# Application Architecture

Laravel Routes

Client Browser

~ receives and renders HTML pages

~ creates and sends HTTP requests

Laravel View

~ renders blade template to create HTML pages

HTTP request

HTTP Post

View

request

Control

Laravel Controllers

Laravel Middleware

~ authenticates user

~ enforces business logic

rendered pages

Model

Eloquent ORM Model

MySQL Server

MySQL Database
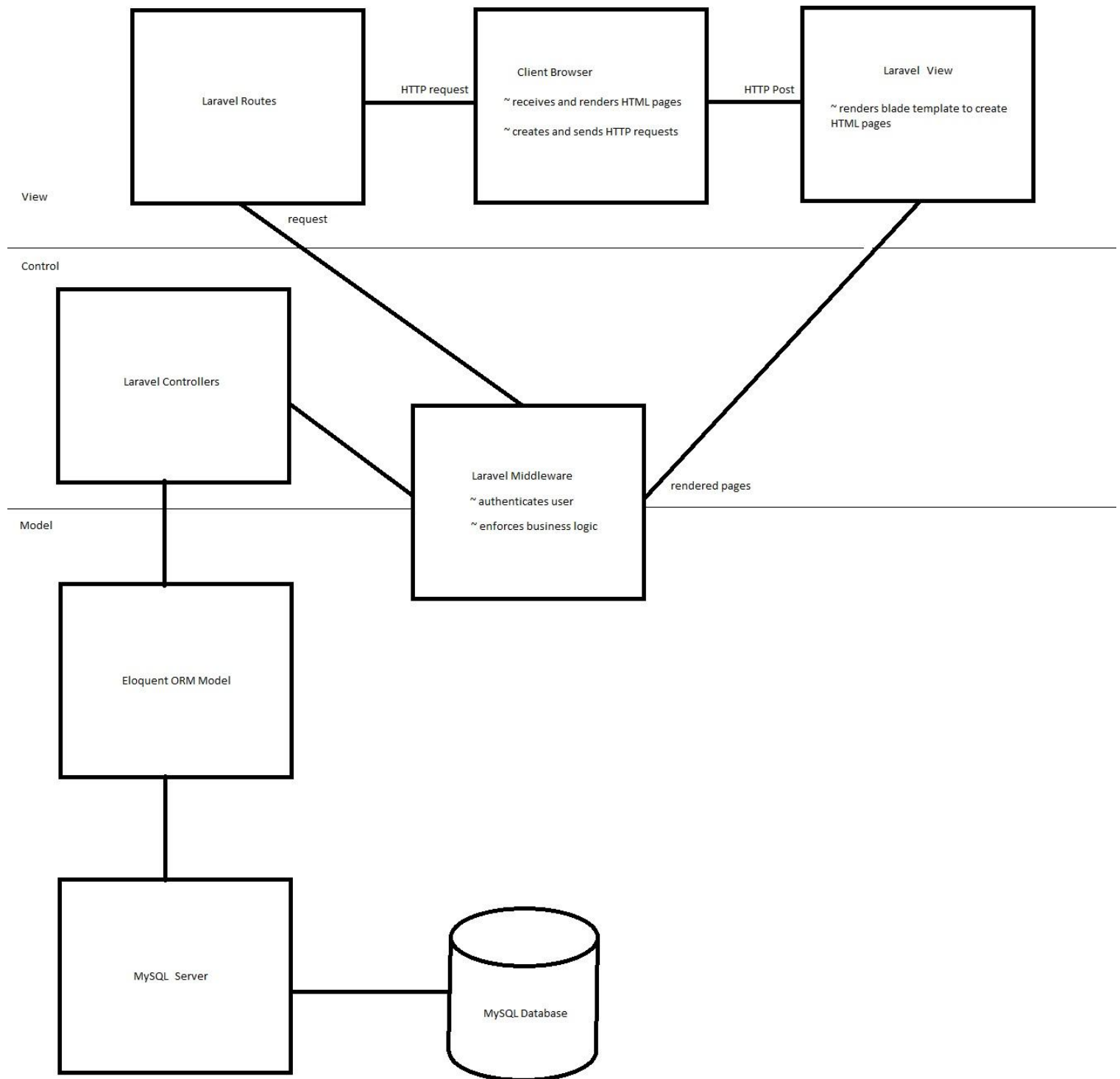
# Routing, Middleware and Controller classes

**Routes**

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**Authenticate**

+handle(request, next, guard)

**RedirectIfAuthenticated**

+handle( request, next, guard )

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**AddEventController**

+construct()
+create()
+update()
+destroy()

**CalendarController**

+create()

**HomeController**

+construct()
+index()

**client_formController**

+createClient()

**clientFormEditController**

+store()
+create()
+update()
+destroy()

**clientListController**

+index()

**DoctorHomeController**

+create()
+store()
+contsruct()

**HomeController**

+index()
+construct()

**loginController**

+create()
+post( request )
+logout()

**NotesController**

+_construct()
+index()
+create()
+store( request )
+show()
+edit()
+update( request, id )
+destroy(id)

**OrdersController**

+_construct()
+index()
+create()
+store( request )
+show( id )
+edit( id )
+update(request, id)
+destroy( id )

**RegistrationController**

+create()
+store( request )

**ScheduleAppointmentController**

+_construct()
+index()
+create()
+store( request )
+show( id )
+edit( id )
+update( request, id )
+destroy( id )

**SettingsController**

+_construct()
+index()
+create()
+store( request )
+show( id )
+edit( id )
+update( request, id )
+destroy( id )

**ViewAppointmentsController**

+_construct()
+index()
+create()
+store( request )
+show( id )
+edit( id )
+update( request, id )
+destroy( id )

# Web Pages Navigation Structure

Register

login

forgot password

Authentication

view appointment

Calendar

Client Home

Doctor Home

Add Event

schedule appointment

logout

clientlist

edit info

order medication

notes