

HN DB

Jacob Hummer

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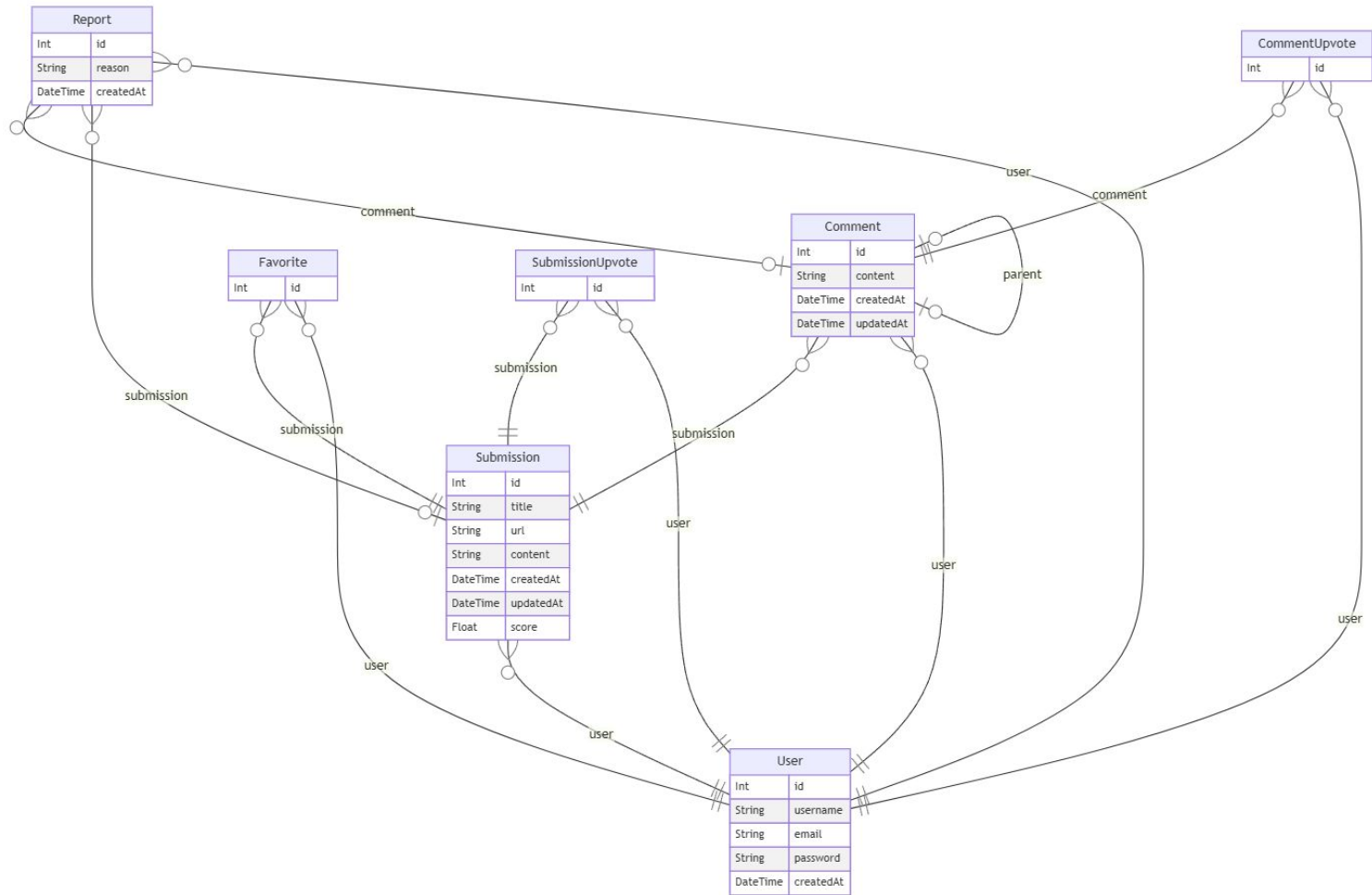
More

