Prony Design Pattern

A propy is a Structural design pattern, which lets you provide a substitute or a placeholder for another object.

A propy controls access to other objects, allowing some operation to perform in between.

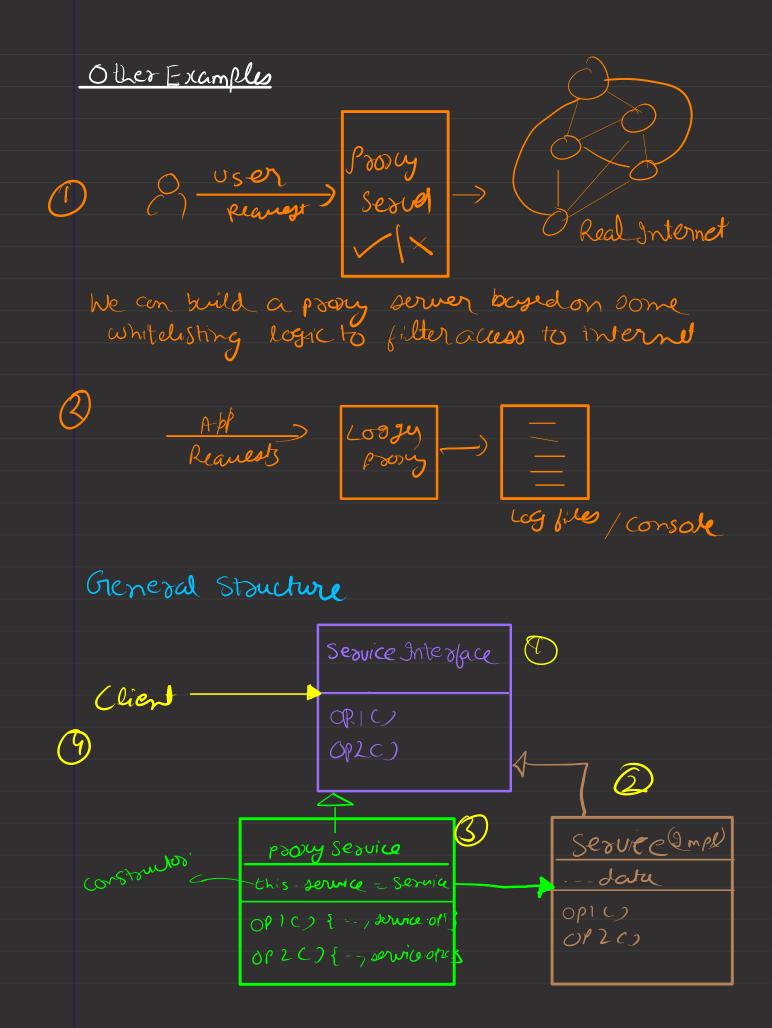
What problem does it solve?

let's say we have an erf , where client request comes in and castes bordeute. Now the problem is the data averying is very slow from DB and expensive



Now the problem croises if these client calls are recurring in a small span of time, it may overwhelm the system.

So here we con use the proxy design pattern to have a cache in place and return the data is it has already.



- 1 Service enterbace; We make an interbace for the
- 2 service Class! concrete class of service interface!
- 3 Prophy Service: This is a concrete class of theintestore which has instance of the concrete service class and uses this to perform actions
- 4 Client: 97 ases the service interface to interact with both proxy & concrete objects.