

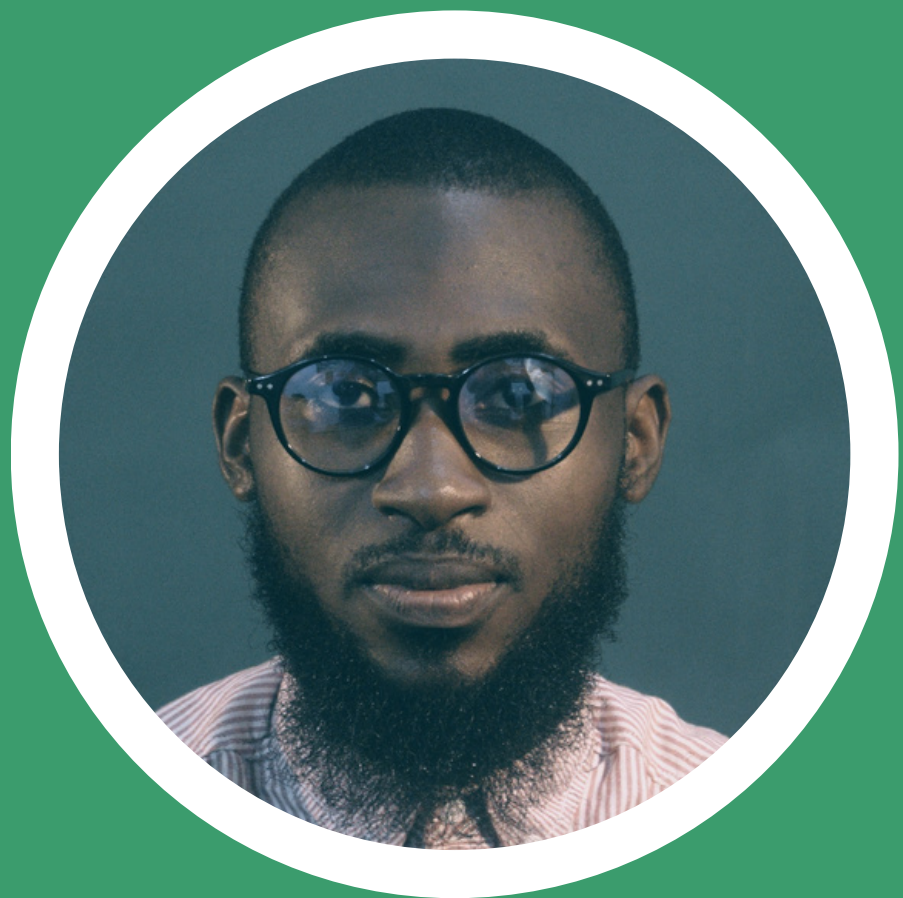


# Domain Driven Design

In

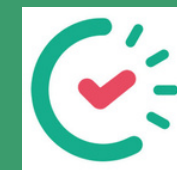


# Vuejs Apps



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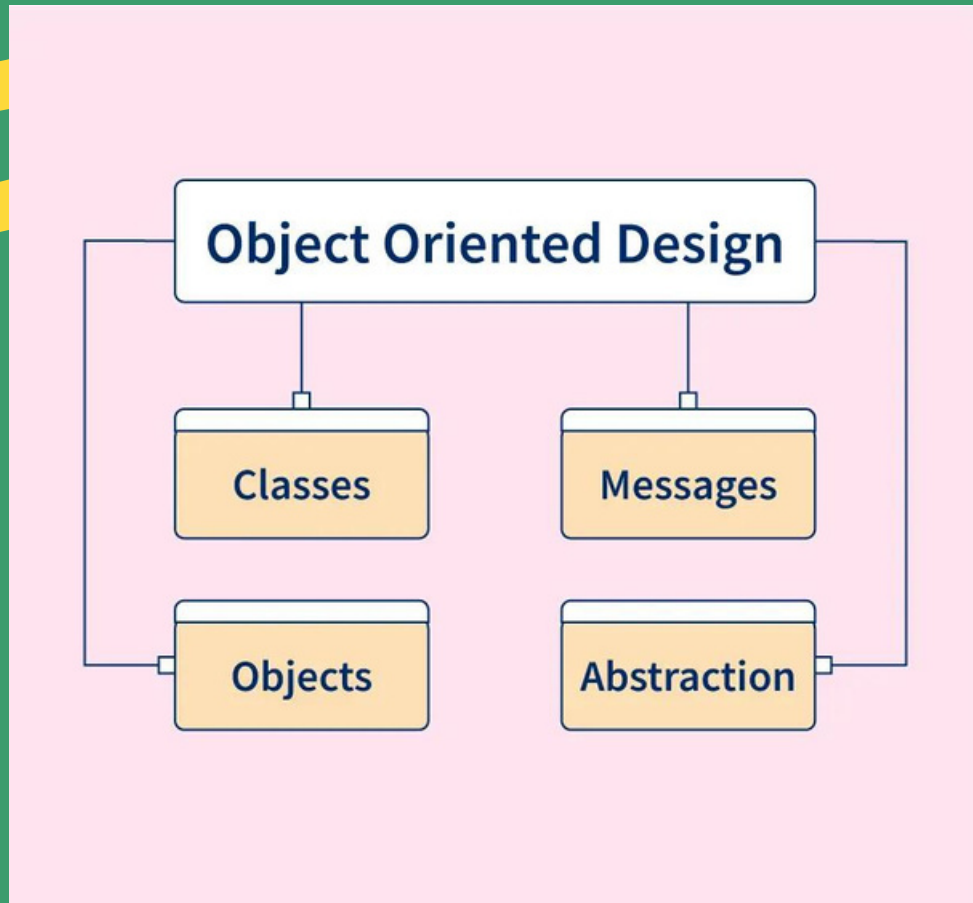