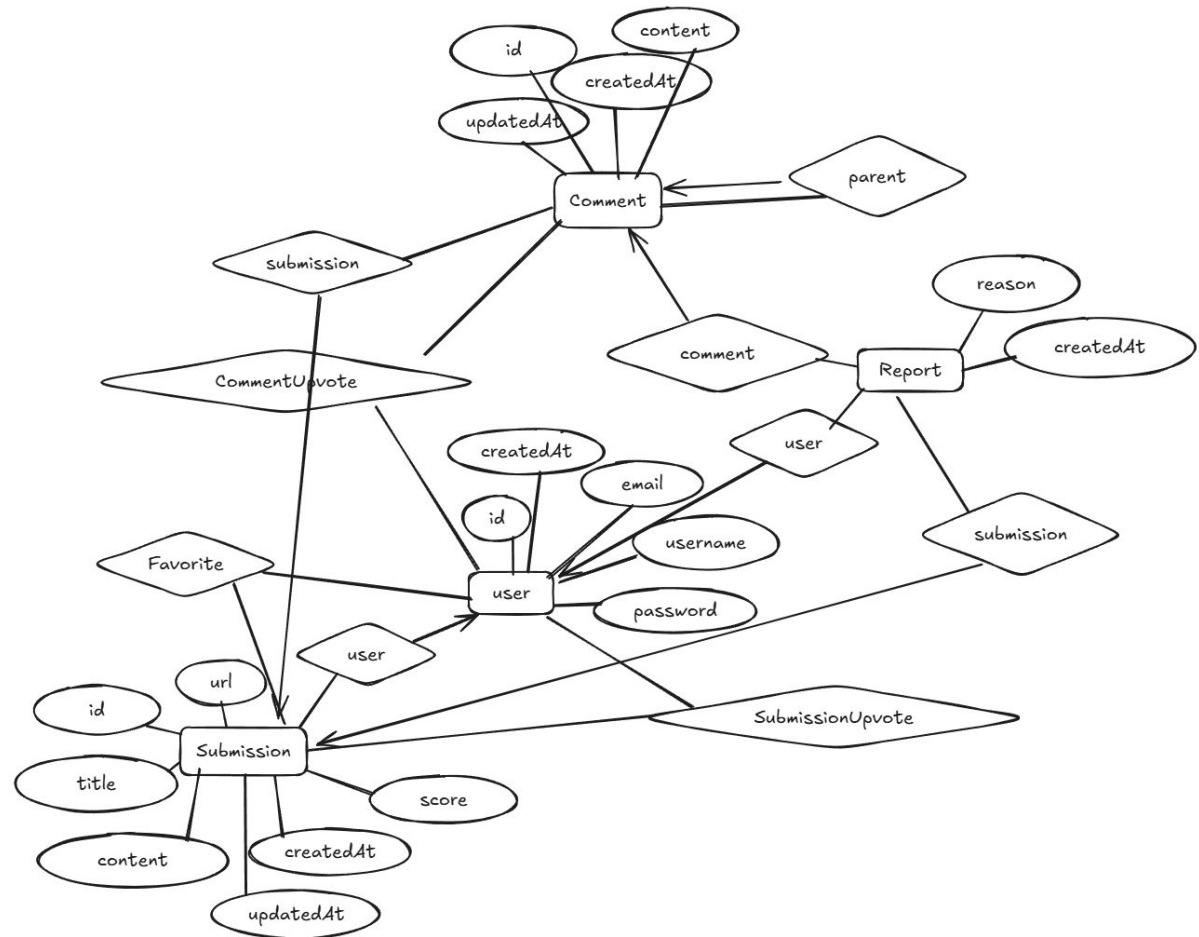
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Implementation



