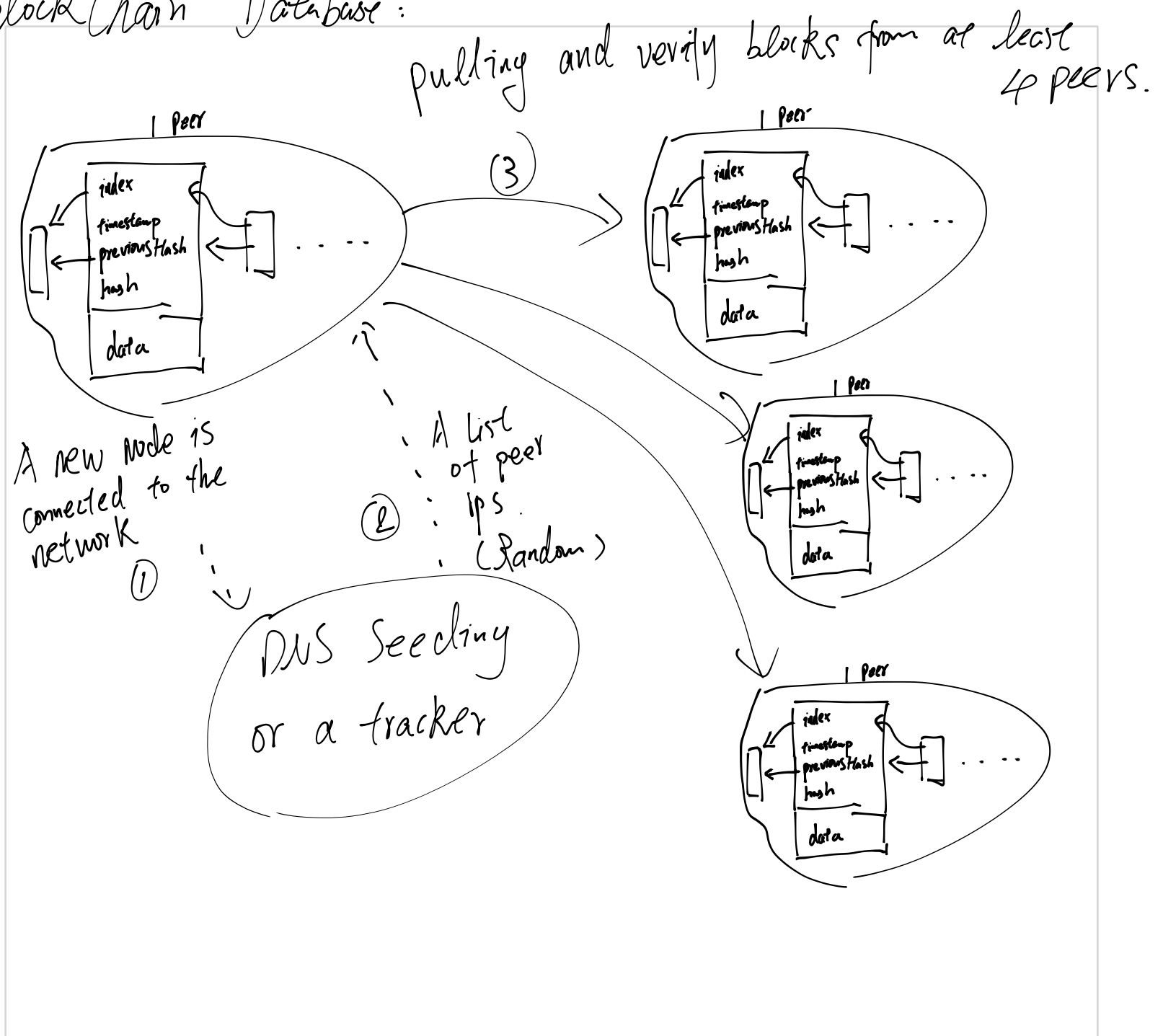


A blockchain based voting system

This project includes:

- ① A blockchain database with DNS seeding.
- ② A voting system based on ①; possible interface would be a webApp based on Flask.
- ③ I would pack all of these into a Docker image to unify testing and developing environments.