<https://github.com/geekmaros>



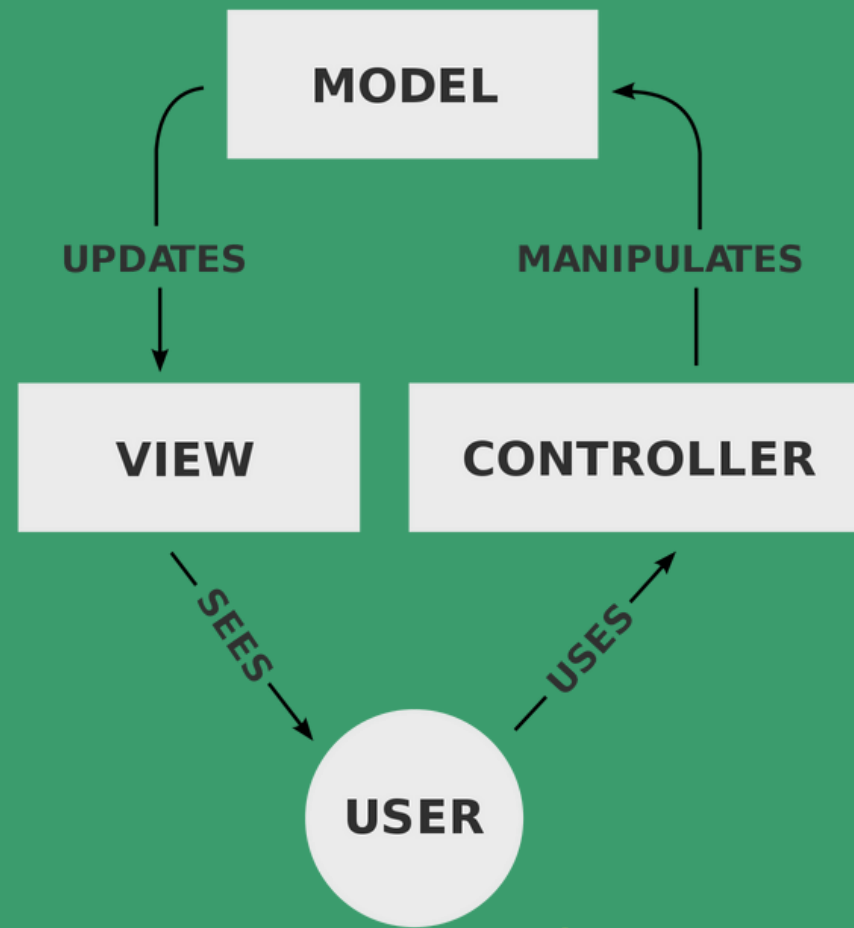
# What we'll be learning today

- What is Domain Driven Design?
  - Benefits and how it works with Vue?
  - DDD vs MVVM model
  - DDD + Vue: A simple codebase and structure Demo
- 

