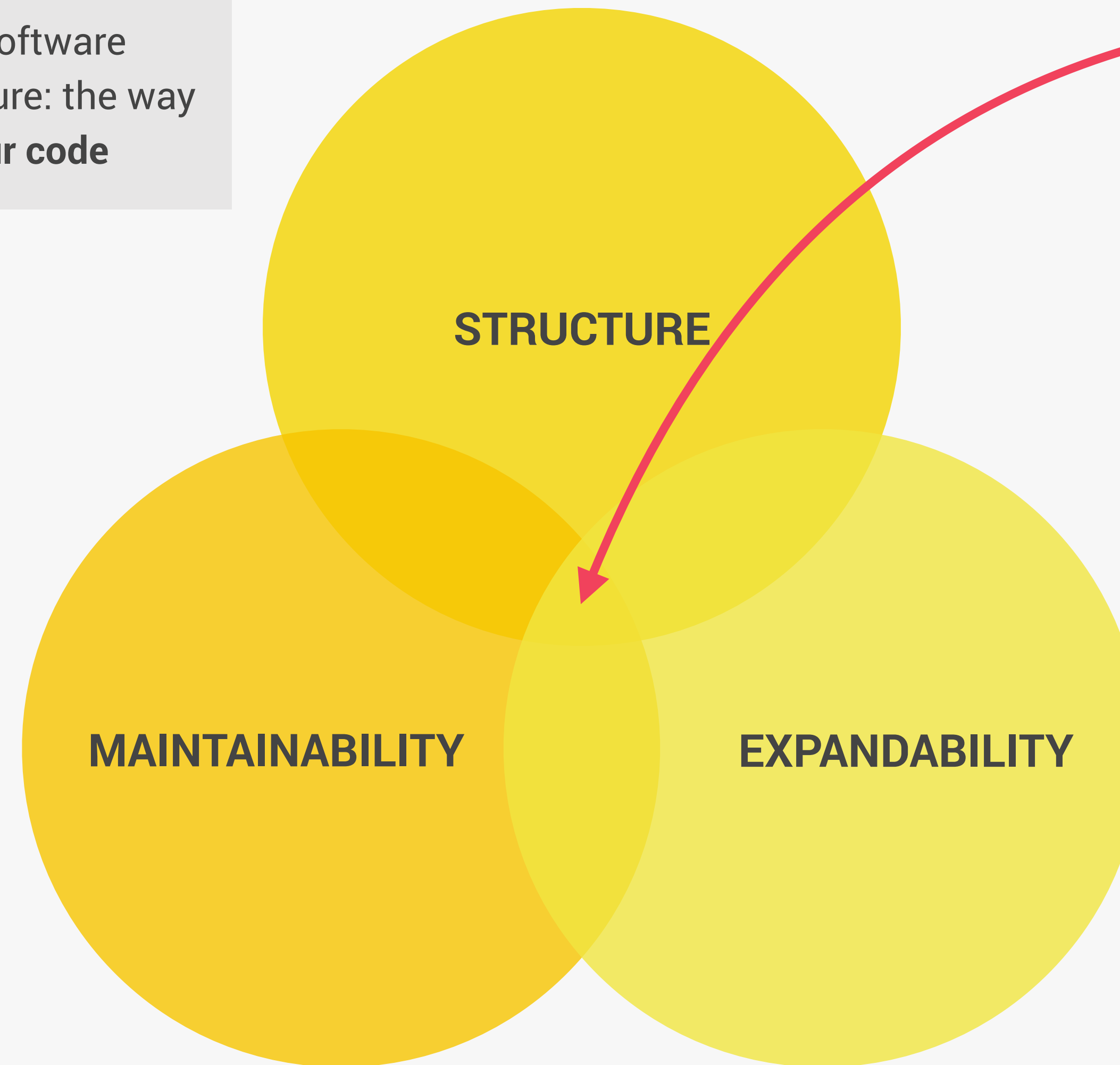


WHY WORRY ABOUT ARCHITECTURE?

