CollaboRate system data model

Database schema:

USER (User\_ID (PK), Username, Email, Password, Created\_At)

GROUP (Group\_ID (PK), Group\_Name, Group\_Description, Creator (FK), Created\_At)

GROUP\_MEMBER (Group\_Member\_ID (PK), Group\_ID (FK), User\_ID (FK), User\_Role, Join\_Status, Joined\_At)

RATING (Rating\_ID (PK), Group\_ID (FK), Rater\_ID (FK), Ratee\_ID (FK), Score, Rated\_At)

MEETING (Meeting\_ID (PK), Group\_ID (FK), Meeting\_Title, Meeting\_Description, Meeting\_Date, Created\_At)

TASK (Task\_ID (PK), Group\_ID (FK), Task\_Title, Task\_Description, Deadline, Created\_At)

TASK\_ASSIGNMENT (Task\_Assignment\_ID (PK), Task\_ID (FK), User\_ID (FK), Is\_Completed, Completed\_At, Note)

GROUP\_NOTIFICATION (Group\_Notification\_ID (PK), Group\_ID (FK), Notification\_Type, Notification\_Message, Created\_At)

NOTIFICATION\_RECIPIENT (Notification\_Recipient\_ID (PK), Group\_Notification\_ID (FK), User\_ID (FK), Is\_Read)

GROUP\_MESSAGE(Message\_ID (PK), Sender\_ID (FK), Group\_ID (FK), Message\_Text, Created\_At)

Database entities:

