Table

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| --- | --- | --- | --- |
| Users   * userid (pk) * username * email * CreatedAt | Posts   * postid * userid (fk) * content * CreatedAt | Comments   * commentid * postid (fk) * userid (fk) * comment * CreatedAt | Interactions   * interactionid * userid (fk) * postid (fk) * interactiontype * CreatedAt |

create table Users (

userid int primary key auto\_increment,

username varchar(50) not null unique,

email varchar(50) not null unique,

CreatedAt timestamp default current\_timestamp

);

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create table posts (

postid int primary key auto\_increment,

userid int,

content text not null,

CreatedAt timestamp default current\_timestamp,

foreign key (userid) references users(userid)

);

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create table comments (

commentid int primary key auto\_increment,

postid int,

userid int,

comment text not null,

CreatedAt timestamp default current\_timestamp,

foreign key(postid) references posts(postid),

foreign key (userid) references users(userid)

);

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create table interactions (

interactionid int primary key auto\_increment,

postid int,

userid int,

interactiontype enum('Like', 'Share') not null,

CreatedAt timestamp default current\_timestamp,

foreign key(postid) references posts(postid),

foreign key (userid) references users(userid)

);

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