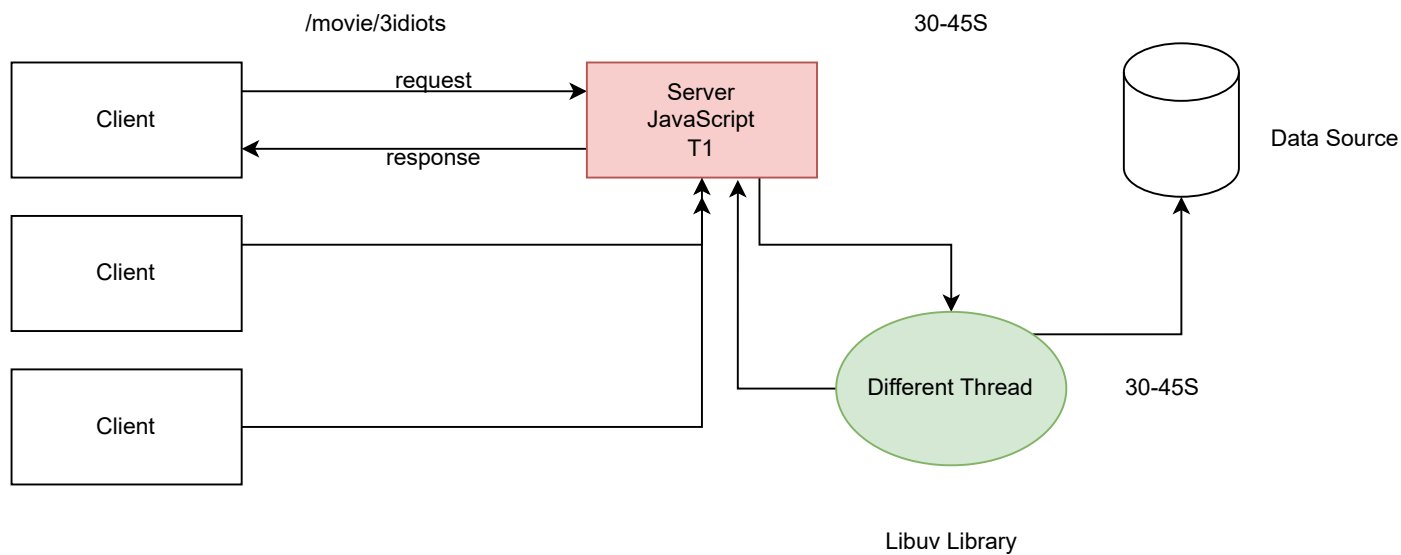
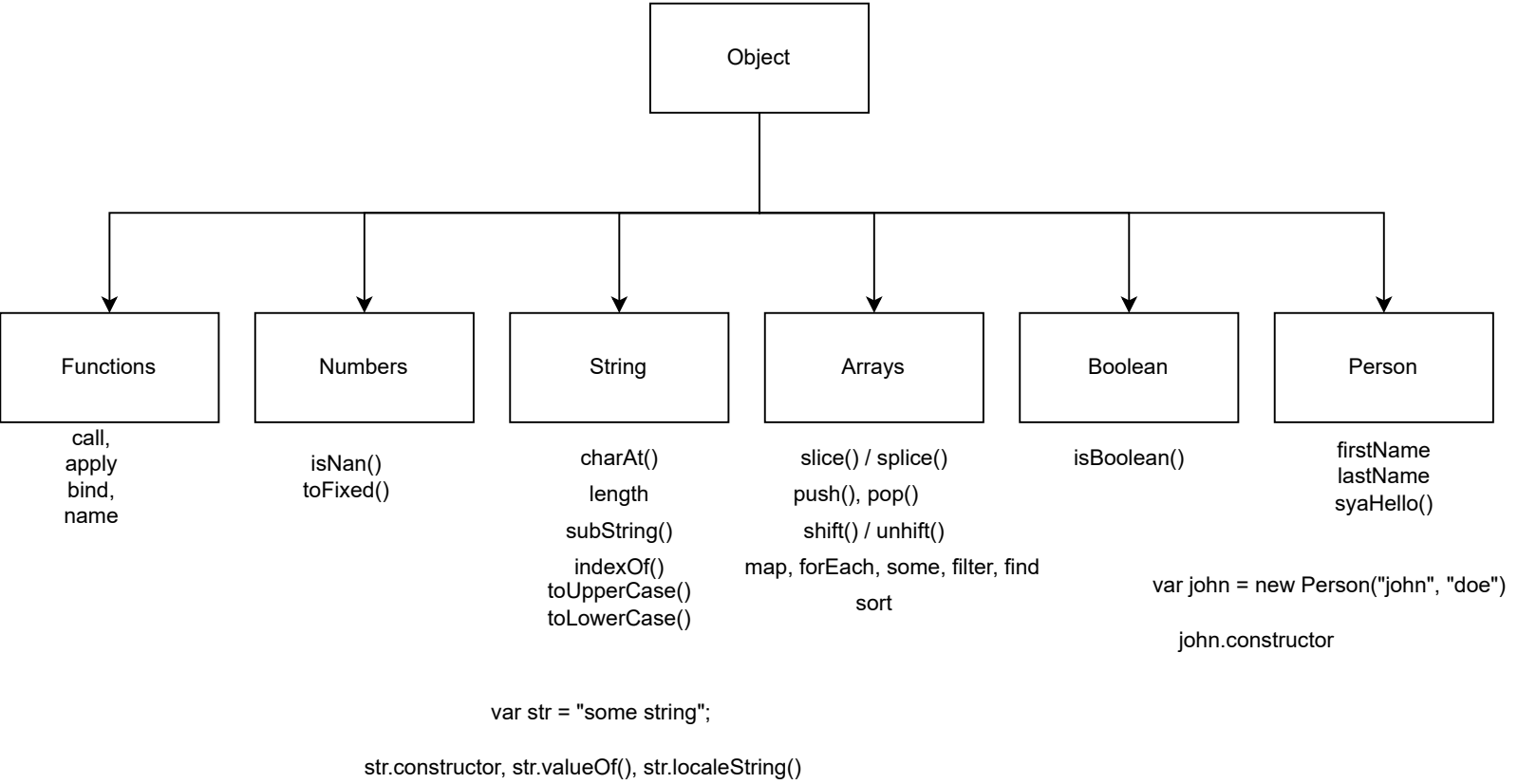


