# Spring Professional Exam Tutorial v5.0

## Question 02

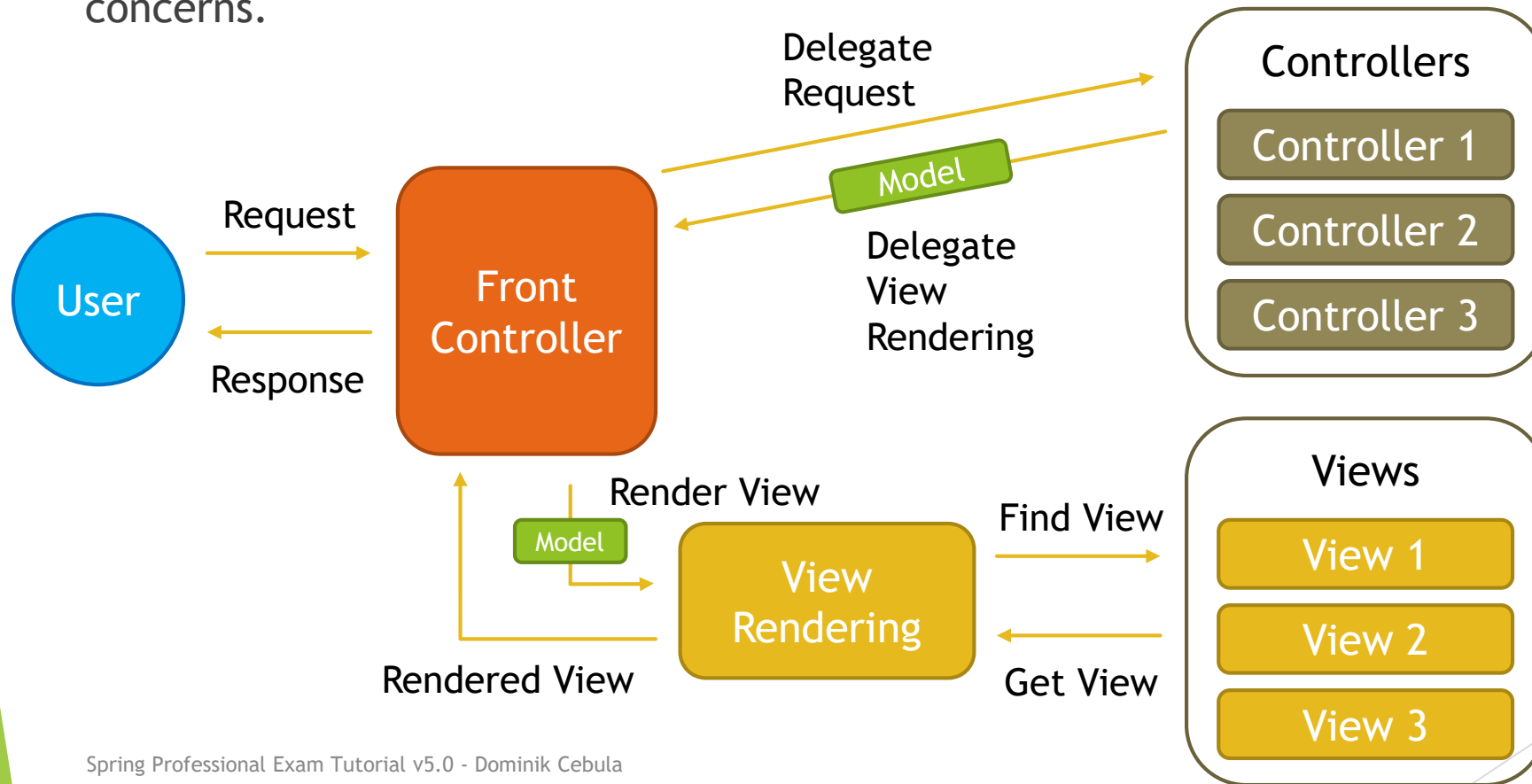# Question 02 - What is the DispatcherServlet and what is it used for?

DispatcherServlet is an internal Spring MVC component that implements HttpServlet from Java Servlet API and Front Controller Design Pattern. It is used to handle all requests to the application, based on servlet mapping, delegate those requests to controllers and produce response based on identified view.

DispatcherServlet has following responsibilities:

▶ Delegates received requests to Controllers

▶ Uses View Resolvers to resolve views pointed out by Controllers

▶ Produces Response that is sent to user

▶ Handles shared concerns, like exception mapping, error handling, security etc.

# Question 02 - What is the DispatcherServlet and what is it used for?

Front Controller Design Pattern allows you to implement shared algorithm for entire application responsible for request processing and handling shared concerns.

# Question 02 - What is the DispatcherServlet and what is it used for?

Servlet is a Java Technology used to create Web Applications on Java Platform with usage of Application Servers. It is a set of interfaces, classes and documentation allowing you to extend capabilities of Application Servers. Servlet is protocol independent, however usually it is used to process HTTP Requests with usage of custom implementation of HttpServlet class. Servlet can be registered via web.xml, or programmatically via annotations since Servlet 3. Servlet registration requires url-patterns which informs application server which requests should be mapped to your servlet.