

Universidad Mesoamericana

Diseño de la Base de Datos

POSTGRESQL

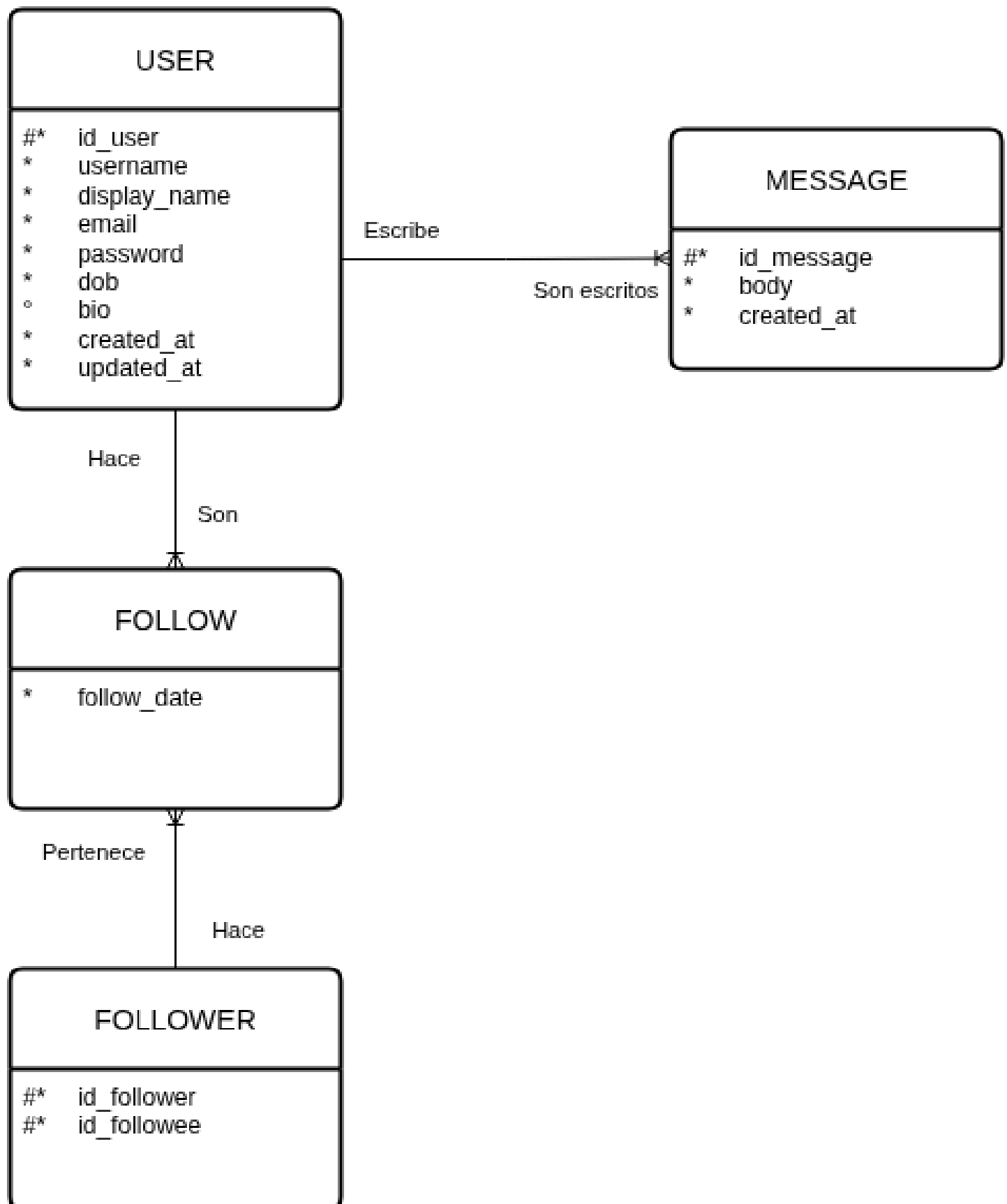
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**Programación
Web**

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Fecha de Entrega: 20/09/2025

Diagrama Entidad - Relación (ERD):



SQL Script:

```
1 CREATE TABLE "USER" (  
2     "id_user"        UUID PRIMARY KEY,  
3     "username"       TEXT          NOT NULL,  
4     "display_name"   TEXT          NOT NULL,  
5     "email"          TEXT          NOT NULL,  
6     "password"       TEXT          NOT NULL,  
7     "dob"            DATE          NOT NULL,  
8     "bio"            TEXT,  
9     "created_at"     TIMESTAMPTZ NOT NULL,  
10    "updated_at"     TIMESTAMPTZ NOT NULL  
11 );
```

```
1 CREATE TABLE "MESSAGE" (  
2     "id_message"     UUID PRIMARY KEY,  
3     "body"           TEXT          NOT NULL,  
4     "created_at"     TIMESTAMPTZ NOT NULL,  
5     "id_user"        UUID          NOT NULL,  
6     CONSTRAINT "fk_message_user"  
7         FOREIGN KEY ("id_user")  
8         REFERENCES "USER" ("id_user")  
9         ON UPDATE CASCADE  
10        ON DELETE CASCADE  
11 );  
12
```



```
1 CREATE TABLE "FOLLOWER" (  
2     "id_follower"  UUID NOT NULL,  
3     "id_followee"  UUID NOT NULL,  
4     CONSTRAINT "pk_follower"  
5         PRIMARY KEY ("id_follower", "id_followee"),  
6     CONSTRAINT "fk_follower_user"  
7         FOREIGN KEY ("id_follower")  
8         REFERENCES "USER" ("id_user")  
9         ON UPDATE CASCADE  
10        ON DELETE CASCADE,  
11     CONSTRAINT "fk_followee_user"  
12        FOREIGN KEY ("id_followee")  
13        REFERENCES "USER" ("id_user")  
14        ON UPDATE CASCADE  
15        ON DELETE CASCADE  
16 );
```



```
1 CREATE TABLE "FOLLOW" (  
2     "id_follower"  UUID          NOT NULL,  
3     "id_followee"  UUID          NOT NULL,  
4     "follow_date"  TIMESTAMPTZ NOT NULL,  
5     CONSTRAINT "pk_follow"  
6         PRIMARY KEY ("id_follower", "id_followee"),  
7     CONSTRAINT "fk_follow_pair"  
8         FOREIGN KEY ("id_follower", "id_followee")  
9         REFERENCES "FOLLOWER" ("id_follower", "id_followee")  
10        ON UPDATE CASCADE  
11        ON DELETE CASCADE  
12 );  
13
```