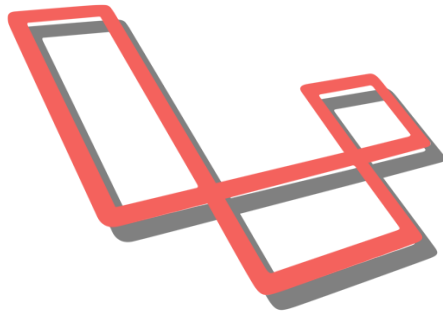




- **Software Engineering/Development**
- **Training on Computer Programming**
 - **ICT Consultancy**

AM 8, Abuja Road, By Lagos Street Round About,
Kaduna, Nigeria



KADUNA

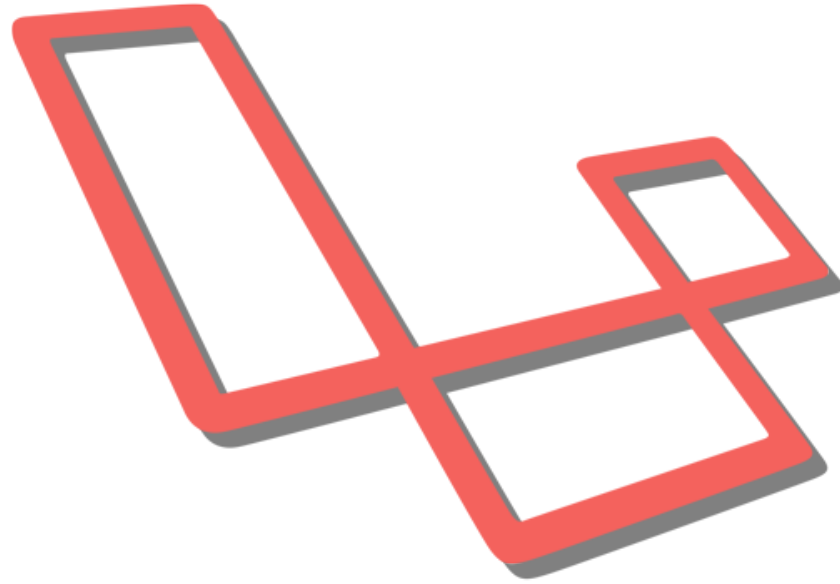
Meetup

5th May 2018



<https://github.com/hakeemtunde>

AbdulHakeem AbdulAleem

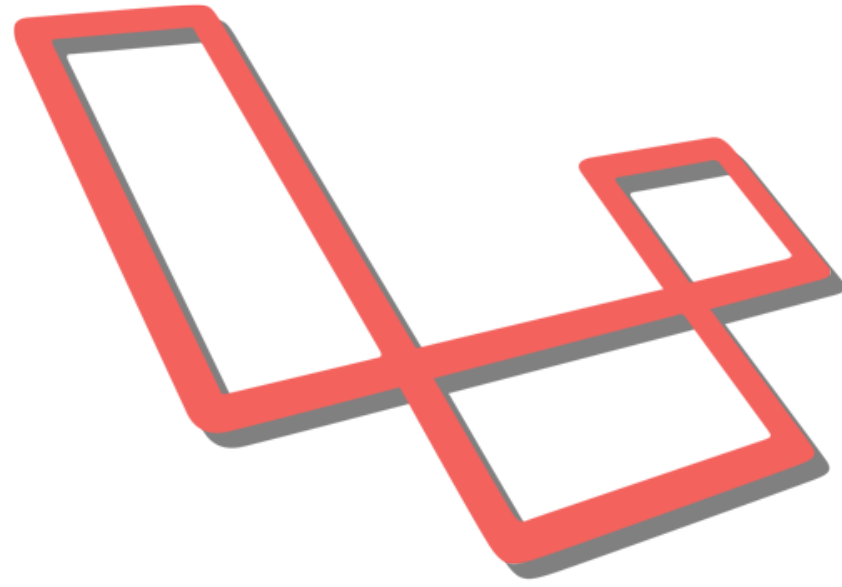


Laravel

Framework

PHP FRAMEWORK

free open source web framework

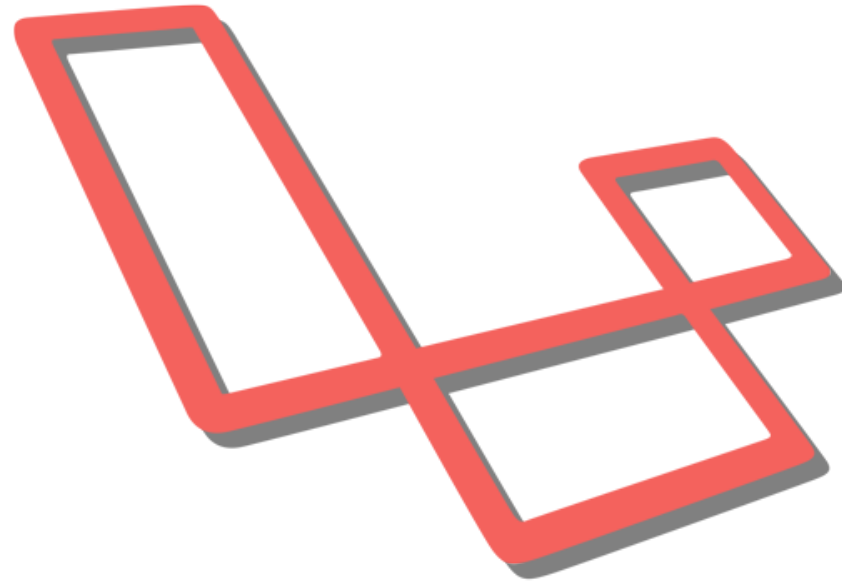


Architecture

- **Object Oriented Programming (OOP)**
methodology

Object oriented programming is a paradigm and a way of thinking that helps programmers effectively model real-life scenarios

- Intended to be a **Model View Controller** (MVC) framework
