foreign key -> PostRequest)</div><div>- ModerationActions</div></div><div><div>+ FlagPost(PostID)</div><div>+ BanUser(UserID, Username, Email)</div><div>+ ReviewReports()</div><div>+ ViewModerationHistory(</div><div>+ MuteUser (UserID, Duration)</div></div></div>