# Event System in JavaScript

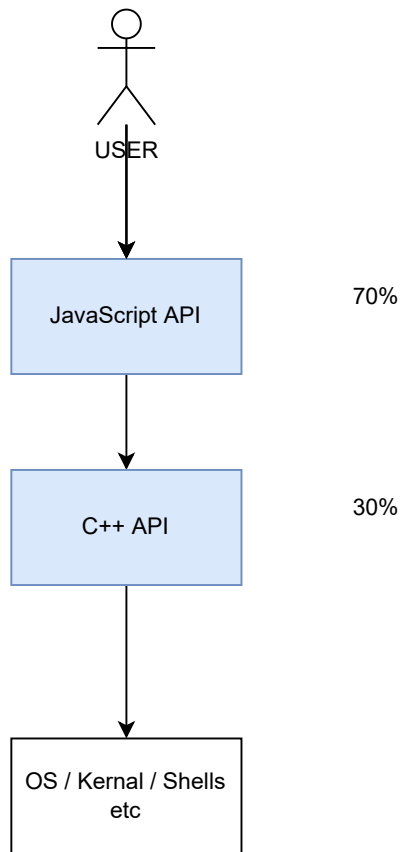


# Object Hierarchy in JavaScript

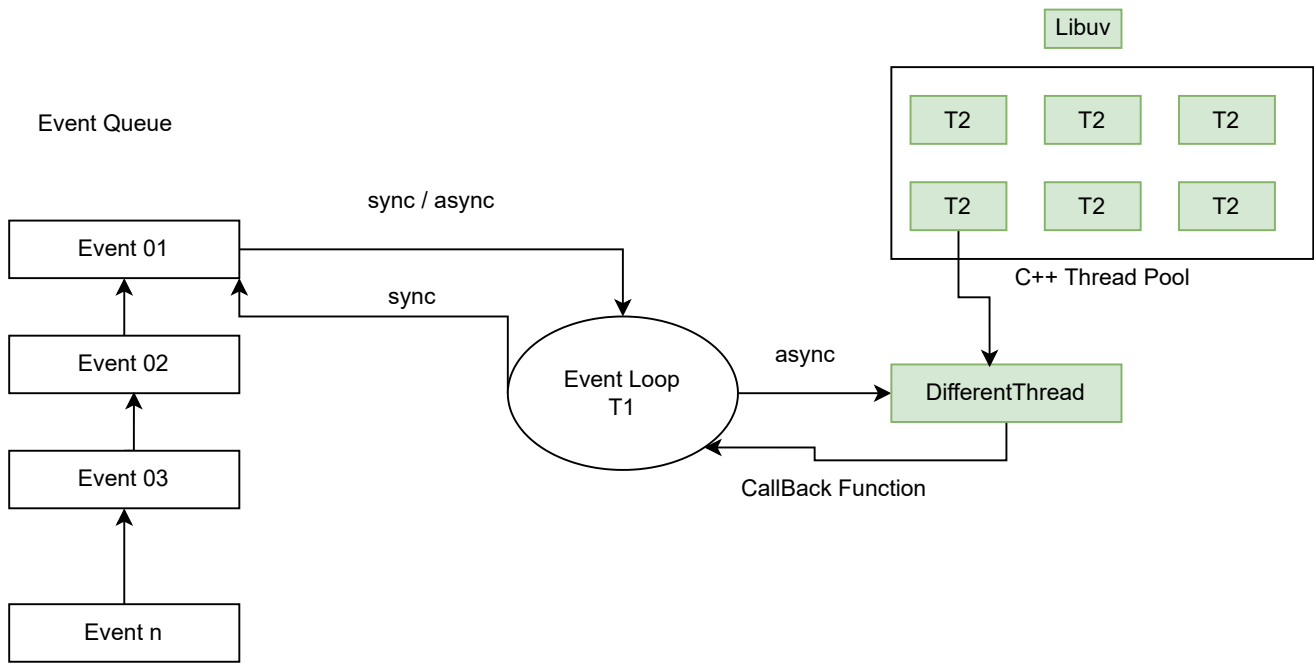
constructor, toLocaleString(), hasOwnProperty(), isPrototypeOf(), valueOf() etc



# NodeJS Internals



# NodeJS Process Model



# Module System

Core Module /  
Native Module

Comes along with Installer. Need not to install them separately.  
e.g - Path, OS, Events, File System, http etc.

