

EventCreateAndShare

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Why EventCreateAndShare?

Create an Event to connect your audience and spend time together in the real world.

A computer monitor with a black bezel and a silver stand. The screen is white and displays the word "Demo" in blue, underlined text. A small camera lens is visible at the top center of the bezel.

Demo

Technologies Used

- ❖ Maven
- ❖ Spring Boot
- ❖ Spring JPA
- ❖ Spring MVC
- ❖ Spring Session
- ❖ JUnit
- ❖ Mysql Database
- ❖ Redis

- ❖ React
- ❖ Bootstrap, react-bootstrap
- ❖ JSLint
- ❖ axios
- ❖ react-router
- ❖ react-autosuggest
- ❖ react-dom
- ❖ react-datetime

Design Patterns

Singleton

The Singleton pattern is used in the design of logger classes.

Strategy

A controller object implements the strategy for one or more view objects. And it delegates to the controller all decisions about the application-specific meaning of the interface behavior.

Repository

Repository layer is added between the domain and data mapping layers to isolate domain objects from details of the database access code and to minimize scattering and duplication of query code. We use JpaRepository to implement repository pattern.

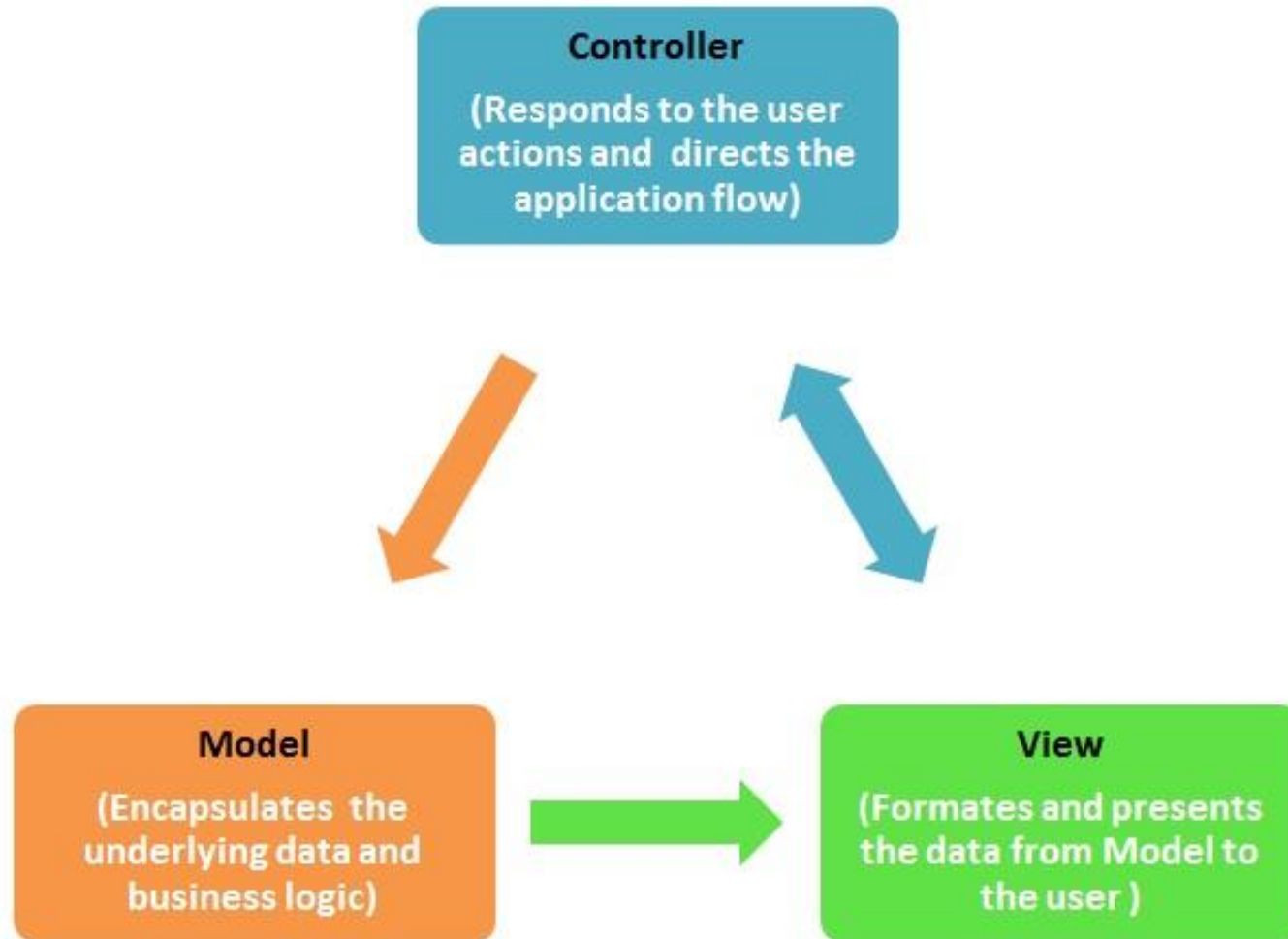
Composite

The view objects in an application are actually a composite of nested views that work together in a coordinated fashion.