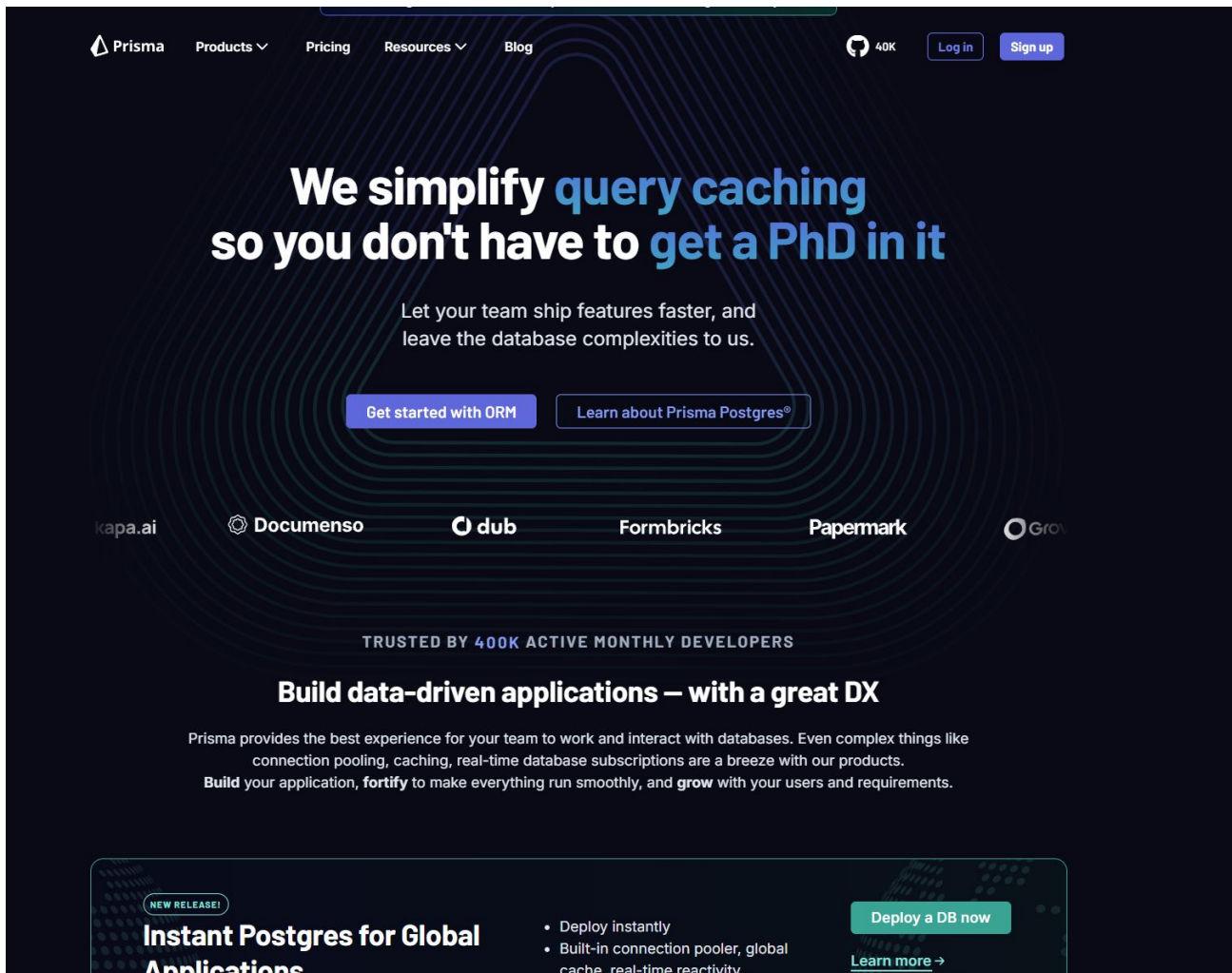


```

6   }
7
8   datasource db {
9     provider = "postgresql"
10    url      = env("POSTGRES_PRISMA_URL") // uses connection pooling
11    directUrl = env("POSTGRES_URL_NON_POOLING") // uses a direct connection
12  }
13
14  model User {
15    id          Int          @id @default(autoincrement())
16    username    String       @unique
17    email       String       @unique
18    password    String
19    createdAt   DateTime     @default(now())
20    submissions Submission[]
21    comments    Comment[]
22    favorites   Favorite[]
23    upvotedSubmissions SubmissionUpvote[]
24    upvotedComments CommentUpvote[]
25    reports     Report[]
26  }
27
28  // The score field in the Submission model will be updated using a scheduled job in JavaScript
29  // to decay over time. The score is calculated based on the number of upvotes and the age of the submission.
30  model Submission {
31    id      Int          @id @default(autoincrement())
32    title   String
33    url     String?
34    content String?
35    createdAt DateTime   @default(now())
36    updatedAt DateTime   @updatedAt
37    userId  Int
38    user    User         @relation(fields: [userId], references: [id])
39    comments Comment[]
40    upvotes SubmissionUpvote[]
41    score   Float        @default(0) // Multiplied by 0.5 every cron "0 5 * * *" by /api/decay-submission-score
42    Favorite Favorite[]
43    Report  Report[]
44  }
45
46  model Comment {
47    id      Int          @id @default(autoincrement())

```


<https://www.prisma.io/>

The image shows the Prisma website landing page. The background is dark blue with a subtle pattern of concentric circles. The navigation bar at the top includes the Prisma logo, links for Products, Pricing, Resources, and Blog, and buttons for Log in and Sign up. The main headline is 'We simplify query caching so you don't have to get a PhD in it'. Below this is a sub-headline: 'Let your team ship features faster, and leave the database complexities to us.' There are two buttons: 'Get started with ORM' and 'Learn about Prisma Postgres®'. A row of logos for partner companies (kapa.ai, Documenso, dub, Formbricks, Papermark, Grover) is displayed. Below that, it says 'TRUSTED BY 400K ACTIVE MONTHLY DEVELOPERS'. The next section is 'Build data-driven applications — with a great DX', followed by a paragraph about Prisma's benefits and a list of features. At the bottom, there's a 'NEW RELEASE!' badge, the title 'Instant Postgres for Global Applications', a list of features, a 'Deploy a DB now' button, and a 'Learn more' link.

