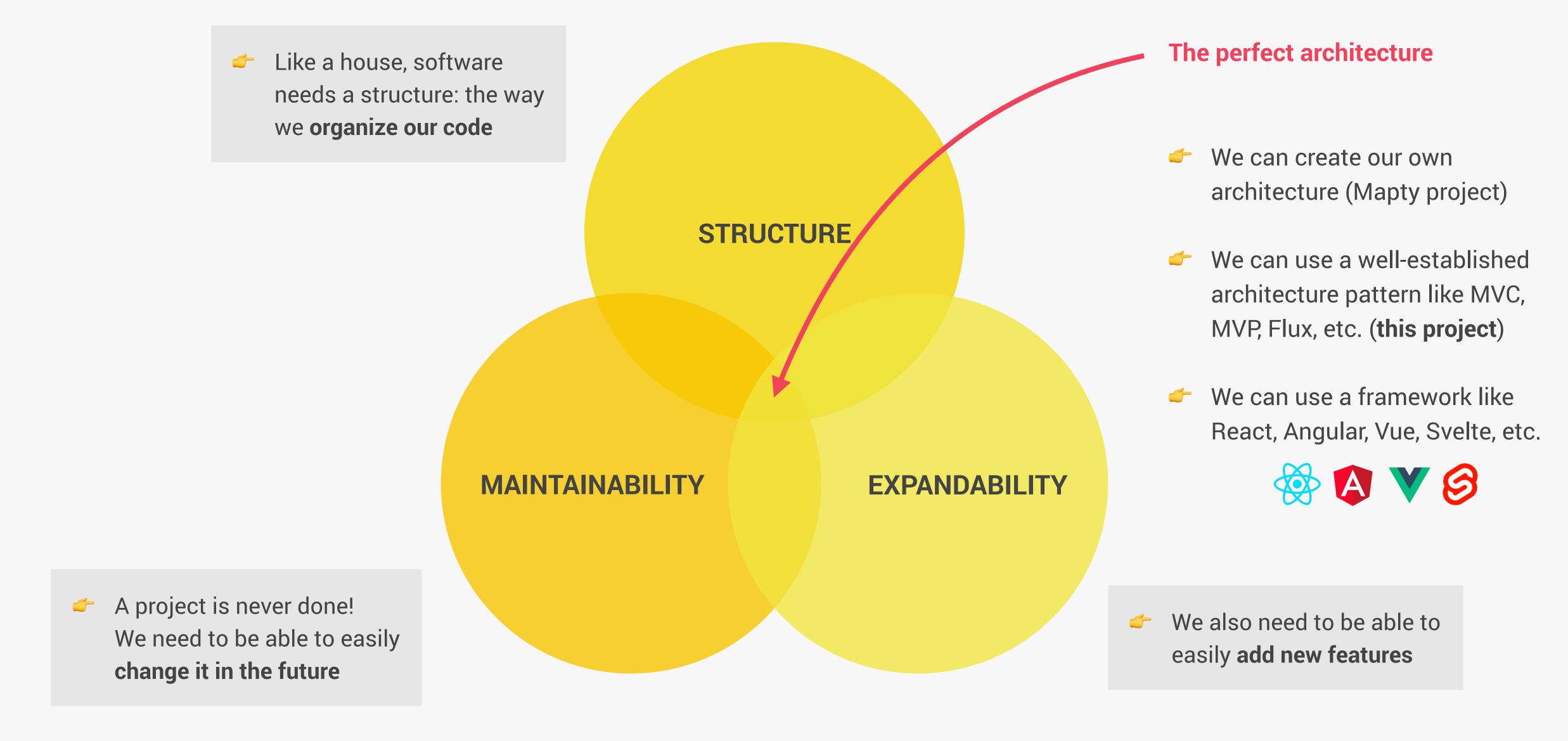
WHY WORRY ABOUT ARCHITECTURE?



COMPONENTS OF ANY ARCHITECTURE

BUSINESS LOGIC

- Code that solves the actual business problem;
- Directly related to what business does and what it needs;
- Example: sending messages, storing transactions, calculating taxes, ...

