**DATING APP MANAGEMENT SYSTEM**

**Milestone: Implementation in MySQL**

Group 20

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**Retrieve Users who have Blocked Other Users:**

* This query retrieves users who have blocked other users along with the details of the blocked users.

SELECT u.Name AS User\_Name, b.Name AS Blocked\_User\_Name

FROM User u

JOIN BlockedUser bu ON u.User\_id = bu.User\_id

JOIN User b ON bu.Blocked\_User\_id = b.User\_id;

**Retrieve Events Organized by Users and Their Reviews:**

* This query retrieves events organized by users and includes the reviews for each event

SELECT e.Event\_Name, e.Event\_Date, u.Name AS Organizer, r.Rating, r.Comment

FROM Events e

JOIN User u ON e.Organizer\_id = u.User\_id

LEFT JOIN Reviews r ON e.Event\_id = r.Event\_id;

**Count the Number of Photos for Each User:**

* This query counts the number of photos for each user.

SELECT u.Name AS User\_Name, COUNT(p.Photo\_id) AS Number\_of\_Photos

FROM User u

LEFT JOIN Photos p ON u.User\_id = p.User\_id

GROUP BY u.User\_id, u.Name;

**Calculate the Average Rating for Each Event:**

* This query calculates the average rating for each event.

SELECT e.Event\_Name, AVG(r.Rating) AS Average\_Rating

FROM Events e

LEFT JOIN Reviews r ON e.Event\_id = r.Event\_id

GROUP BY e.Event\_id, e.Event\_Name;

**Retrieve Users with Privacy Settings and Their Reviews:**

* This query retrieves users who have set specific privacy settings and includes their reviews.

SELECT u.Name AS User\_Name, r.Rating, r.Comment

FROM User u

JOIN Reviews r ON u.User\_id = r.User\_id

JOIN PrivacySettings ps ON u.User\_id = ps.User\_id

WHERE ps.Show\_Location = TRUE AND ps.Show\_Age = TRUE AND ps.Show\_Photos = TRUE;