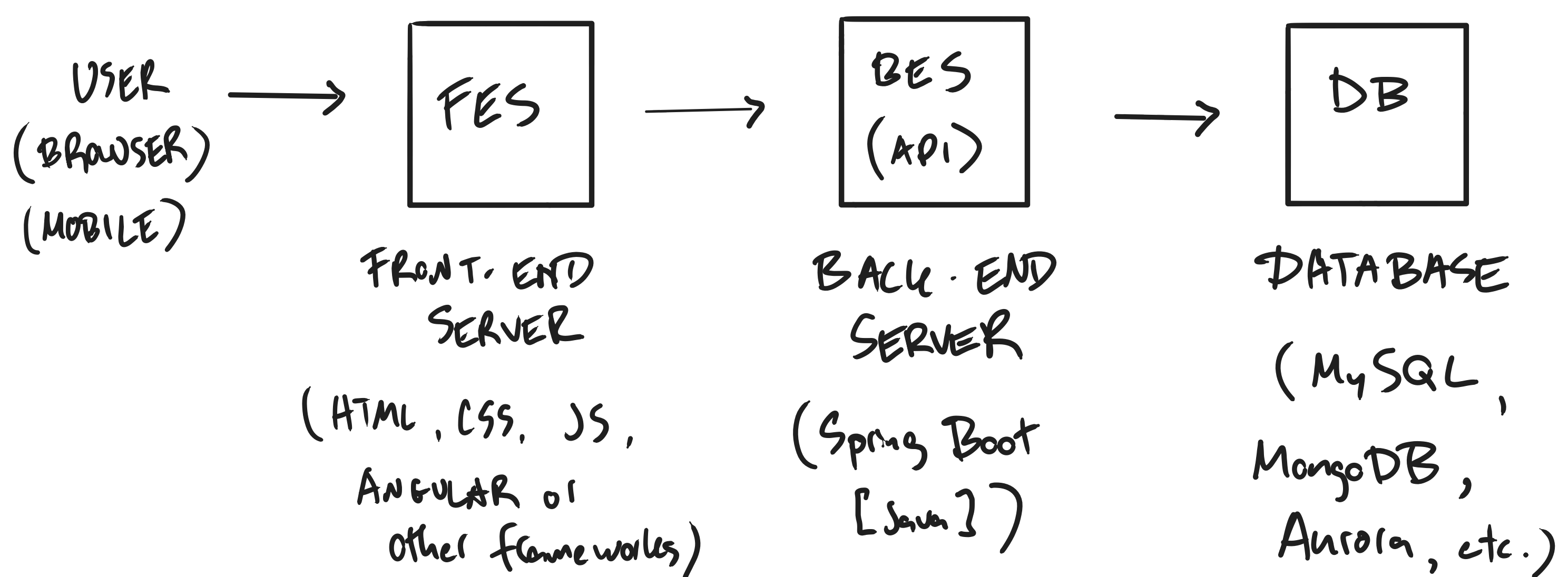


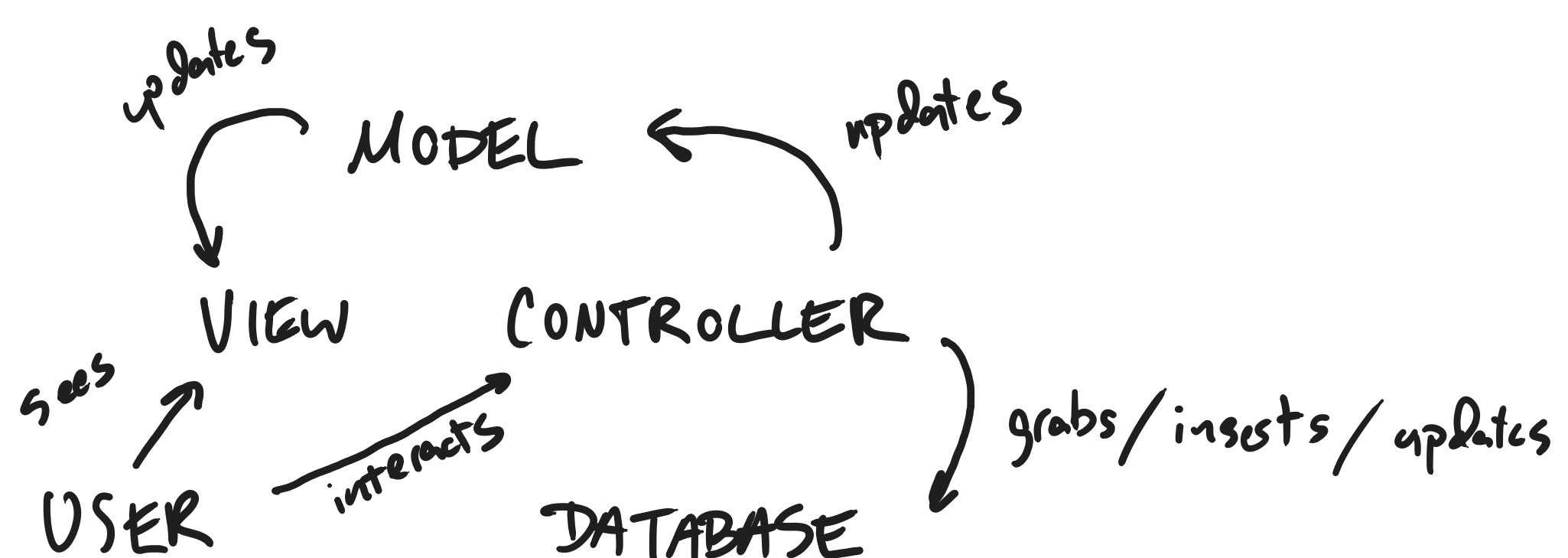
## FULL-STACK APPLICATION



## SPRING BOOT / FRAMEWORK

FRAMEWORK → abstracted set of tools for you to use

↳ a lot of commonly-used code has already been written for you



VIEW → WHAT THE USER SEES - updated by model

MODEL → structured representation of database objects in data  
- updated by controller

CONTROLLER → receives and processes requests  
- has access to database + model

MODEL · VIEW · CONTROLLER setup

## MVC

DEPENDENCY INJECTION - resources (software or classes)  
are loaded whenever we need them

IoC = INVERSION OF CONTROL - releases control to the  
dependency itself

BEAN = contained unit we can utilize in our code  
- contained in an IoC container

ENTITY - class (bean) that mirrors a record in a particular  
table of your database

↳ each record you pull in becomes an  
instance AND part of your MODEL