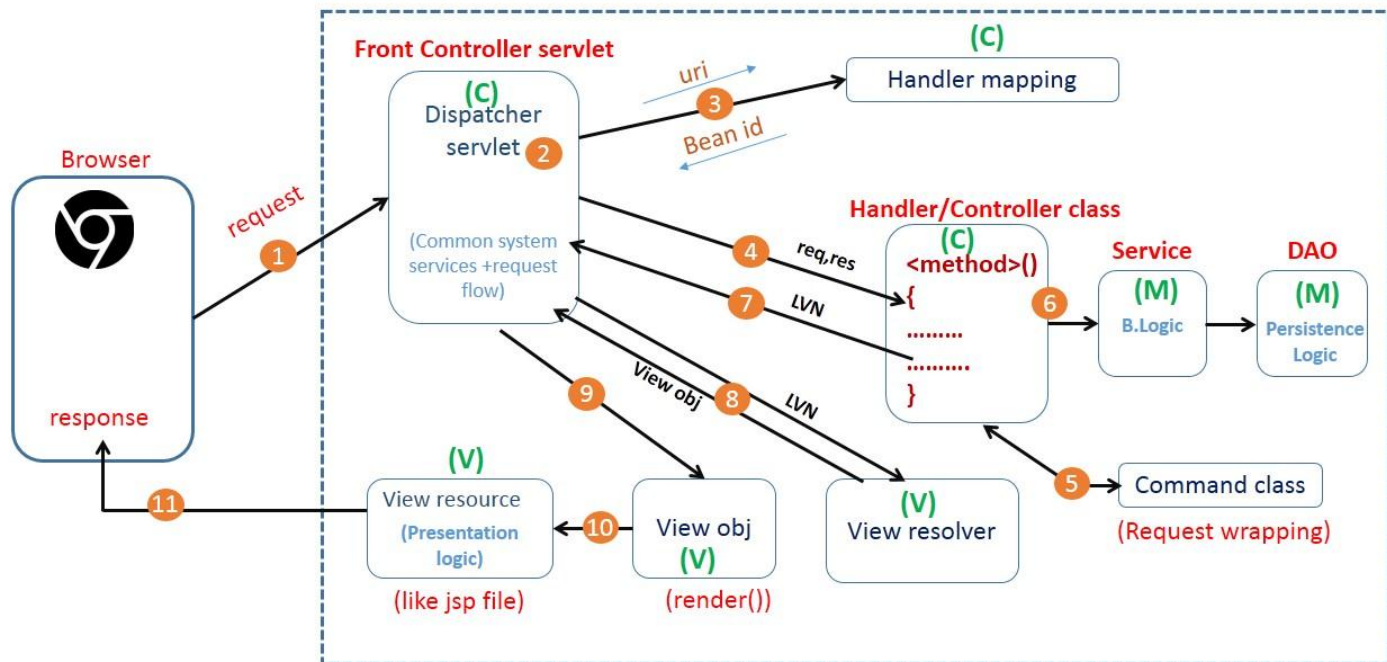


## Spring MVC web application (java web application)



### Spring MVC Flow

1. Browser gives **request** to Spring MVC Web Application.
2. Dispatcher Servlet (sometimes called Front controller ) takes and traps the request & applies the **Common System Services** like Security, Logging, and Auditing.
3. Dispatcher Servlet delegates the request to **Handler Mapping**.
4. Once handler mapping gets the request maps the request with **Handler Class/Controller class** and returns the **Handler Class Bean Id**. Now dispatcher servlet receives the bean id and somehow gets the handler class object and calls method of that object so that control goes to handler class.
5. Handler class/Controller class creates command class object and perform request wrapping .i.e. receives the form data and stores (also called request wrapping) into **Command Class** object. Actually command class is java bean whose object holds received the form data.( if there is form data).
6. Now handler class **executes its own business logic** or talks with **Service or DAO** class get the output by processing the request.

7. Now handler class returns **Logical View Name** to dispatcher servlet.
8. Now dispatcher servlet take the Logical view name and returns **View Interface Implementation Class Object** having **Physical View** .it means dispatcher servlet uses **View Resolver** to get **View Object** having view layer technology and resource.
9. Dispatcher servlet calls **Render ()** method on that object.
10. Now **Render ()** method , transfer the control to **View Resource** for getting physical view like JSP, html etc.
11. JSP contains the presentation logic and format the result and send formatted result to browser as response.