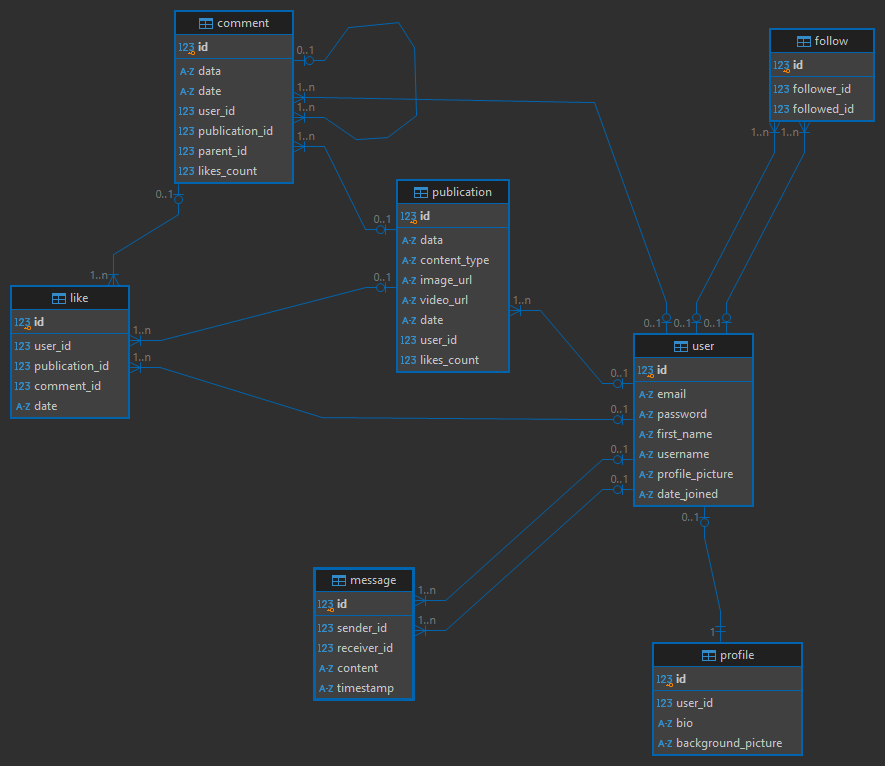
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# DIAGAMAS - RELACIONES



A screenshot of a computer

Description automatically generated

A screenshot of a computer

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A screenshot of a computer

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A computer screen shot of a computer

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# SQL QUERIES

-- comment definition

**CREATE** **TABLE** comment (

id **INTEGER** **NOT** **NULL**,

data **VARCHAR**(1000),

date **DATETIME**,

user\_id **INTEGER**,

publication\_id **INTEGER**,

parent\_id **INTEGER**,

likes\_count **INTEGER**,

**PRIMARY** **KEY** (id),

**FOREIGN** **KEY**(user\_id) **REFERENCES** user (id),

**FOREIGN** **KEY**(publication\_id) **REFERENCES** publication (id),

**FOREIGN** **KEY**(parent\_id) **REFERENCES** comment (id)

);

-- follow definition

**CREATE** **TABLE** follow (

id **INTEGER** **NOT** **NULL**,

follower\_id **INTEGER**,

followed\_id **INTEGER**,

**PRIMARY** **KEY** (id),

**FOREIGN** **KEY**(follower\_id) **REFERENCES** user (id),

**FOREIGN** **KEY**(followed\_id) **REFERENCES** user (id)

);

-- "like" definition

**CREATE** **TABLE** "like" (

id **INTEGER** **NOT** **NULL**,

user\_id **INTEGER**,

publication\_id **INTEGER**,

comment\_id **INTEGER**,

date **DATETIME**,

**PRIMARY** **KEY** (id),

**FOREIGN** **KEY**(user\_id) **REFERENCES** user (id),

**FOREIGN** **KEY**(publication\_id) **REFERENCES** publication (id),

**FOREIGN** **KEY**(comment\_id) **REFERENCES** comment (id)

);

-- message definition

**CREATE** **TABLE** message (

id **INTEGER** **NOT** **NULL**,

sender\_id **INTEGER**,

receiver\_id **INTEGER**,

content **TEXT**,

timestamp **DATETIME**,

**PRIMARY** **KEY** (id),

**FOREIGN** **KEY**(sender\_id) **REFERENCES** user (id),

**FOREIGN** **KEY**(receiver\_id) **REFERENCES** user (id)

);

-- profile definition

**CREATE** **TABLE** profile (

id **INTEGER** **NOT** **NULL**,

user\_id **INTEGER**,

bio **TEXT**,

background\_picture **VARCHAR**(200),

**PRIMARY** **KEY** (id),

**UNIQUE** (user\_id),

**FOREIGN** **KEY**(user\_id) **REFERENCES** user (id)

);

-- publication definition

**CREATE** **TABLE** publication (

id **INTEGER** **NOT** **NULL**,

data **VARCHAR**(10000),

content\_type **VARCHAR**(50),

image\_url **VARCHAR**(200),

video\_url **VARCHAR**(200),

date **DATETIME**,

user\_id **INTEGER**,

likes\_count **INTEGER**,

**PRIMARY** **KEY** (id),

**FOREIGN** **KEY**(user\_id) **REFERENCES** user (id)

);

-- "user" definition

**CREATE** **TABLE** user (

id **INTEGER** **NOT** **NULL**,

email **VARCHAR**(150),

password **VARCHAR**(150),

first\_name **VARCHAR**(150),

username **VARCHAR**(150),

profile\_picture **VARCHAR**(200),

date\_joined **DATETIME**,

**PRIMARY** **KEY** (id),

**UNIQUE** (email),

**UNIQUE** (username)

);