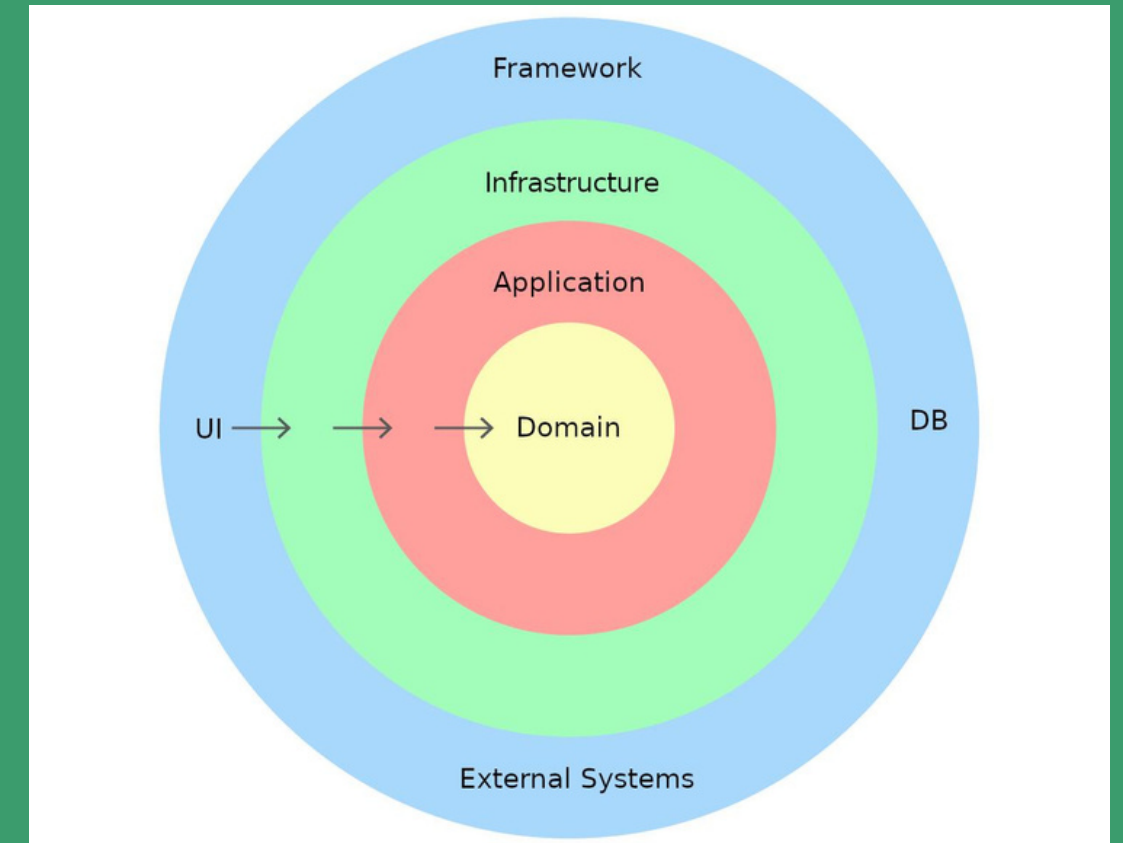
# Design Patterns



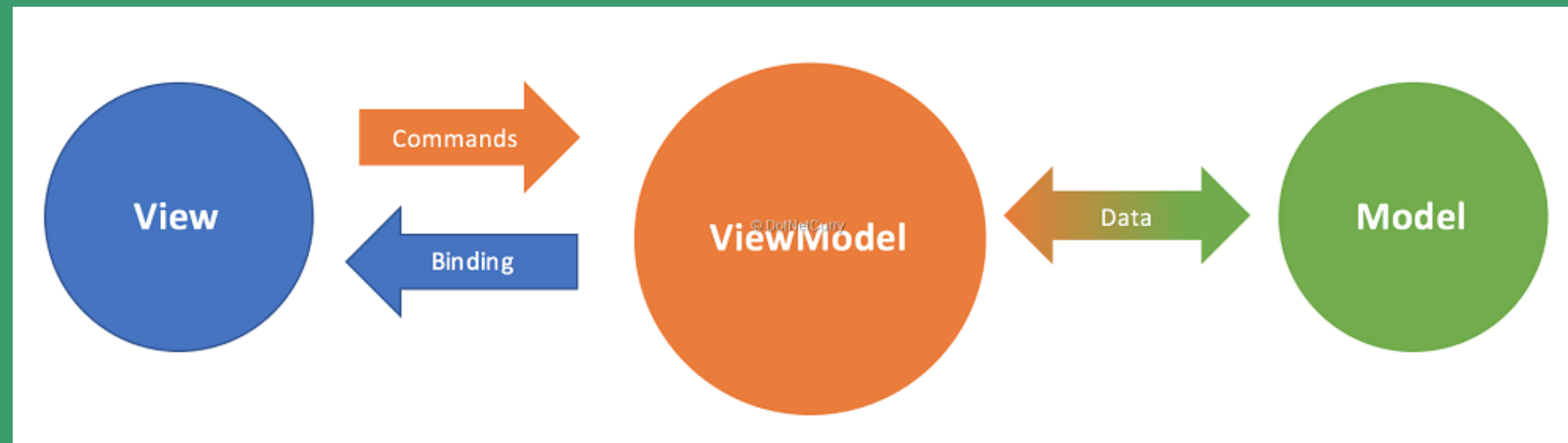
OOD



MVC



DDD



MVVM



# Domain Driven Design (DDD)

An approach to software development that emphasizes understanding business logic and modelling the problem domain.

Goal is to create a domain model that accurately reflects the language, concepts, and relationships within the domain.