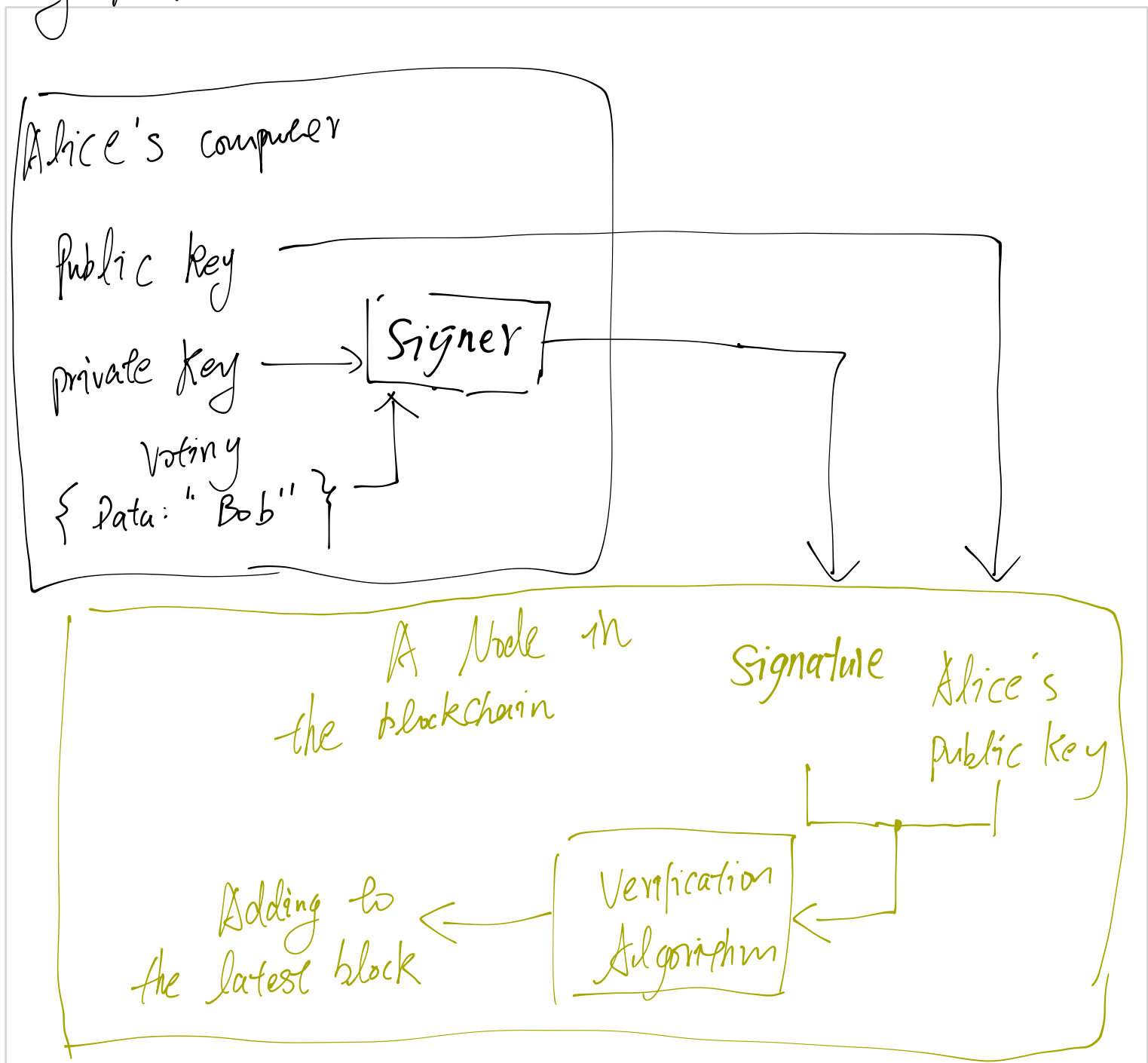
The Blockchain Database:



The challenging part of the p2p blockchain database is the handle of synchronization of peers as following:

- Proof of Work Algorithm
- Conflicts resolving.

The voting module



Vote Counting $\square \rightarrow \square \rightarrow \dots \square$ go through all blocks

The voting part is quite simple once we have a functional blockchain database.