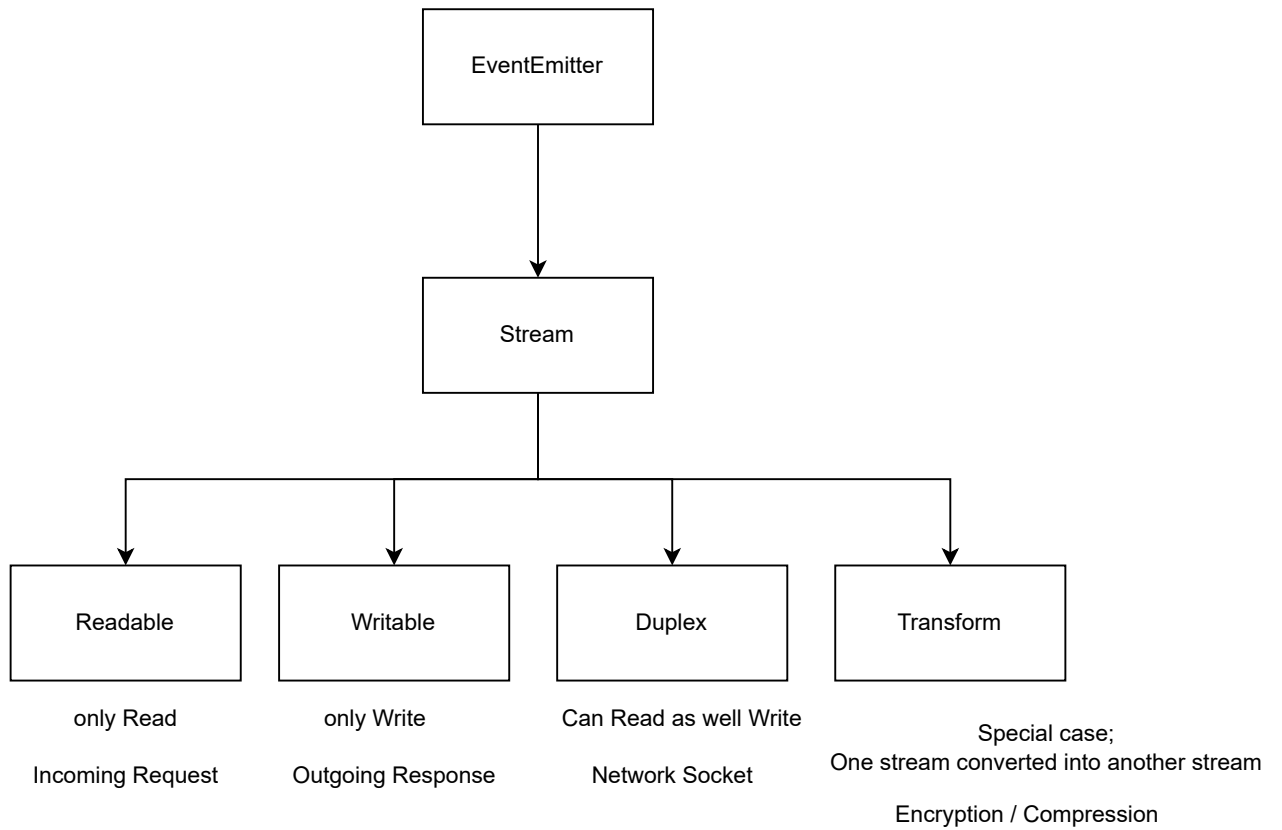
External Module  
/ Packages

To be installed separately. Community people created such modules. Backbone of  
NodeJS. More than 8L modules available.  
**[npmjs.com](https://www.npmjs.com)**

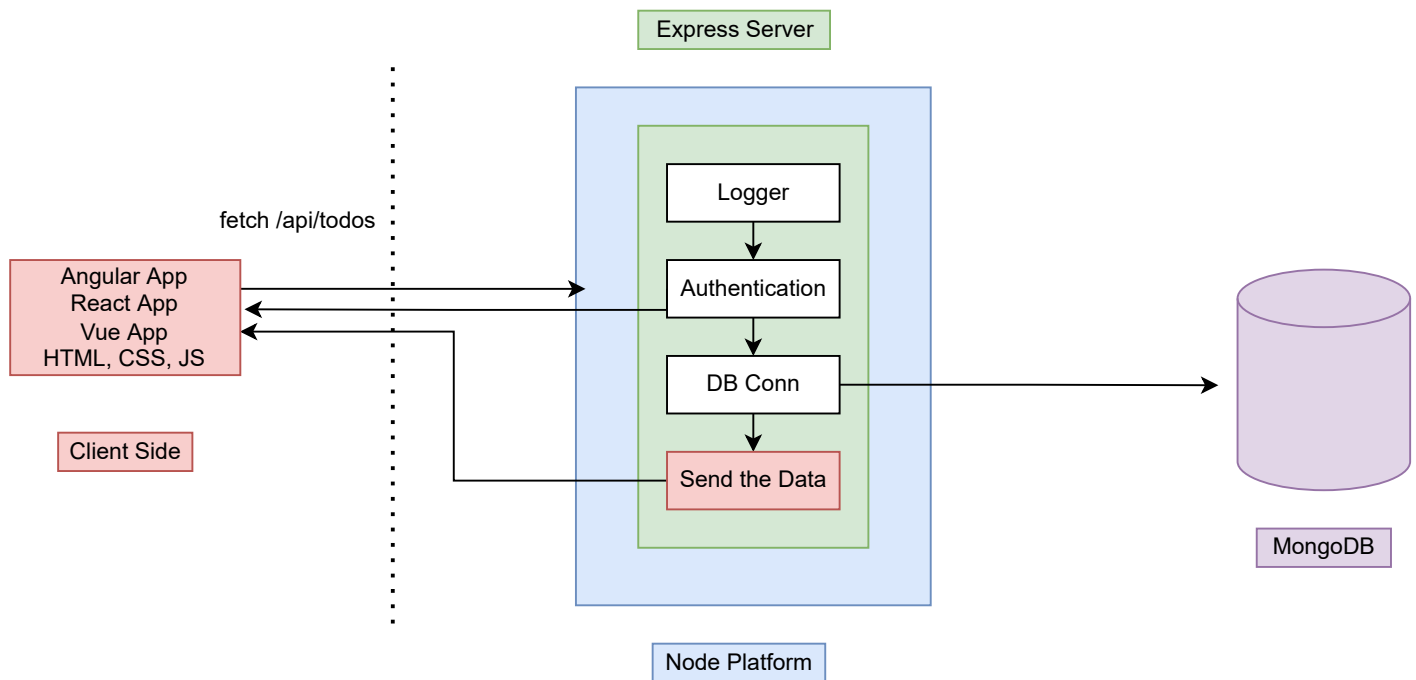
File Module

Developers (YOU) create such module to achieve specific function.