- MVC is a software design pattern which ensures clarity on **Seperation of Concern** (SOLID principle)



Features

Feature: 1

It is relatively
easy to get
started with

Feature: 2

Easy-to-use interface
that handles users
authentication
& authorization

Feature: 3

Provide easy-to-
use data
validation API

Feature: 4

Built-in support for
**Dependancy
Injection/Inversion
of Control (DI/IoC)**
container

Feature: 5

Blade **template**
engine with
fluent API

Feature: 6

Built-in toolkit for
**Database
Schema**
management

Feature: 7

Eloquent: excellent
**Database Object
Relational
Mapping (ORM)**

Feature: 8

Artisan command
line (CLI) tool: easy
code generation
package

Feature: 9

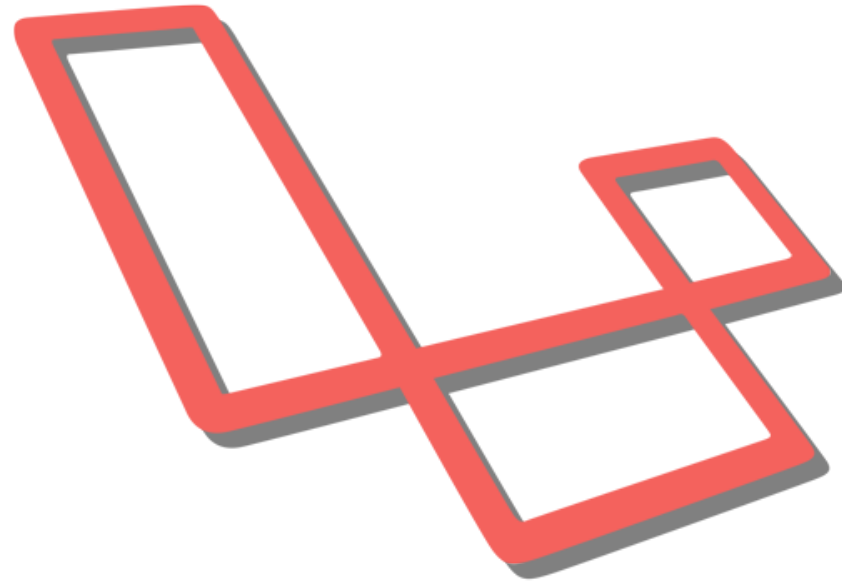
Uses **composer** as
a package & library
dependency
manager