Helps teams to better understand complex business entities, leading to improved software design and more maintainable code.






# Domain-Driven Design Structure vs Default MVVM

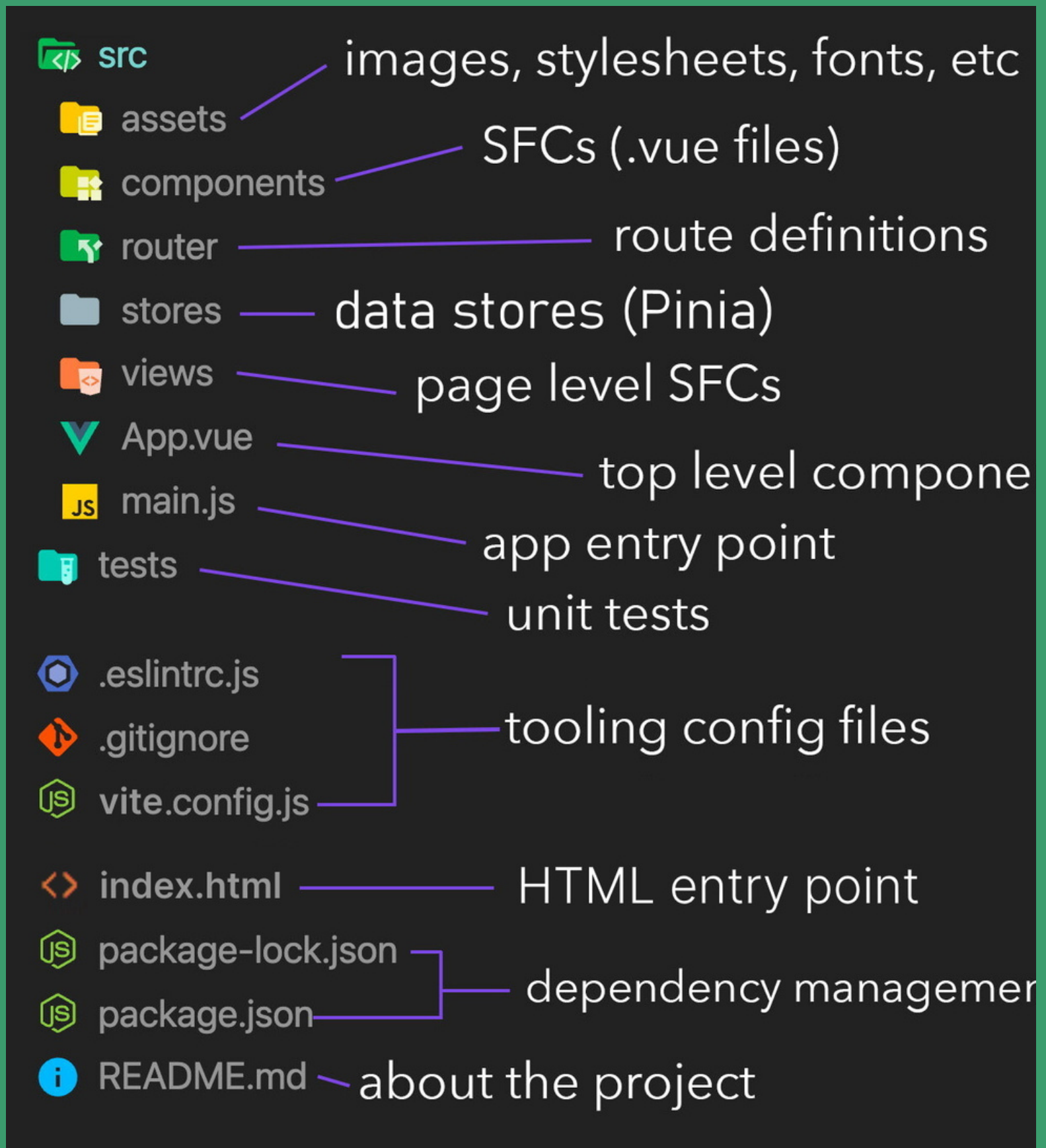
Default MVVM structure splits folder structure by its relationship to functional aspects of a codebase (router, store, pages, components, assets, helpers).