# EventEmitter is the base Class for All Streams



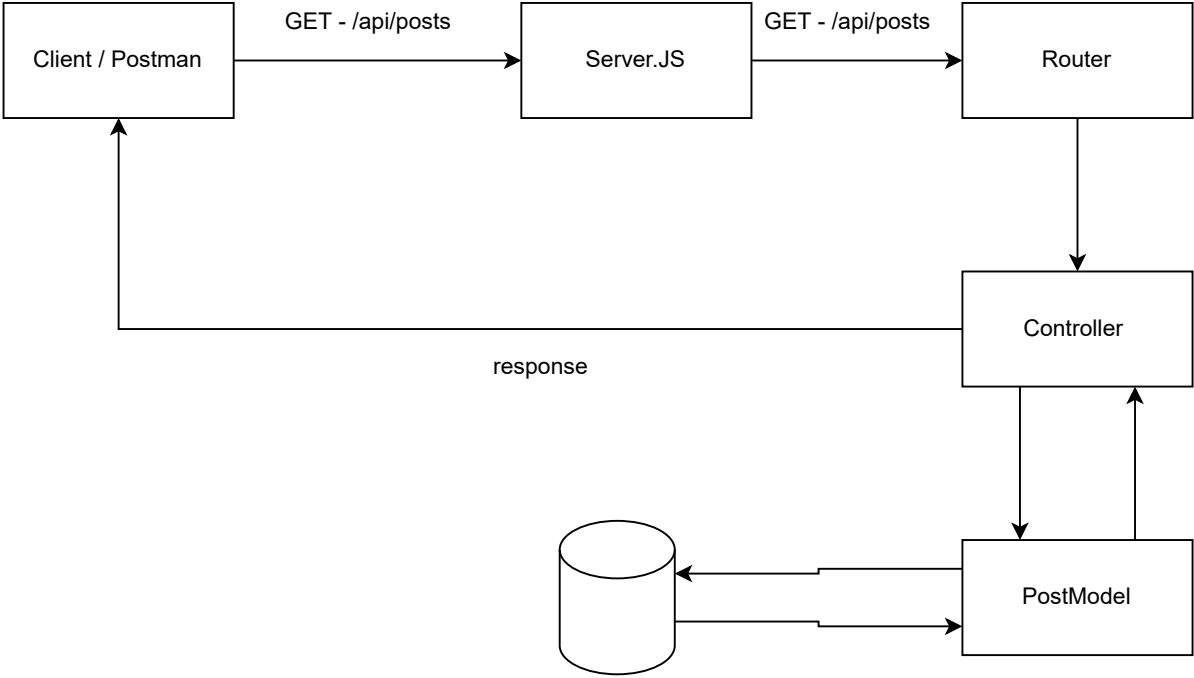
# MEAN / MERN Full Stack Diagram



## Middlewares-

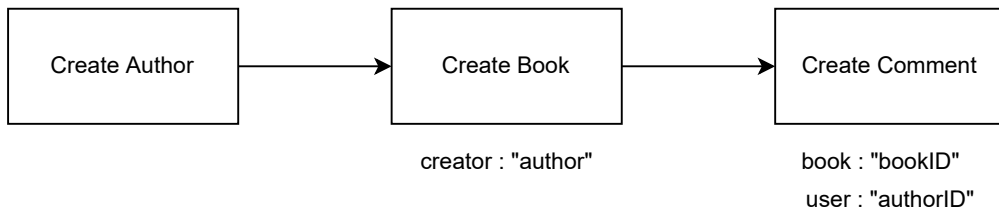
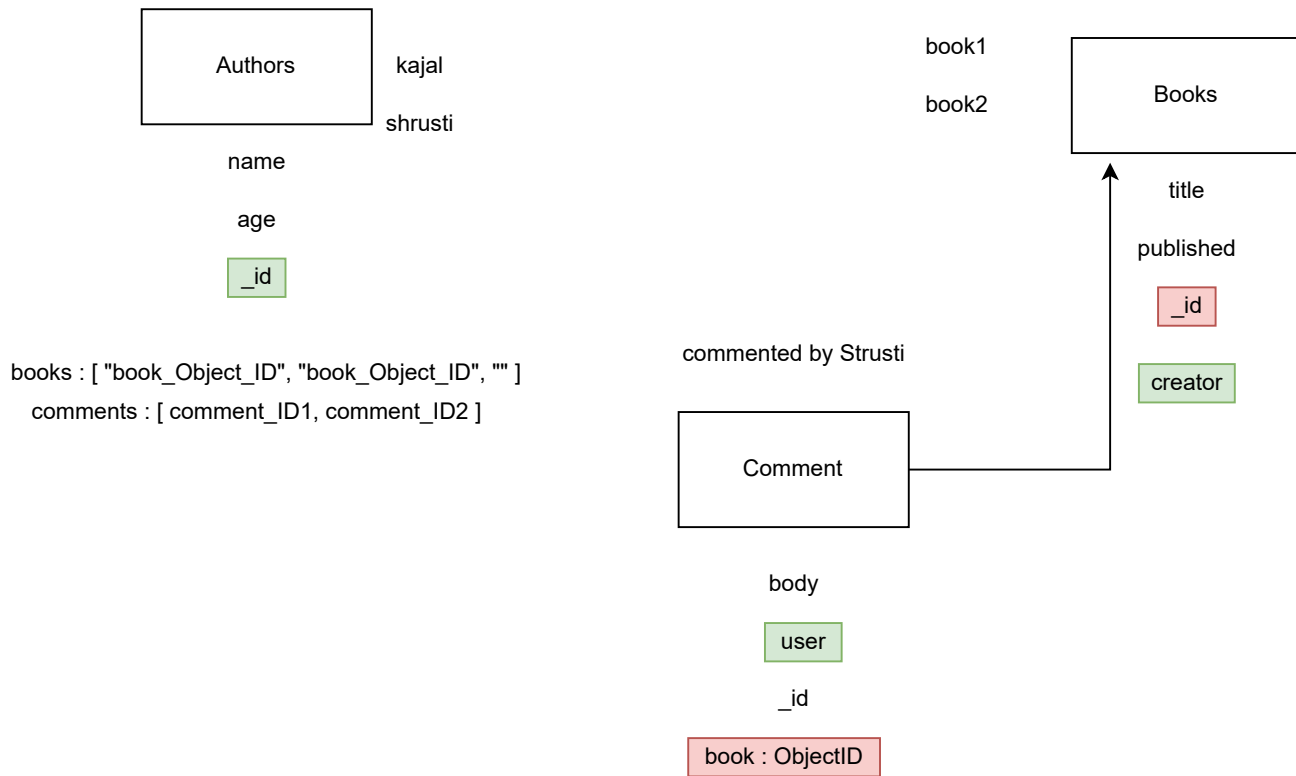
- Simple Functions
- Request, Response and Next Function

