

# Report

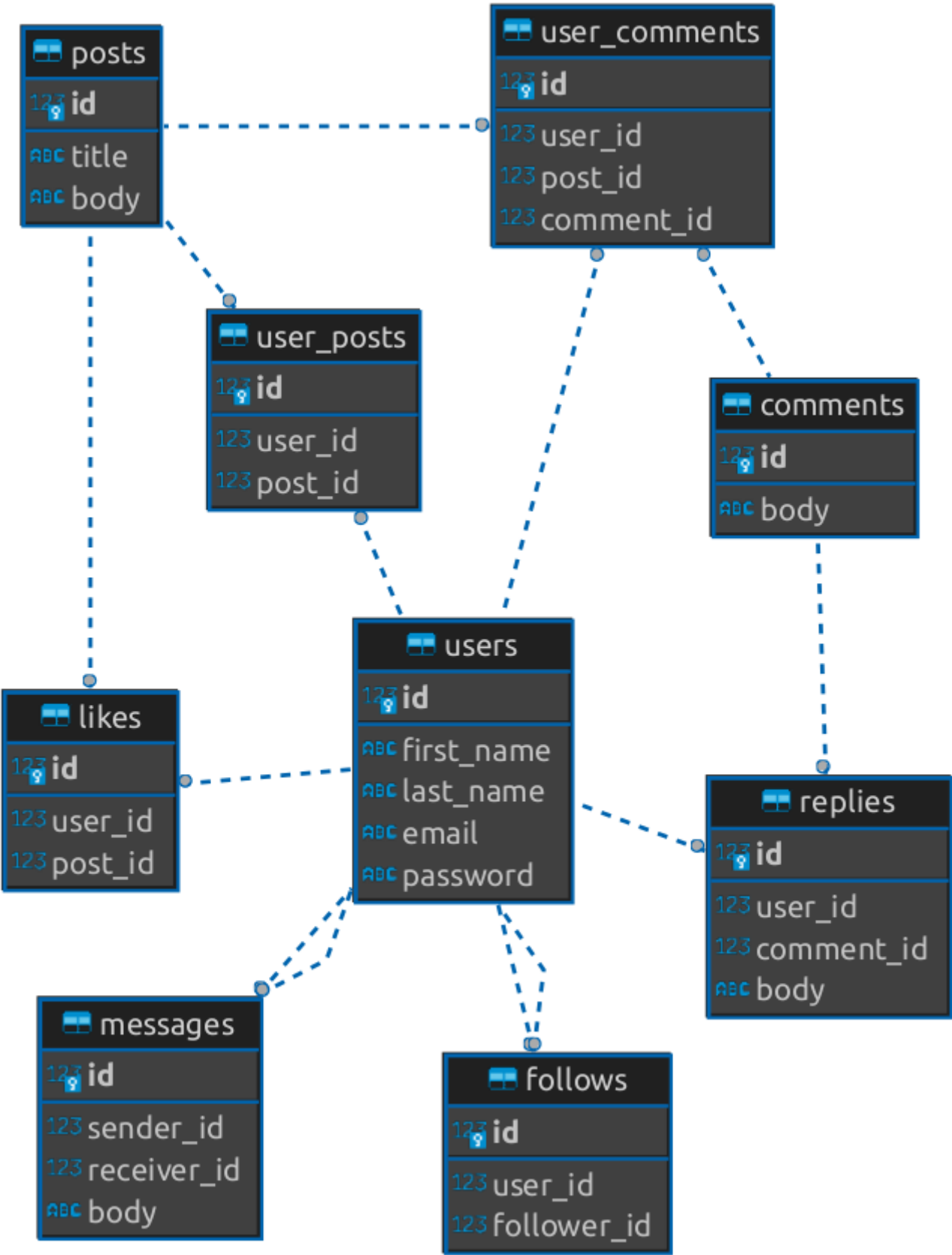
## System Specifications

Name	Version
OS	Ubuntu 22.04 LTS
CPU	Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz
RAM	16 GB

## Postgres Server Statistics Report

Table Name	Row Count	Main Key	Indexes	FK	Identity Column	Max Row Size(Bytes)
users	10000	Yes	No	No	Yes	87
posts	10000	Yes	No	No	Yes	50
user_posts	10000	Yes	No	Yes	Yes	35
comments	10000	Yes	No	No	Yes	38
user_comments	10000	Yes	No	Yes	Yes	39
replies	10000	Yes	No	Yes	Yes	46
likes	10000	Yes	No	Yes	Yes	35
follows	10000	Yes	No	Yes	Yes	35
messages	10000	Yes	No	Yes	Yes	46

## Postgres Server Schema



MongoDB Server Schema

users

```
{
  _id: ObjectId('63a4a1341a8351e734f80e5a'),
  id: 0,
  first_name: 'Mourad0',
  last_name: 'ElAtrosh0',
  email: 'user0@gmail.com',
  password: '123456'
}
```

## posts

```
{
  _id: ObjectId('63a4a1541a8351e73407509b'),
  id: 0,
  title: 'Title0',
  body: 'Content0'
}
```

## user\_posts

```
{
  _id: ObjectId('63a4a1731a8351e7341692db'),
  id: 0,
  user_id: 0,
  post_id: 0
}
```

## comments

```
{
  _id: ObjectId('63a4a1931a8351e73425d51b'),
  id: 0,
  body: 'Comment0'
}
```

## user\_comments

```
{
  _id: ObjectId('63a4a1b61a8351e73435175b'),
  id: 0,
  user_id: 0,
  post_id: 0,
}
```

```
    comment_id: 0  
  }
```

## replies

```
{  
  _id: ObjectId('63a4a1e31a8351e73444599b'),  
  id: 0,  
  user_id: 0,  
  comment_id: 0,  
  body: 'Reply0'  
}
```

## likes

```
{  
  _id: ObjectId('63a4a20d1a8351e734539bdb'),  
  id: 0,  
  user_id: 0,  
  post_id: 0  
}
```

## follows

```
{  
  _id: ObjectId('63a4a2351a8351e73462de1b'),  
  id: 0,  
  user_id: 0,  
  following_id: 0  
}
```

## messages

```
{  
  _id: ObjectId('63a4a2611a8351e73472205b'),  
  id: 0,  
  sender_id: 0,  
  receiver_id: 0,  
  body: 'Message0'  
}
```