Research

Database

- Planetscale (https://planetscale.com/pricing)
  - SQL
  - Free tier includes:
    - 5gb storage
    - 1 bil reads/month
    - 10 mil write/month
    - 1 prod branch
    - 1 dev branch
  - works well with nextjs and vercel (serverless hosting software that is also free)
- Amazon RDS free tier (https://aws.amazon.com/rds/free/)
  - SQL
  - "Free tier" expires after a year includes:
    - 750 hrs computational time / month
    - 20gb storage
- Google firestore
  - Document DB
  - free tier (spark plan):
    - 1gb storage / month
    - 10 gb/month network egress
    - 20k writes/day
    - 50k reads/day
    - 20k deletes/day
    - authentication
  - beyond free quota:
    - reads: $.06 per 50,000 reads per day
    - writes: $.18 per 20,000 writes per day
    - deletes: $.02 per 20,000 deletes per day
    - storage: $.18 per gigabyte per month
  - note: firebase also offers hosting, auth, and other stuff
- providers in vercel docs:
  https://vercel.com/docs/concepts/solutions/databases#providers
- supabase (open source firebase alternative) https://supabase.com/pricing
- mongo atlas https://www.mongodb.com/pricing

Hosting

- vercel is faster than firebase, firebase is an "all in one" tool
  https://betterprogramming.pub/firebase-vs-vercel-aka-zeit-now-2020-7f5ab18d865f

- can still use firestore db
  https://github.com/vercel/next.js/tree/canary/examples/with-firebase
- and firebase auth
  https://github.com/vercel/next.js/tree/canary/examples/with-firebase-authentication
- docs: https://vercel.com/docs/concepts/get-started