# Node App Structure

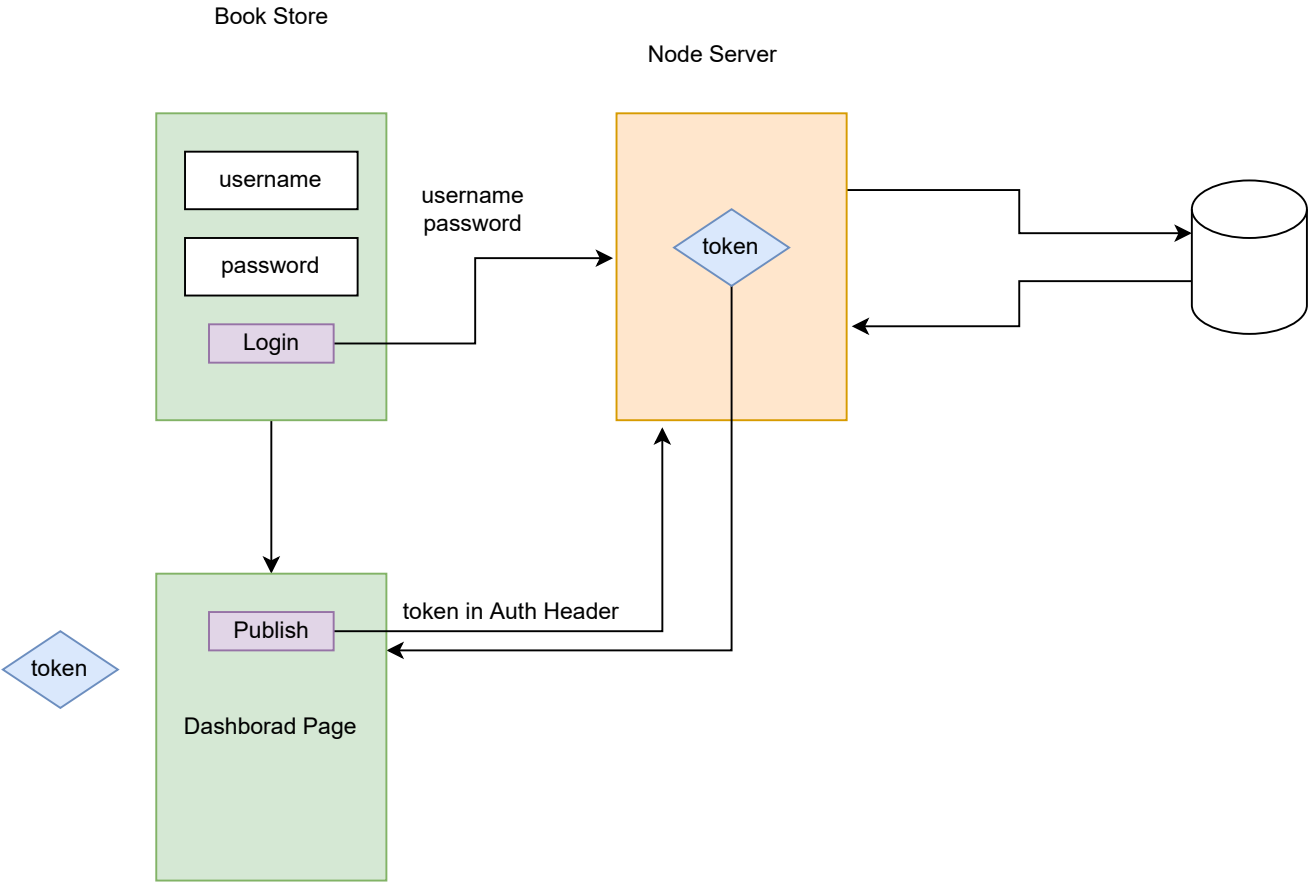




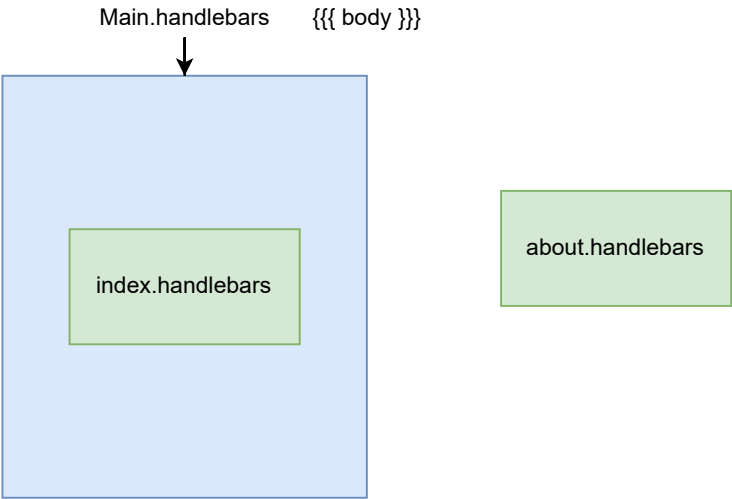
# NodeJS Mongoose App - Understanding



# JWT Understanding

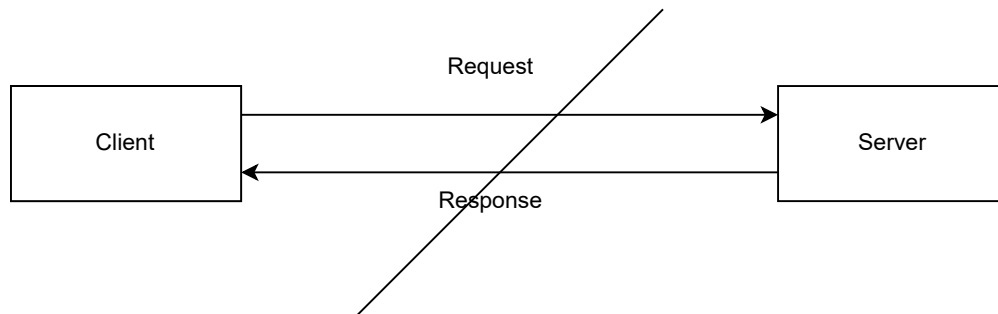