👉 Like a house, software needs a structure: the way we **organize our code**



The perfect architecture

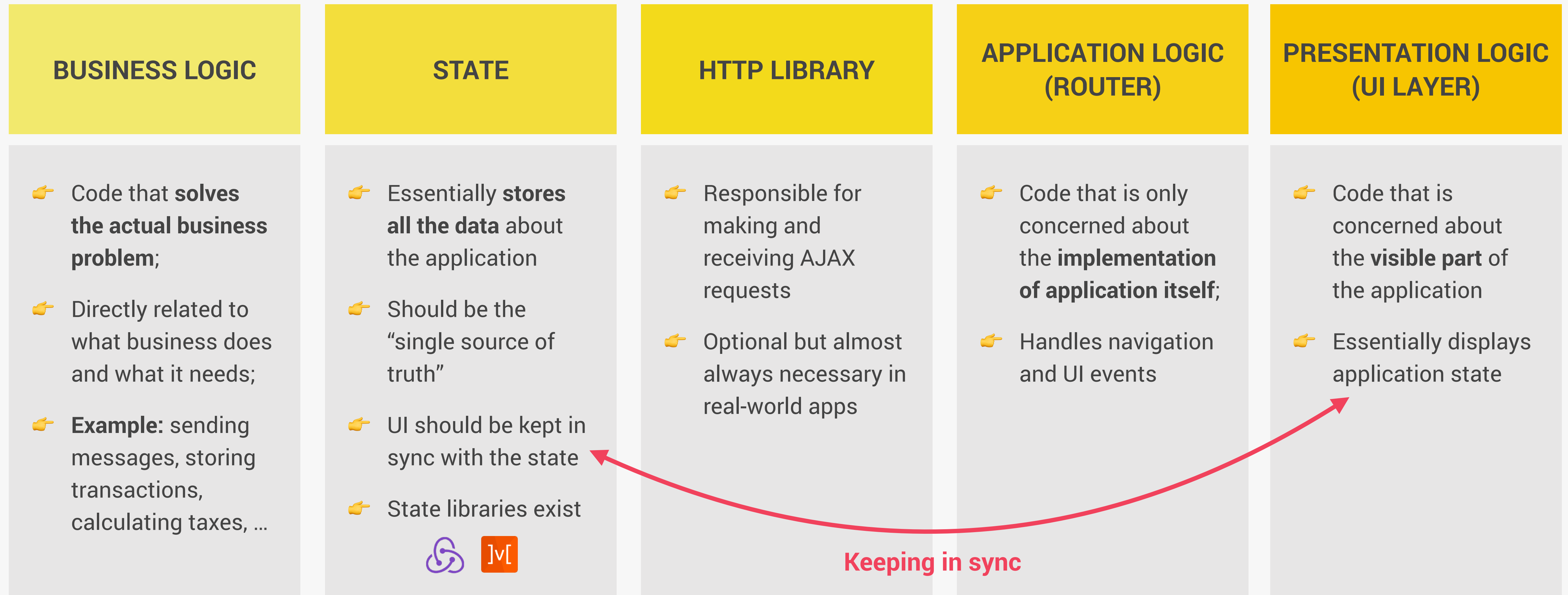
- 👉 We can create our own architecture (Mapty project)
- 👉 We can use a well-established architecture pattern like MVC, MVP, Flux, etc. (**this project**)
- 👉 We can use a framework like React, Angular, Vue, Svelte, etc.



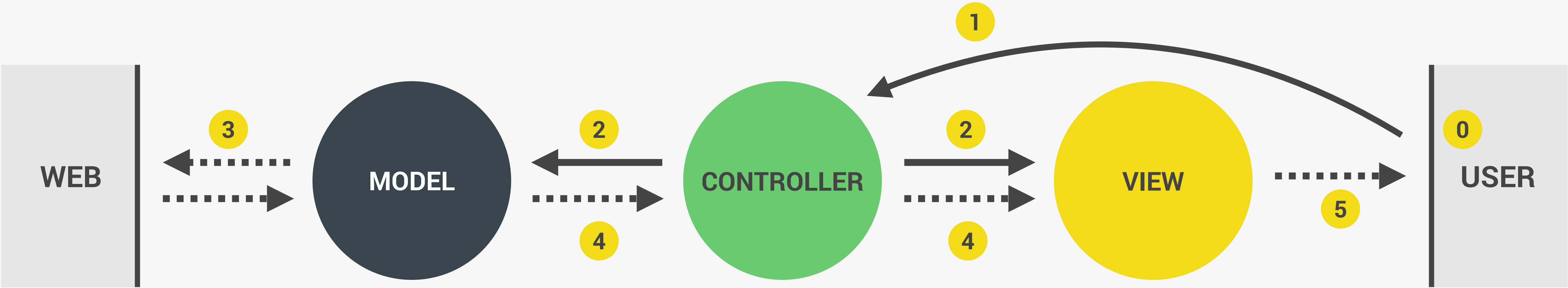
👉 A project is never done!
We need to be able to easily **change it in the future**