Feature: **10**

Good
documentation
& community

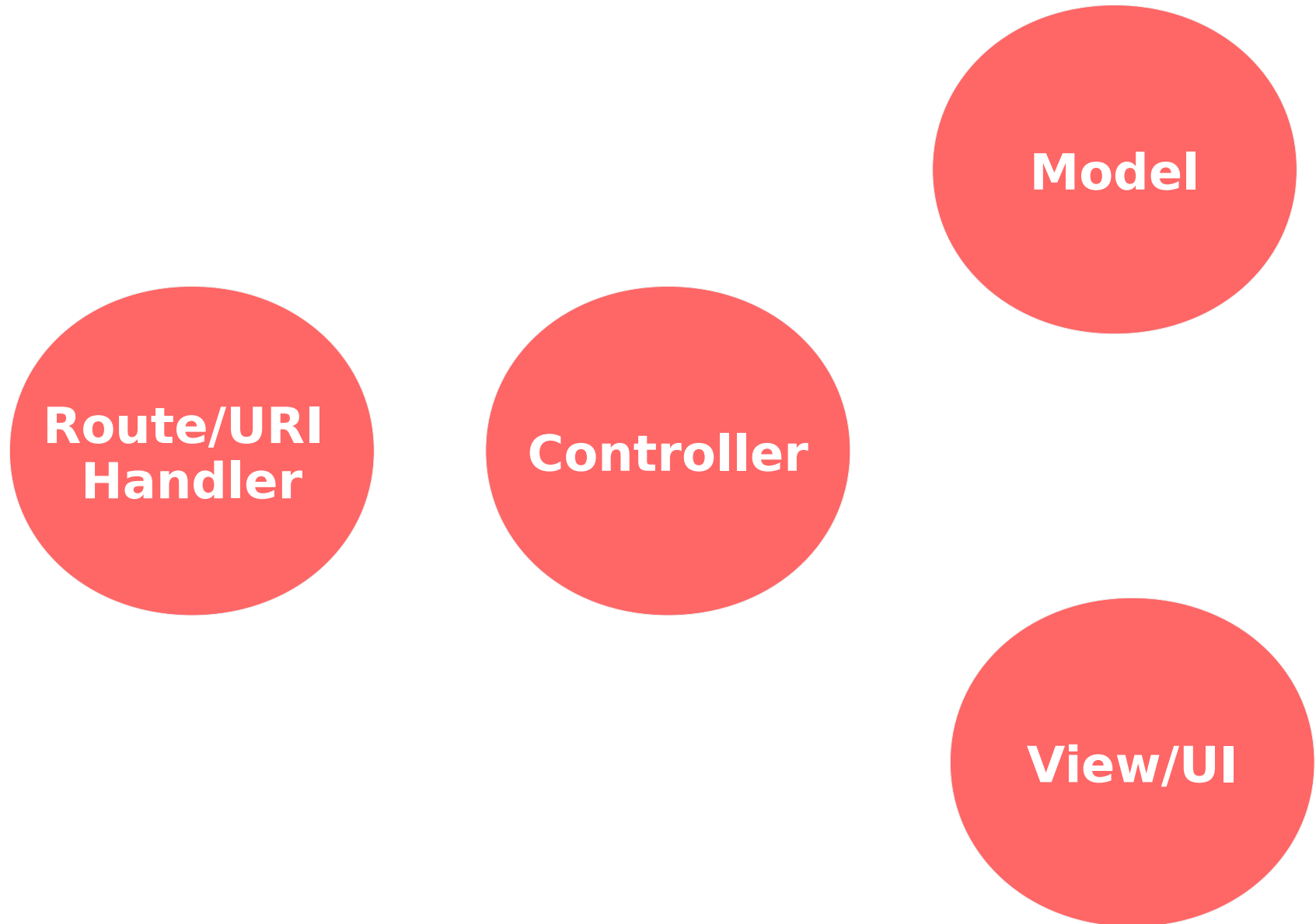
Feature: **Summary**

It aids in **rapid**
web application
development

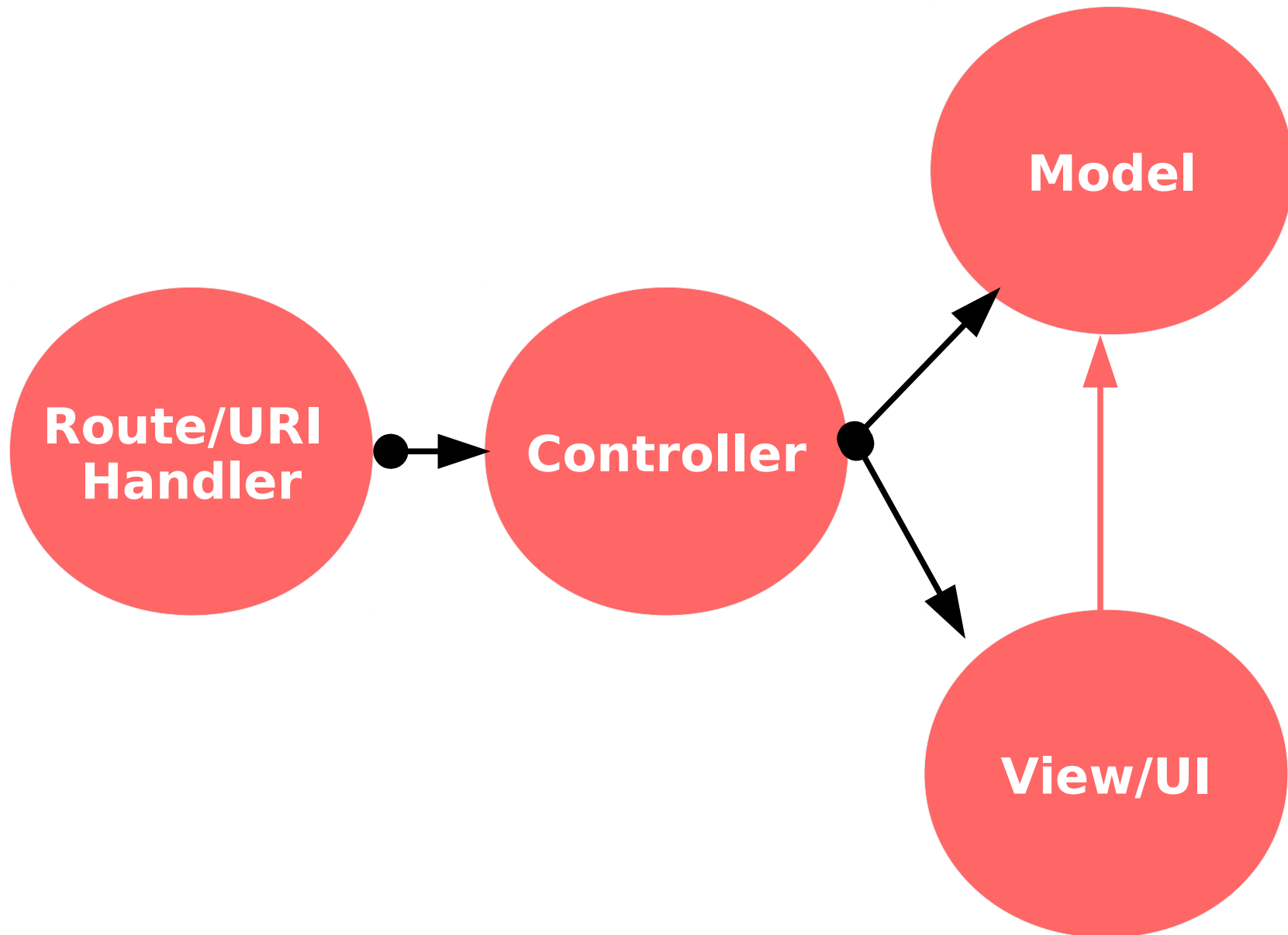


Components/ Structure

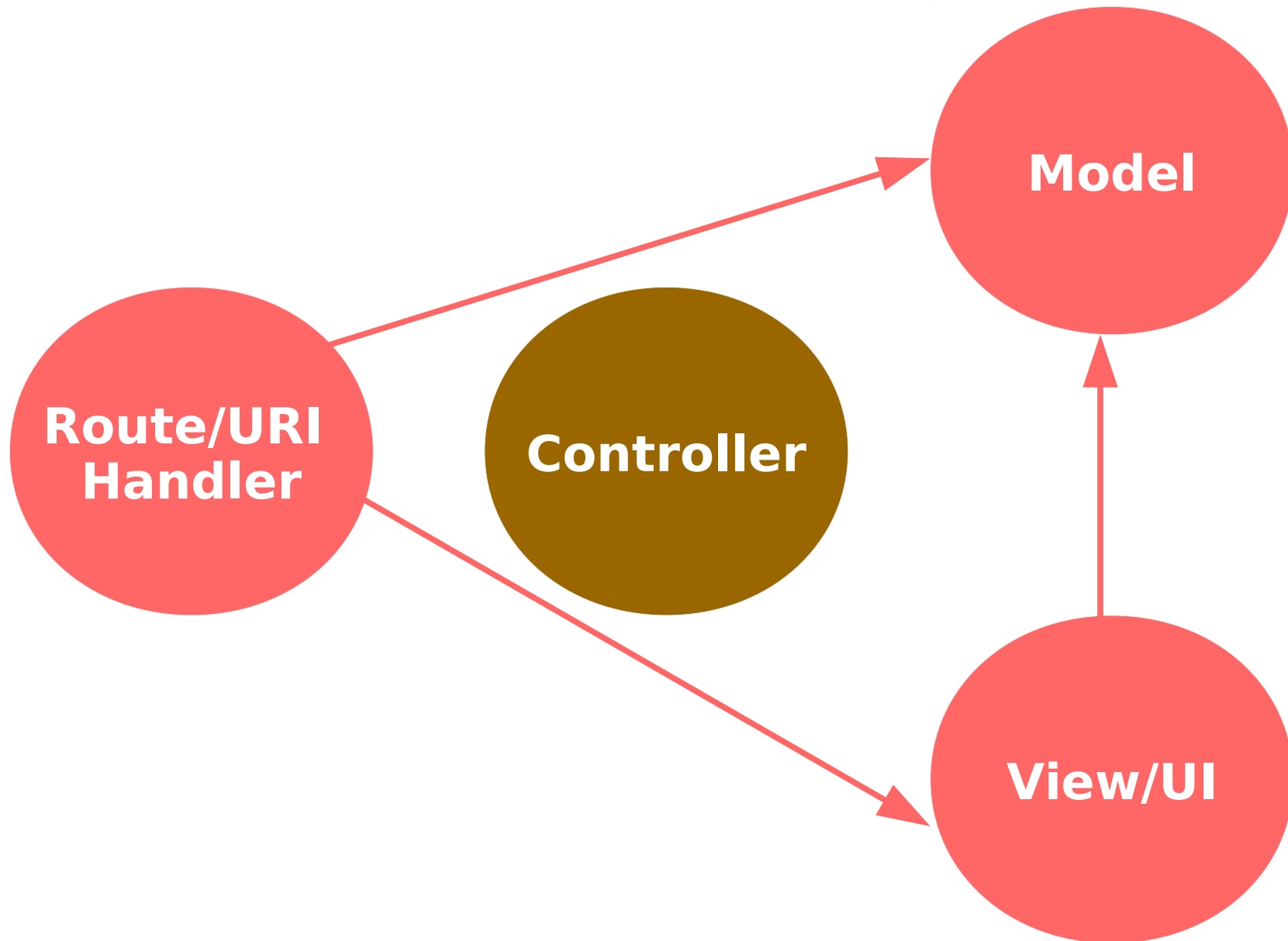
Components



Component: **Design Pattern 1**



Component: **Design Pattern 2**



**Request/Response
Controller
component**

**DB Migrations
component**

**URI Routes
component**

```

└─ app
  ├── Console
  ├── Exceptions
  └─ Http
    ├── Controllers
    ├── Middleware
    └─ Kernel.php
  └─ Providers
    └─ User.php
  ├── bootstrap
  ├── config
  ├── database
  ├── packages
  ├── public
  ├── resources
  └─ routes
    ├── api.php
    ├── console.php
    └─ web.php
  ├── storage
  ├── tests
  └─ vendor
    ├── .env
    ├── .gitattributes
    ├── .gitignore
    ├── artisan
    └── composer.json

```

**Models
component**

**Views/UI
component**

Demo

laContact

web application