# Layout in Handlebars

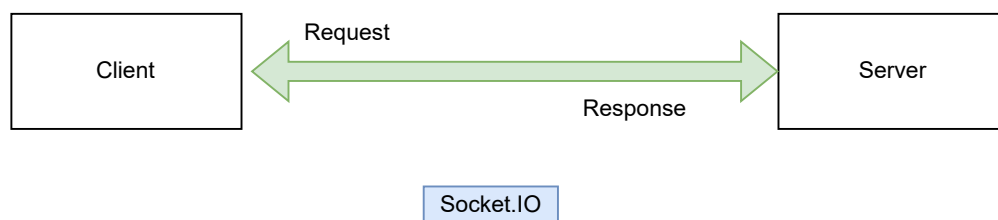


# Socket Programming - Understanding

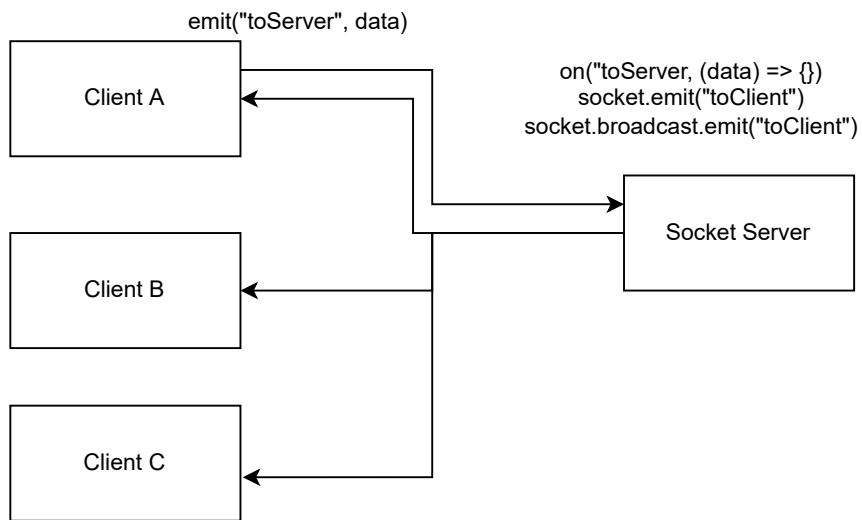
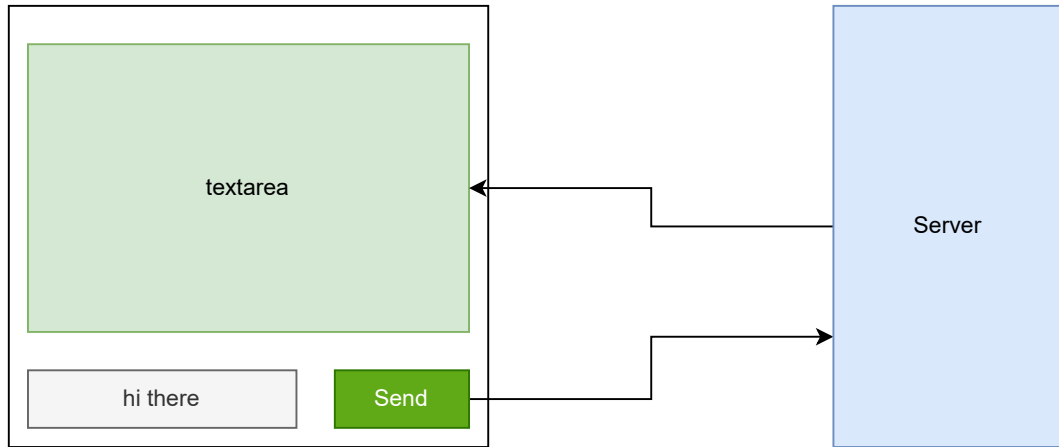
## Disconnected Connection Architecture