STATE

- Essentially storesall the data aboutthe application
- Should be the "single source of truth"
- UI should be kept in sync with the state
- State libraries exist





HTTP LIBRARY

- Responsible for making and receiving AJAX requests
- Optional but almost always necessary in real-world apps

APPLICATION LOGIC (ROUTER)

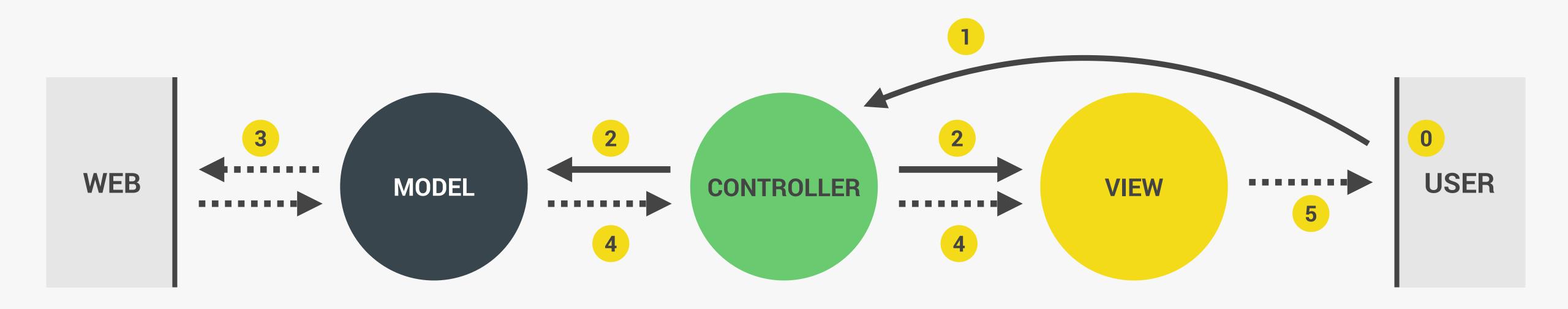
- Code that is only concerned about the implementation of application itself;
- Handles navigation and UI events

PRESENTATION LOGIC (UI LAYER)

- Code that is concerned about the visible part of the application
- Essentially displays application state

Keeping in sync

THE MODEL-VIEW-CONTROLLER (MVC) ARCHITECTURE



BUSINESS LOGIC

STATE

HTTP LIBRARY

APPLICATION LOGIC

- Bridge between model and views (which don't know about one another)
- Handles UI events and dispatches tasks to model and view

