**Week 18**

* Timeseries database for showing graphs. Timescaledb is a famous one.
* .env.example shows you that this is the structure of the environment variable file so that you can change it accordingly. Dummy credentials are put into .env.example
* Copy contents from .env.example to .env
* Seeding means putting some dummy data in the database. Upsert is used so that if the data already exists then it is updated. Error is not given in this way. npx prisma db seed.
* Should never put decimal in databases for precision issues.
* Action is simply an http request but with use server at the top. It is crated in apps/user-app/lib/actions/onRamptxn.ts
* Before we redirect the user to netbanking.somebank.com, we first communicate with the bank that a user is coming your way with this amount. The bank returns a token and then we redirect the user with that specific token.
* Basically, when the user clicks on Add Money, a backend request goes which gets the token from the bank and adds the onRamp txn. Simultaneously the user is redirected to netbanking.somebank.com
* Remix maybe lets you deploy backend for free.
* Railway.app to host express server for free.
* Off topic – elastic search should never be your primary db. Search uses elastic search.
* Bun is way faster in running tests which makes it much faster in CI/CD.
* Get the icons from heroicons.com
* Database locking would have to be implemented in P2P transfers.
* Mongodb reverts the second transaction if it finds that a transaction is already running and not committed on the rows.