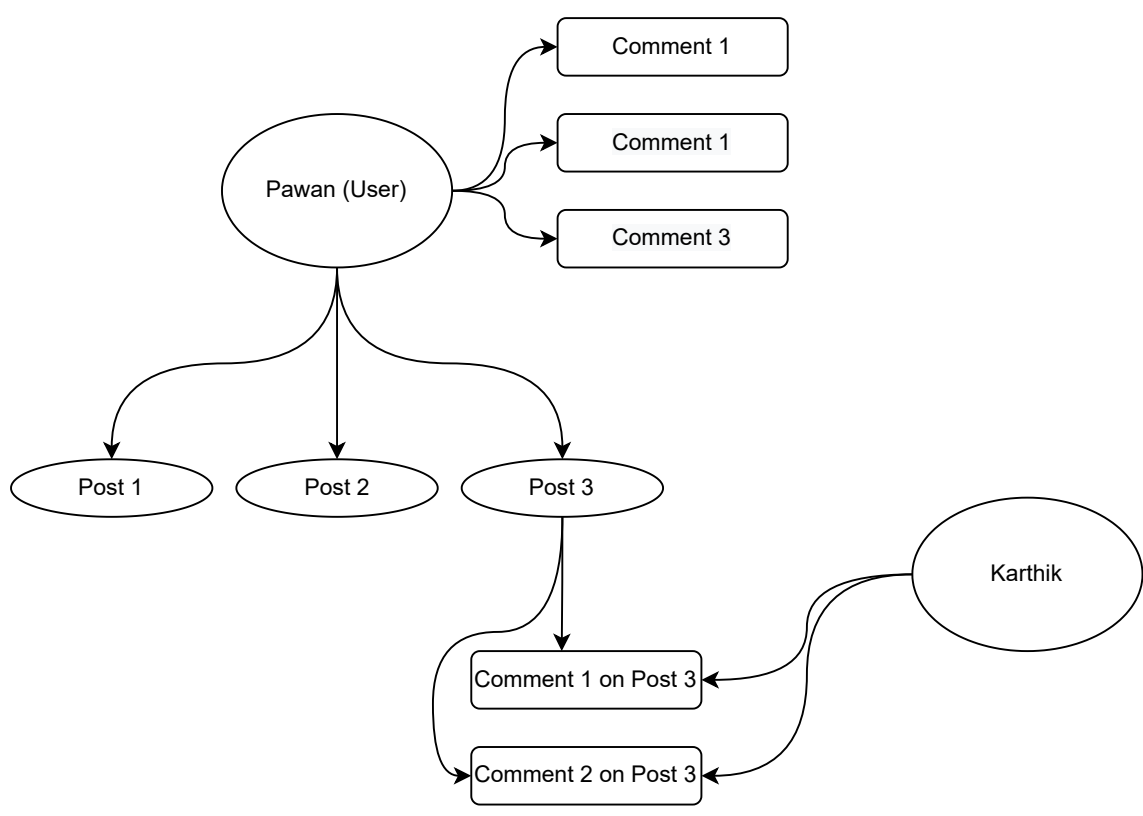
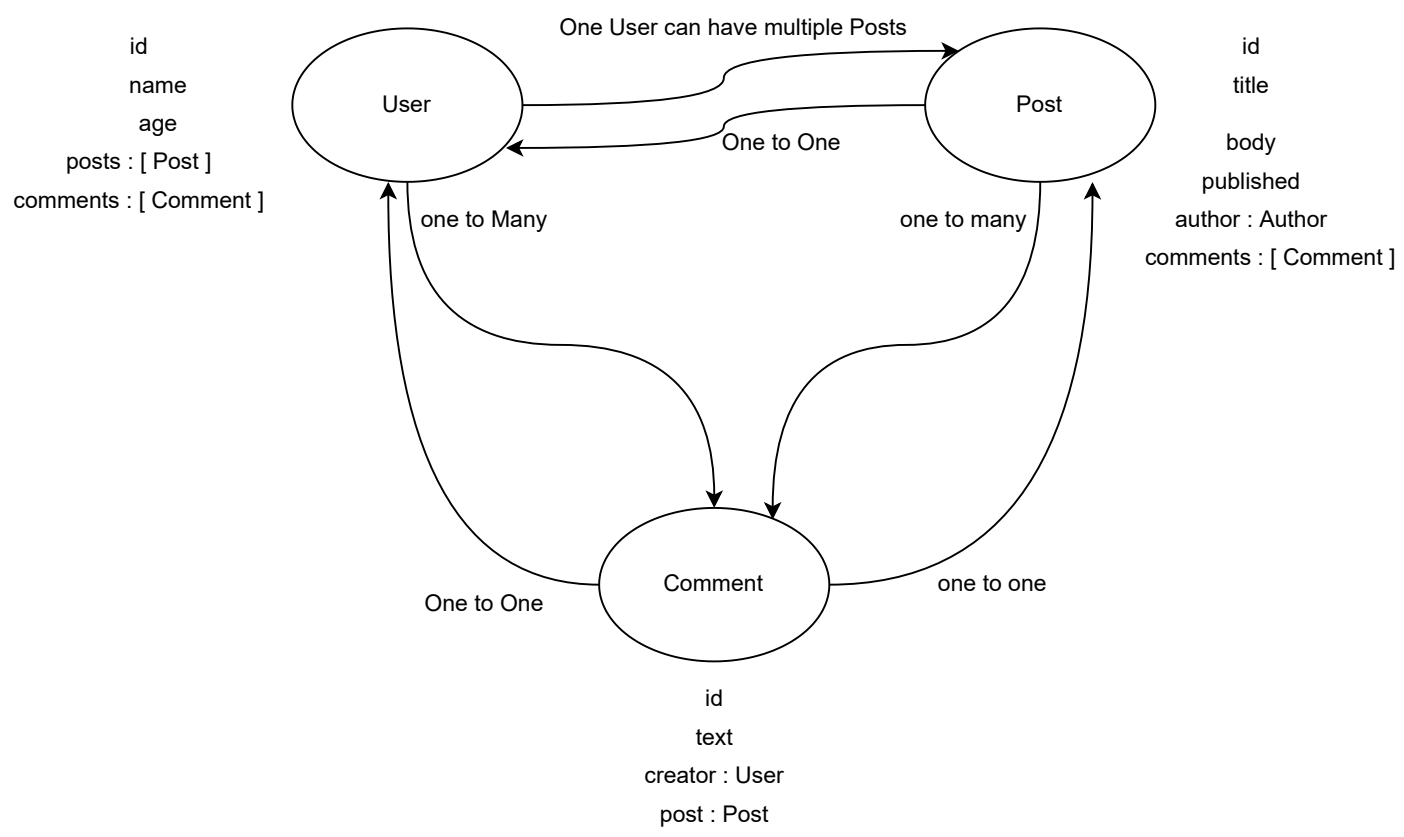
## Connected Communication Architecture