DDD structure follows domains rather than a loose model-view-view model pattern.

Domain folders may include user, location, products, payments, orders, features, cart etc.



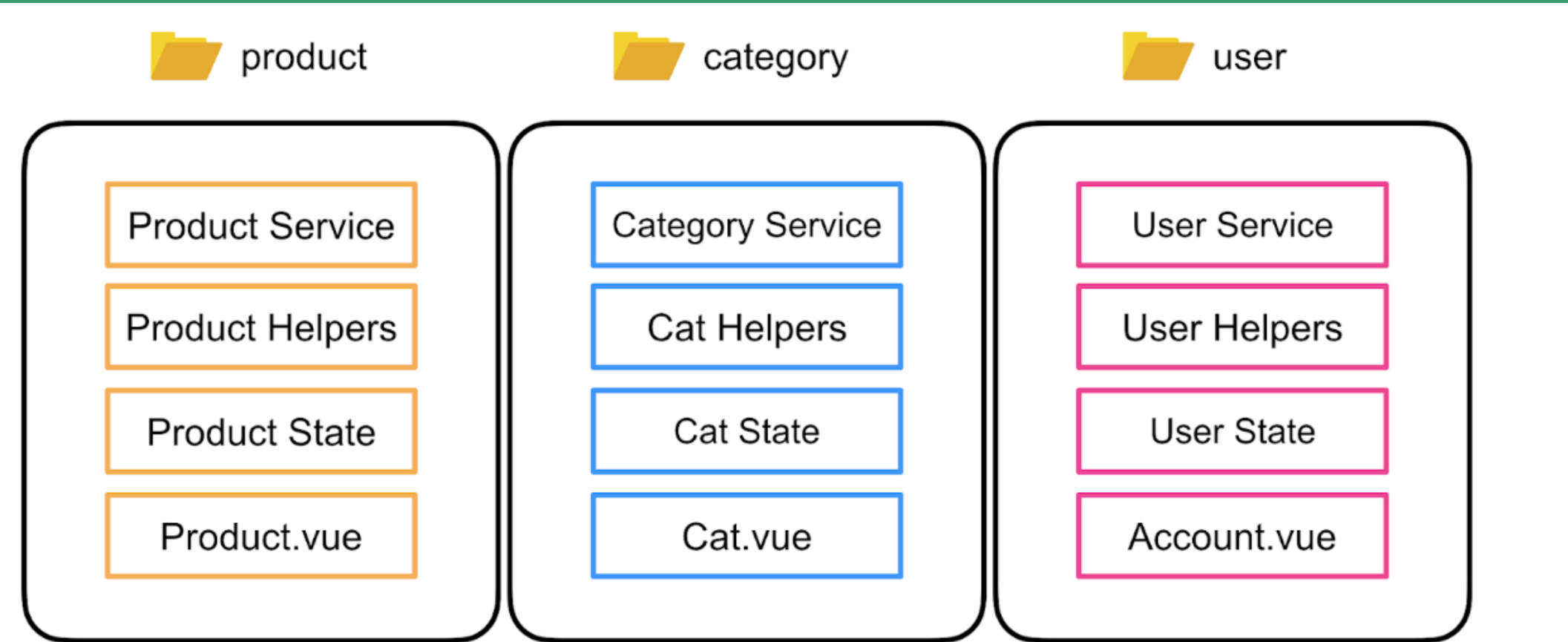
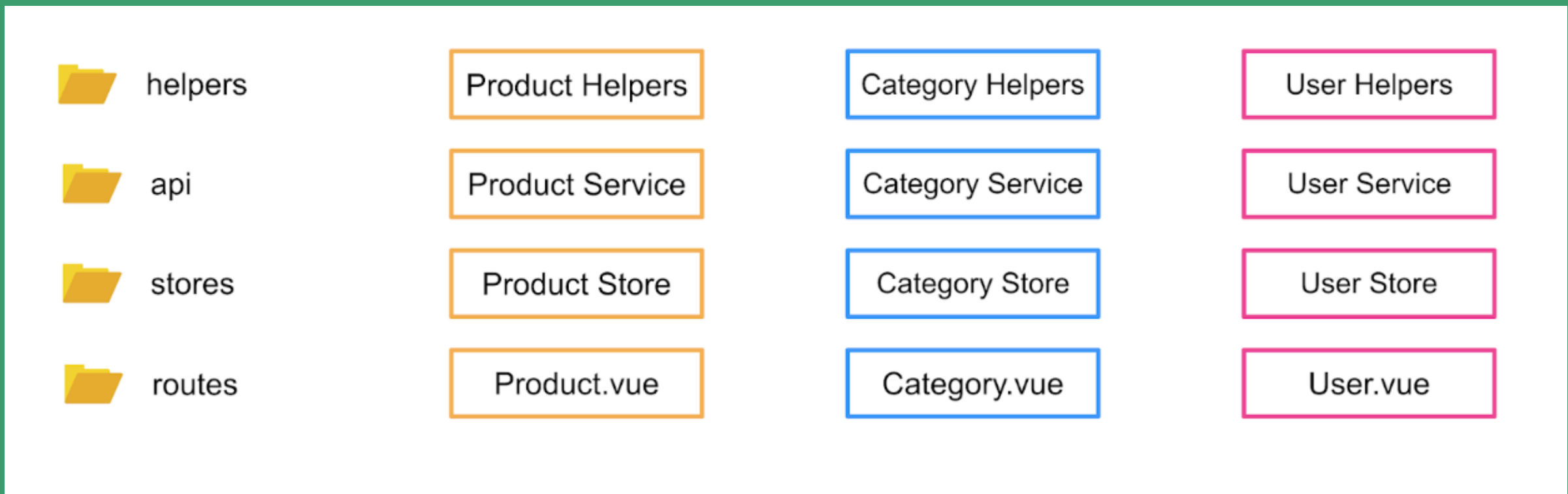
# Domain-Driven Design vs Default MVVM





# Domain-Driven Design vs Default MVVM

Default Vuejs MVVM =>




<= DDD






## Benefits of DDD with VueJS

- More effective modelling of complex business domains.
  - A more structured and organized codebase that reflects domain logic.
  - More maintainable, scalable, and flexible software.
  - More effective user interfaces.
  - Easy onboarding and Ownership of product domain by Engineers
- 



## Use Cases for DDD with VueJS

- E-commerce platforms with complex product and inventory management.
  - Financial applications with complex data models and regulatory requirements.
  - Healthcare applications with complex patient data and privacy concerns.
  - Various other complex business domains.
- 

# A quick look into a simple DDD + Vue codebase

Repo 1 => <https://github.com/geekmaros/VJL>

Repo 2 => <https://github.com/fudra/vue-ddd>

credits to: Phillip Wahle



<https://github.com/fudra>



@wahlemedia

The image features a solid teal background. In the top-left and top-right corners, there are decorative yellow lines that resemble stylized, abstract shapes or parts of a larger graphic. The text is centered on the page.

**Thank**

**YOU**

**Listening**