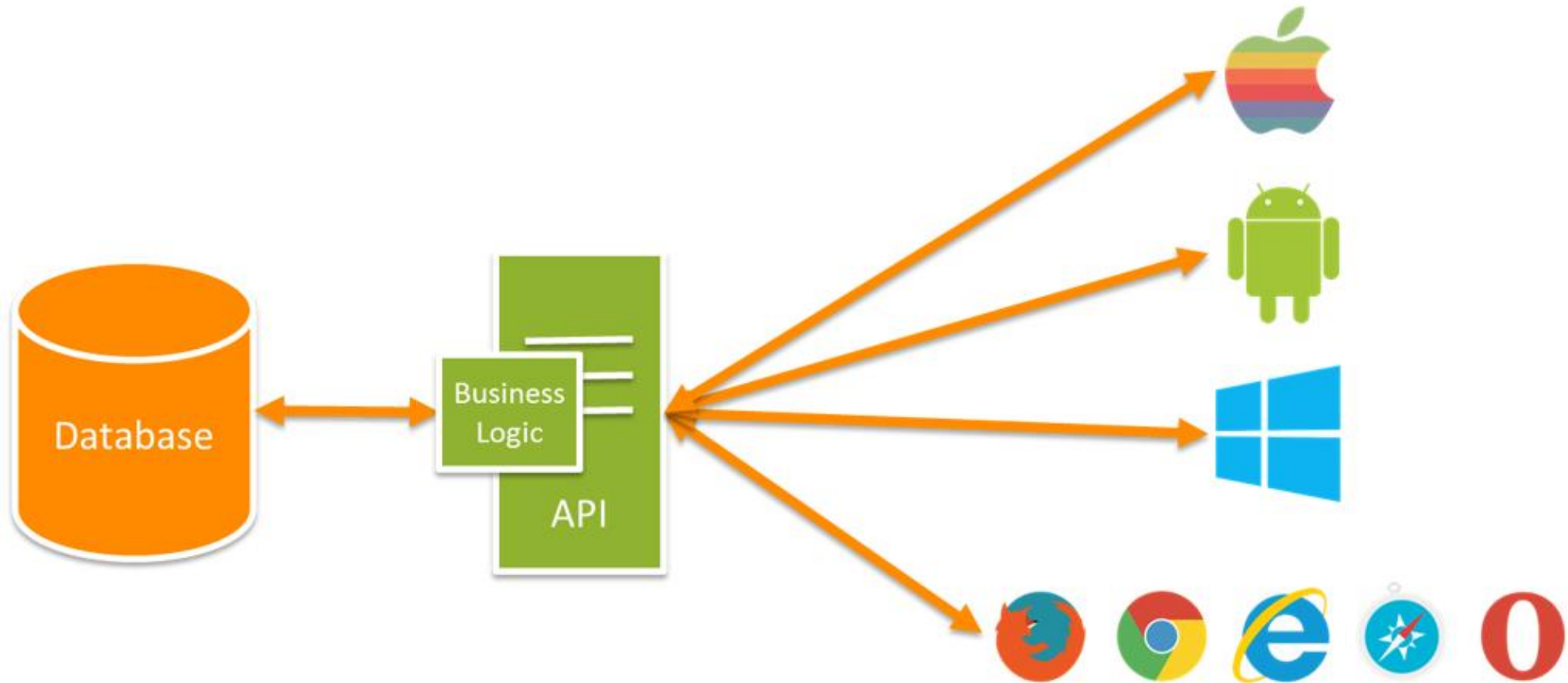
Observer

The observer pattern allows models and views to be bound to each other. A separate mechanism is needed to bind a controller to one or more models.

Architectural Patterns



Architectural Patterns



What we learnt

- ❖ Diagrams makes it easier to visualize how components interact with each other.
- ❖ Design patterns are a really helpful guide to good practices.
- ❖ Analysis and design is important. Project follows use cases, class diagram and design pattern.

- ❖ Requirements should be concise depending on user's perspective.
- ❖ Learned and used different design patterns and frameworks.
- ❖ Learned HTML and Bootstrap for making webpages.

THANK YOU.