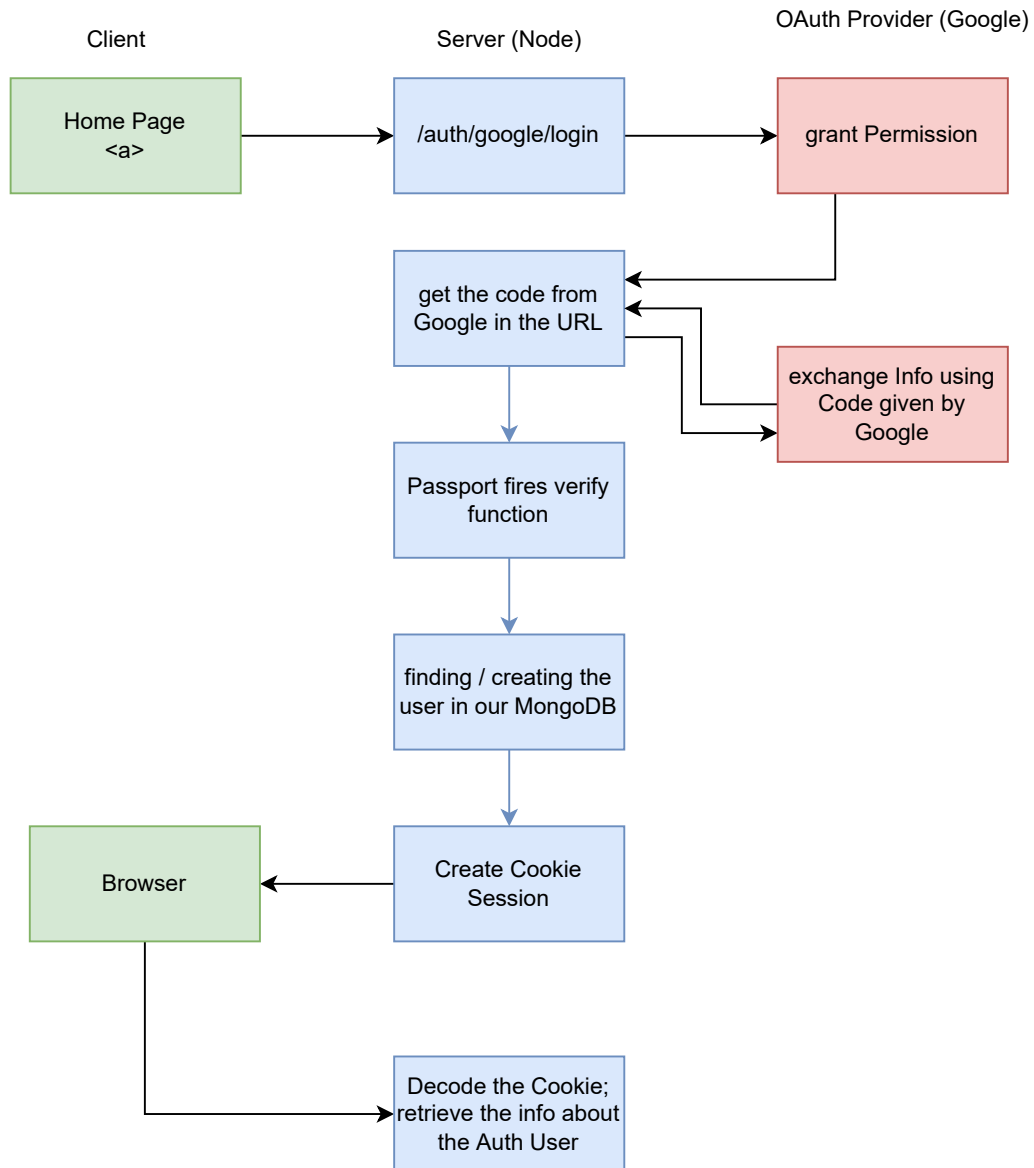
# Chattr App - UI



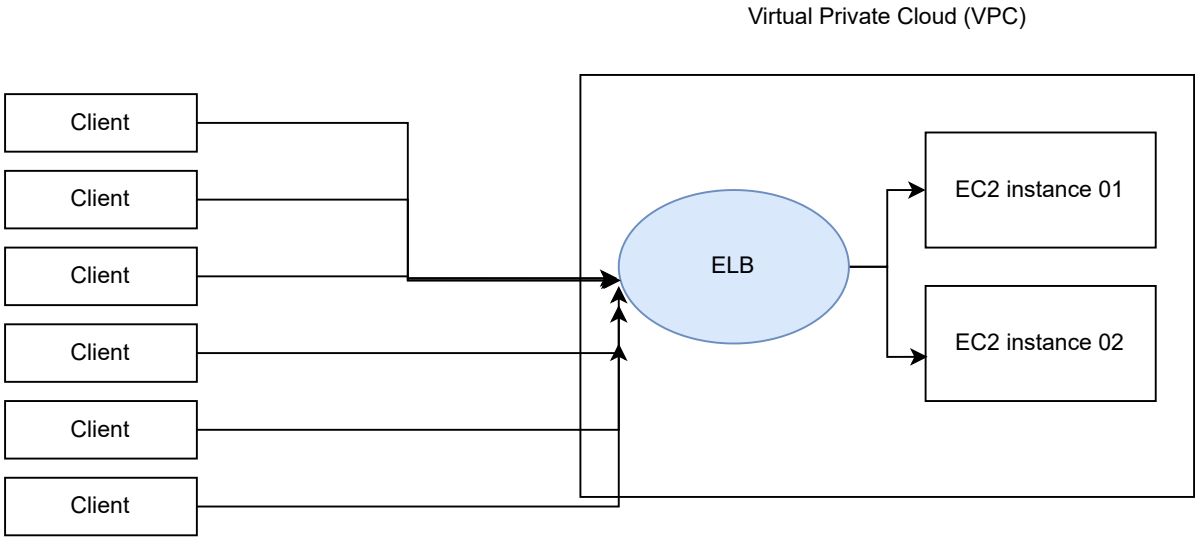
# GraphQL App - Understanding



# Passport OAuth - Understanding

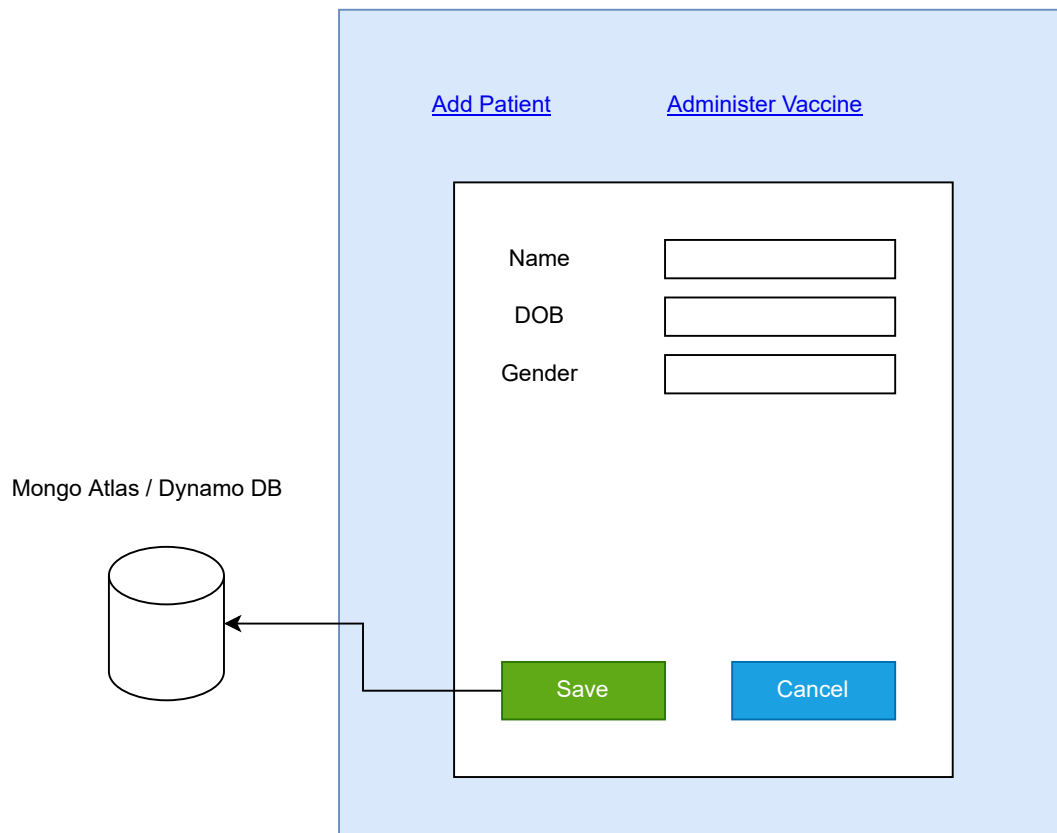


# AWS EC2 Load Balancing





# NodeJS EJS Assignment



Create CodePipeline with Elastic BeanStalk and deploy the code on AWS