Prisma Products ▾ Pricing Resources ▾ Blog 40K Log in Sign up

We simplify query caching so you don't have to get a PhD in it

Let your team ship features faster, and leave the database complexities to us.

Get started with ORM Learn about Prisma Postgres®

kapa.ai Documenso dub Formbricks Papermark Grover

TRUSTED BY 400K ACTIVE MONTHLY DEVELOPERS

Build data-driven applications — with a great DX

Prisma provides the best experience for your team to work and interact with databases. Even complex things like connection pooling, caching, real-time database subscriptions are a breeze with our products.

Build your application, **fortify** to make everything run smoothly, and **grow** with your users and requirements.

NEW RELEASE!

Instant Postgres for Global Applications

- Deploy instantly
- Built-in connection pooler, global cache, real-time reactivity

Deploy a DB now

[Learn more →](#)

```
const user = await prisma.user.create({
  data: {
    email: 'elsa@prisma.io',
    name: 'Elsa Prisma',
  },
})
```

Show query results

The following query returns all records where the `email` field contains `Prisma`, and sorts the result by the `title` field. The query skips the first 200 records and returns records 201 - 220.

```
const results = await prisma.post.findMany({
  skip: 200,
  take: 20,
  where: {
    email: {
      contains: 'Prisma',
    },
  },
  orderBy: {
    title: 'desc',
  },
})
```

The React Framework for the Web

Used by some of the world's largest companies, Next.js enables you to create **high-quality web applications** with the power of React components.

Get Started

Learn Next.js

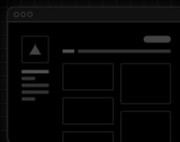
▲ ~ npx create-next-app@latest

What's in Next.js? Everything you need to build great products on the web.



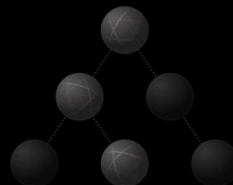
Built-in Optimizations

Automatic Image, Font, and Script Optimizations for improved UX and Core Web Vitals.



Dynamic HTML Streaming

Instantly stream UI from the server, integrated with the App Router and React Suspense.



React Server Components

Add components without sending additional client-side JavaScript. Built on the latest React features.

<https://nextjs.org/>

```

71     score: {
72     }
73   }
74 }
75 })
76 }}>
77   <ChevronUp className="h-4 w-4" />
78 </button>
79 <div className="flex flex-col space-y-1">
80   {url ? (
81     <div className="flex items-center space-x-1">
82       <Link href={url} className="text-sm font-medium text-black hover:underline">
83         {title}
84       </Link>
85       <span className="text-xs text-gray-500">
86         ({new URL(url).hostname})
87       </span>
88     </div>
89   ) : (
90     <Link href={` /item/${id}`} className="text-sm font-medium text-black hover:underline">
91       {title}
92     </Link>
93   )}
94   <div className="flex items-center space-x-1 text-xs text-gray-500">
95     <span>{upvotes}</span> upvotes</span>
96     <span>by</span>
97     <Link href={` /user/${author}`} className="hover:underline">
98       {author}
99     </Link>
100    <span>{time}</span>
101    <span>|</span>
102    <Link href={` /item/${id}`} className="hover:underline flex items-center">
103      <MessageSquare className="h-3 w-3 mr-1" />
104      {commentsCount} comments
105    </Link>
106    {session?.user?.email && <button className="text-xs text-gray-500 hover:text-[#ff6600]" onClick={async () => {
107      "use server"
108      await prisma.report.create({

```

Data

Browse the tables in this database and run SQL queries against the data.

Browse

Query

```
SELECT COUNT(*) FROM "Submission";
```



Ran query successfully

Ran in 83ms



Run Query

count

4046

Data

Browse the tables in this database and run SQL queries against the data.

Browse

Query

```
SELECT COUNT(*) FROM "Comment";
```



Ran query successfully

Ran in 76ms



Run Query

count

13962

DEMO

<https://hndb.vercel.app/>

[test1@example.com](#) password

Conclusion

ORMs are great

```
23   time,
24   commentsCount,
25   rank
26 }: SubmissionProps) {
27   const session = await auth()
28   const ableToUpvote = session?.user?.email ? !await prisma.submissionUpvote.findFirst({
29     where: {
30       submissionId: id,
31       user: {
32         email: session.user.email
33       }
34     }
35   }) : false
36
37   return (
38     <div className="flex items-start space-x-2 py-2">
39       {rank} && <span className="text-sm text-gray-500 w-4 text-right">{rank}</span>
```


Go look at code

<https://github.com/jcbhmr/hndb>