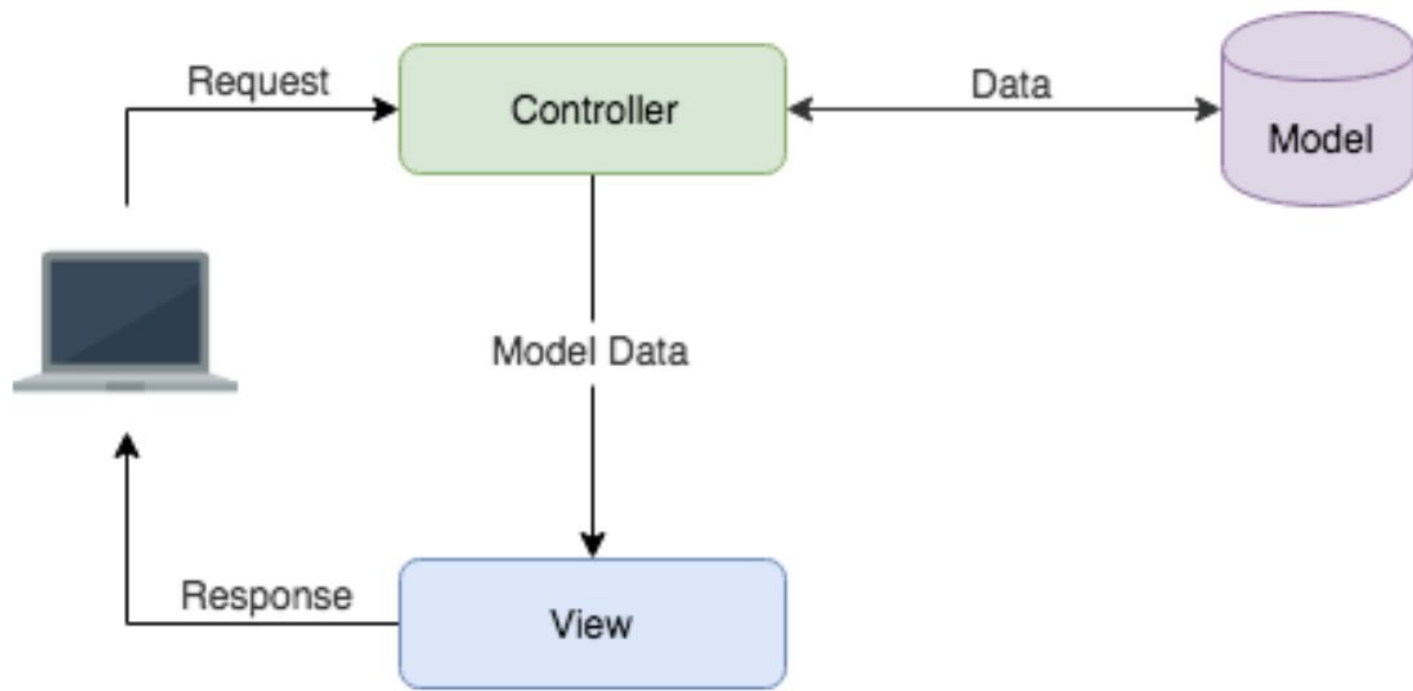


Microservices with Go

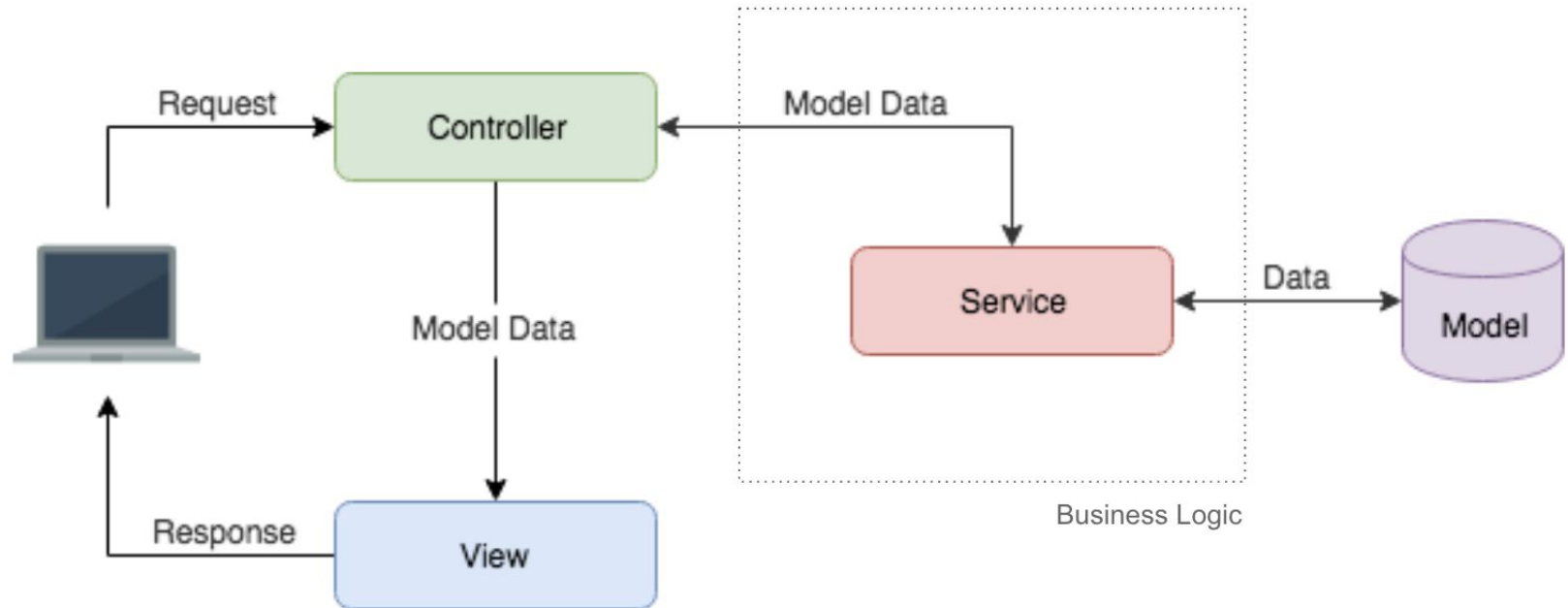


MVC Pattern

MVC Pattern



MVC Pattern



MVC Pattern

Controllers

- Entry point of any application.
- They're accessed via url mappings.
- The only validate that incoming request has all the needed params.
- They DO NOT HOLD any business logic.
- They trust on **services** to process each new request.
- They return the response to the client without adding any additional data.

MVC Pattern

Services

- They contains the entire business logic of our application.
- Each service is responsible of handling a particular and unique entity (users service, items service...)
- They are **stateless**.
- They are usually **singletons**.
- They invoke other services, models, external providers and any other needed data source.
- They handle errors, send metrics, send logs, tags and any other support metric needed by our application.

MVC Pattern

Model / Domain / DAOs

- They hold the core domains of our services. Any other layer exists to support and serve these domain objects.
- They are in charge of defining the structure of domain objects.
- This is the only layer where we know about persistence. Only they know where and how they should persist
- They are in charge of abstracting persistence logic by creating a clean and general interface.