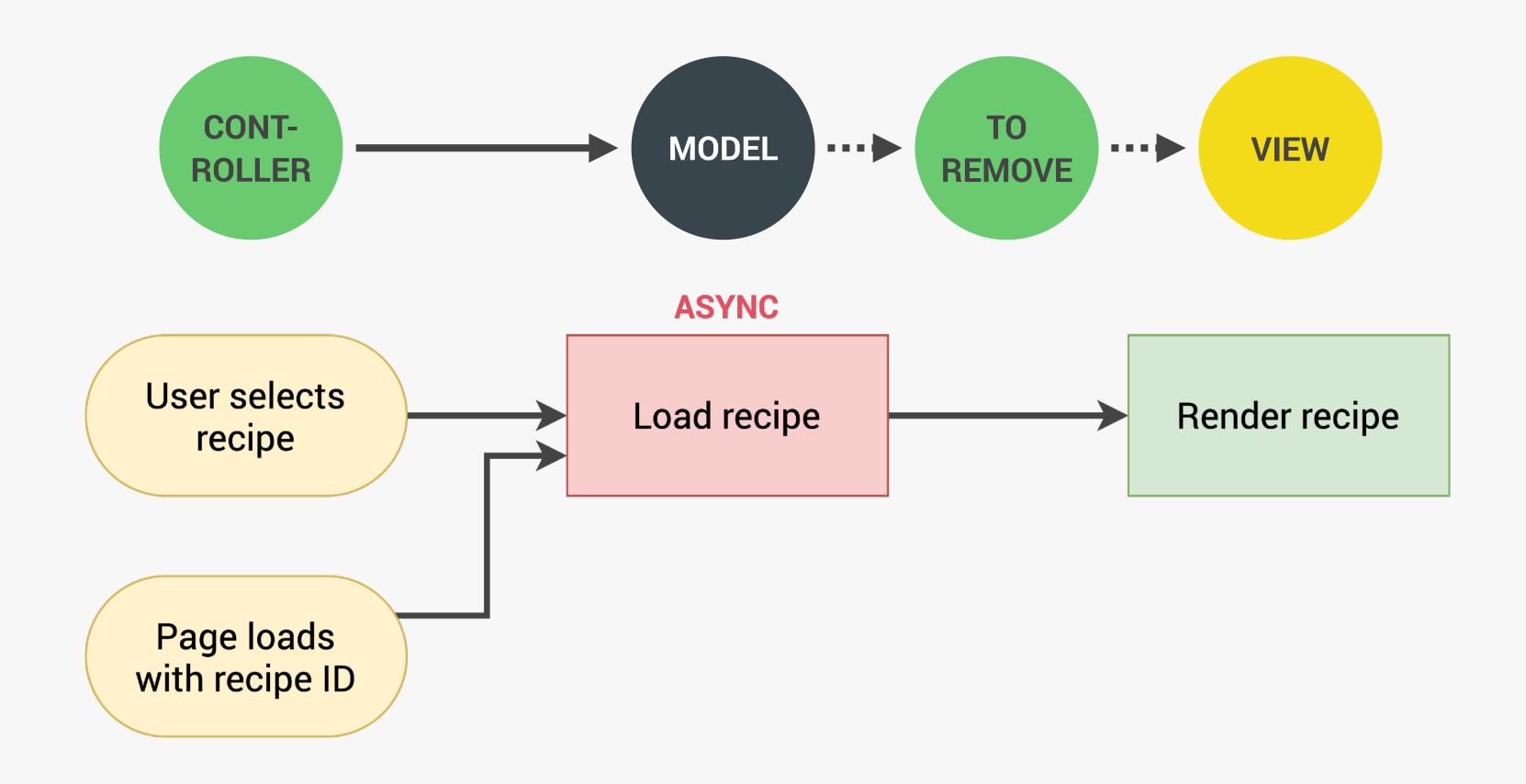
PRESENTATION LOGIC

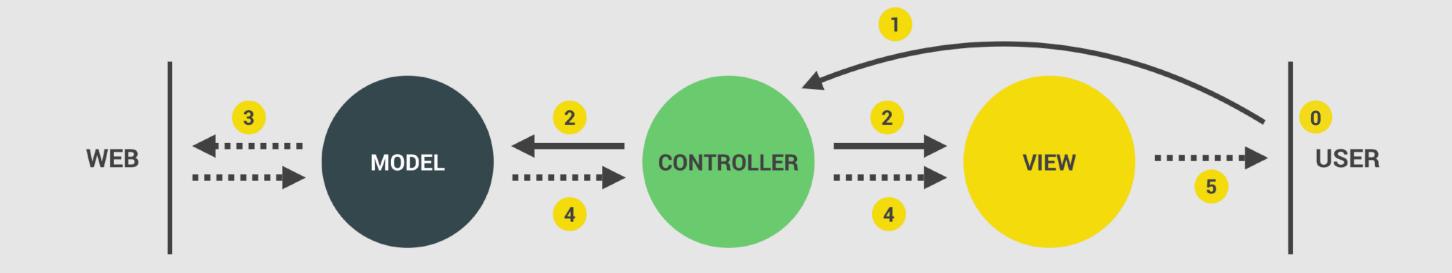
Connected by function call and import

Data flow

MODEL, VIEW AND CONTROLLER IN FORKIFY (RECIPE DISPLAY ONLY)







MVC IMPLEMENTATION (RECIPE DISPLAY ONLY)



