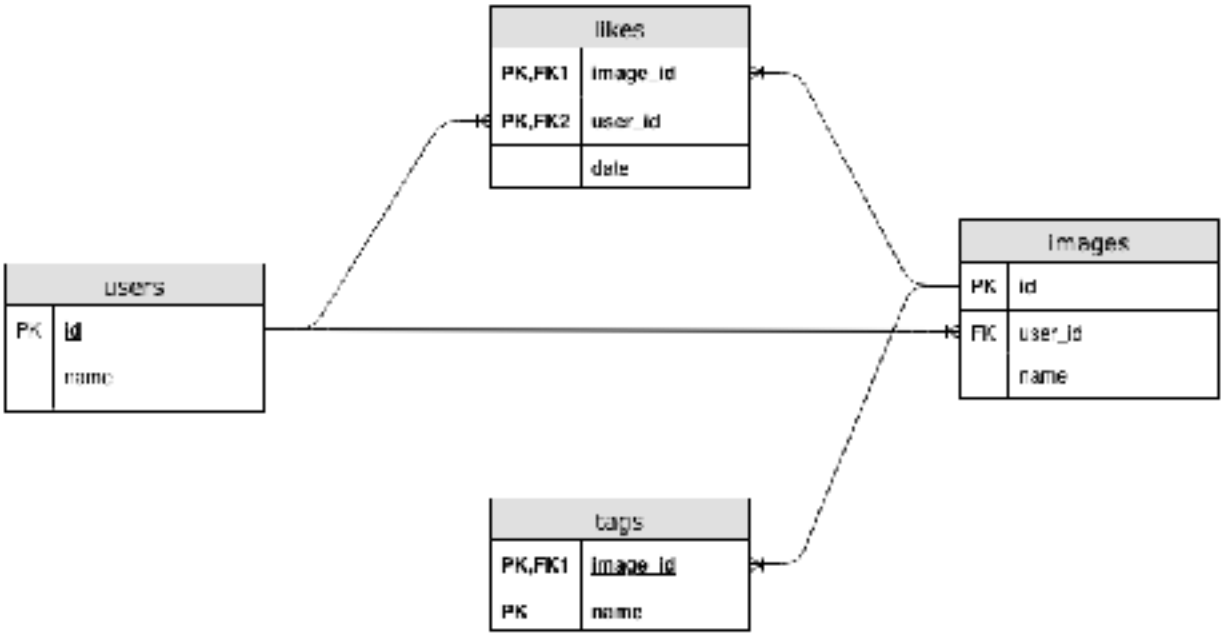

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1. CREATE DATABASE Pintagram;
    - \c pintogram;
2. CREATE TABLE users (id SERIAL PRIMARY KEY, name VARCHAR(50));
    - \d users; (revisamos que id este como primary key)
3. CREATE TABLE images(id SERIAL PRIMARY KEY, name VARCHAR(50), user_id INTEGER REFERENCES users(id));
    - \d images; (revisamos:"images_user_id_fkey" FOREIGN KEY (user_id) REFERENCES users(id))
4. CREATE TABLE tags (image_id INTEGER REFERENCES images(id), name VARCHAR(20) NOT NULL, PRIMARY KEY (image_id, name));
    - \d tags; (revisamos: "tags_pkey" PRIMARY KEY, btree (image_id, name), llave compuesta)
5. CREATE TABLE likes (image_id INTEGER REFERENCES images(id), user_id INTEGER REFERENCES users(id), date TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP, PRIMARY KEY (user_id, image_id));

    - \d likes (revisamos: "likes_pkey" PRIMARY KEY, btree (user_id, image_id))

6. ALTER TABLE likes ADD CONSTRAINT UNIQUE (user_id, image_id);
    - \d likes; (revisamos: "userimage" UNIQUE CONSTRAINT, btree (user_id, image_id))
7. INSERT INTO users (name) VALUES ('Rodolfo');
8. INSERT INTO users (name) VALUES (‘Marion');
9. INSERT INTO users (name) VALUES (‘Viviana');
10. SELECT * FROM users;
11. INSERT INTO images (name, user_id) VALUES ('negocios', 1);
12. INSERT INTO images (name, user_id) VALUES (‘viajes', 1);
13. INSERT INTO images (name, user_id) VALUES (‘vacaciones', 2);
14. INSERT INTO images (name, user_id) VALUES (‘universidad', 2);
15. INSERT INTO images (name, user_id) VALUES (‘chiloe', 3);
16. INSERT INTO images (name, user_id) VALUES (‘casamiento', 3);
17. SELECT * FROM images;
18. INSERT INTO likes (image_id, user_id) VALUES (2,1);
19. INSERT INTO likes (image_id, user_id) VALUES (2,2);
20. INSERT INTO likes (image_id, user_id) VALUES (2,3);
21. INSERT INTO likes (image_id, user_id) VALUES (3,1);
22. INSERT INTO likes (image_id, user_id) VALUES (3,2);
23. INSERT INTO likes (image_id, user_id) VALUES (3,3);
24. INSERT INTO likes (image_id, user_id) VALUES (4,1);
25. INSERT INTO likes (image_id, user_id) VALUES (4,2);

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INSERT INTO likes (image_id, user_id) VALUES (4,3);
INSERT INTO likes (image_id, user_id) VALUES (5,1);
INSERT INTO likes (image_id, user_id) VALUES (5,2);
INSERT INTO likes (image_id, user_id) VALUES (5,3);
INSERT INTO likes (image_id, user_id) VALUES (6,1);
INSERT INTO likes (image_id, user_id) VALUES (6,2);
INSERT INTO likes (image_id, user_id) VALUES (6,3);
INSERT INTO likes (image_id, user_id) VALUES (7,3);
INSERT INTO likes (image_id, user_id) VALUES (7,2);
INSERT INTO likes (image_id, user_id) VALUES (7,1);
INSERT INTO tags (image_id, name) VALUES (2, 'tag1');
INSERT INTO tags (image_id, name) VALUES (2, 'tag2');
INSERT INTO tags (image_id, name) VALUES (2, 'tag3');
INSERT INTO tags (image_id, name) VALUES (3, 'tag1');
INSERT INTO tags (image_id, name) VALUES (3, 'tag2');
INSERT INTO tags (image_id, name) VALUES (3, 'tag3');
INSERT INTO tags (image_id, name) VALUES (4, 'tag1');
INSERT INTO tags (image_id, name) VALUES (4, 'tag2');
INSERT INTO tags (image_id, name) VALUES (4, 'tag3');
INSERT INTO tags (image_id, name) VALUES (5, 'tag1');
INSERT INTO tags (image_id, name) VALUES (5, 'tag2');
INSERT INTO tags (image_id, name) VALUES (5, 'tag3');
INSERT INTO tags (image_id, name) VALUES (6, 'tag1');
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49. INSERT INTO tags (image_id, name) VALUES (6, 'tag2');
50. INSERT INTO tags (image_id, name) VALUES (6, 'tag3');
51. INSERT INTO tags (image_id, name) VALUES (7, 'tag1');
52. INSERT INTO tags (image_id, name) VALUES (7, 'tag2');
53. INSERT INTO tags (image_id, name) VALUES (7, 'tag3');
54. SELECT images.name, COUNT(likes.user_id) FROM images FULL JOIN
    likes ON (images.id = likes.image_id) GROUP BY images.name;
55. SELECT users.name, images.name FROM users FULL JOIN images ON
    (users.id = images.user_id) ORDER BY users.name;
56. SELECT tags.name, COUNT(images.id) FROM tags FULL JOIN images ON
    (tags.image_id = images.id) GROUP BY tags.name;
```