👉 We also need to be able to easily **add new features**

COMPONENTS OF ANY ARCHITECTURE



THE MODEL-VIEW-CONTROLLER (MVC) ARCHITECTURE



BUSINESS LOGIC

STATE

HTTP LIBRARY

APPLICATION LOGIC

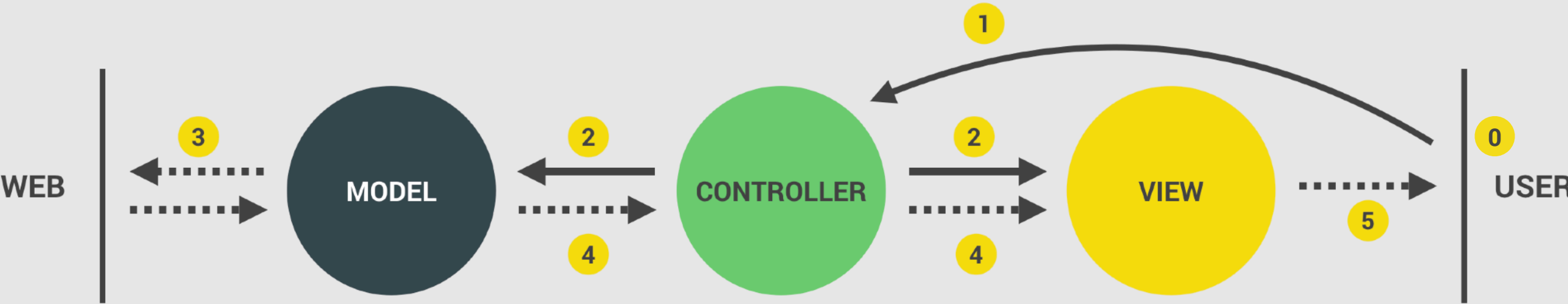
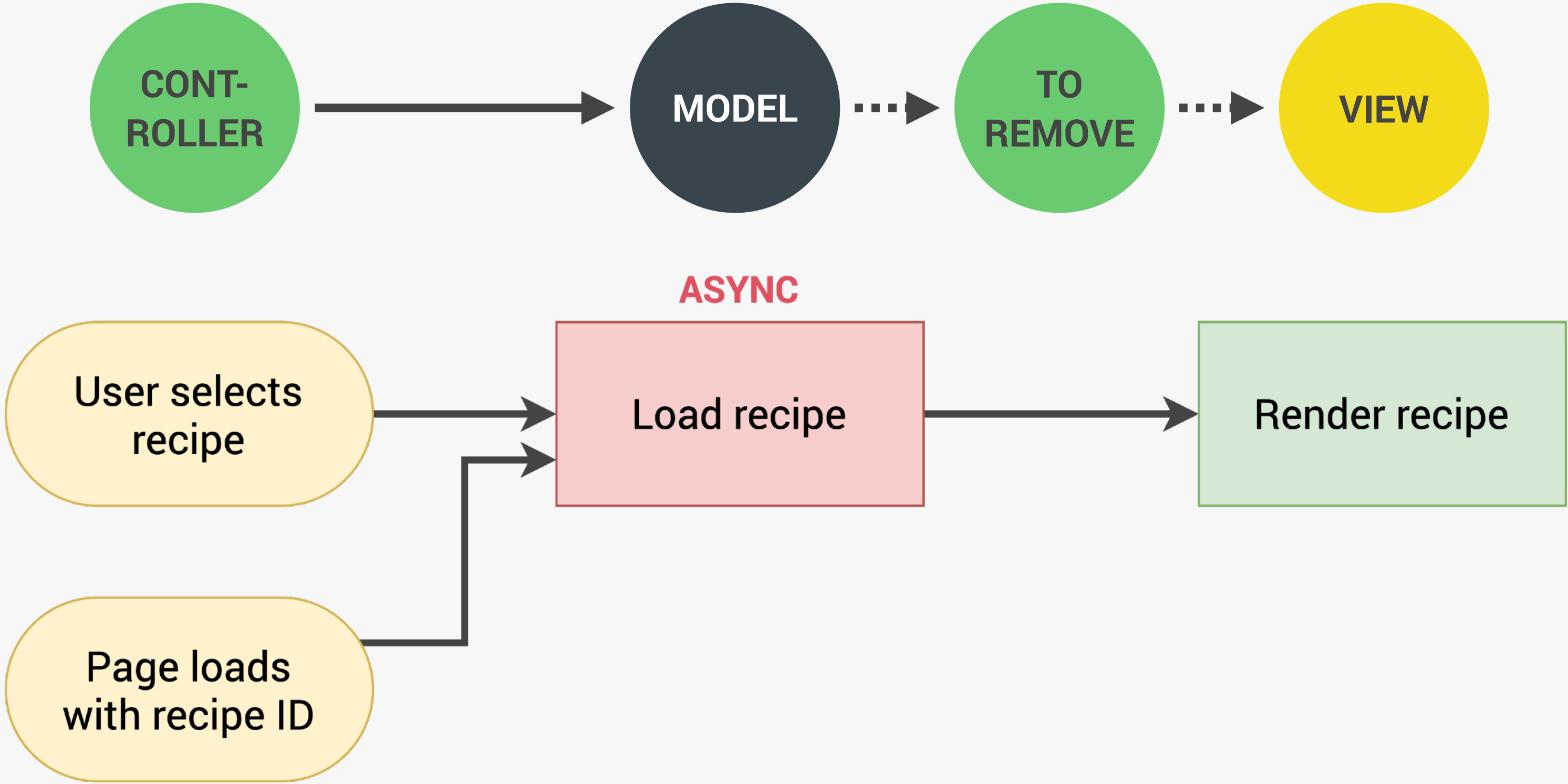
👉 Bridge between model and views (which don't know about one another)

👉 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)

