

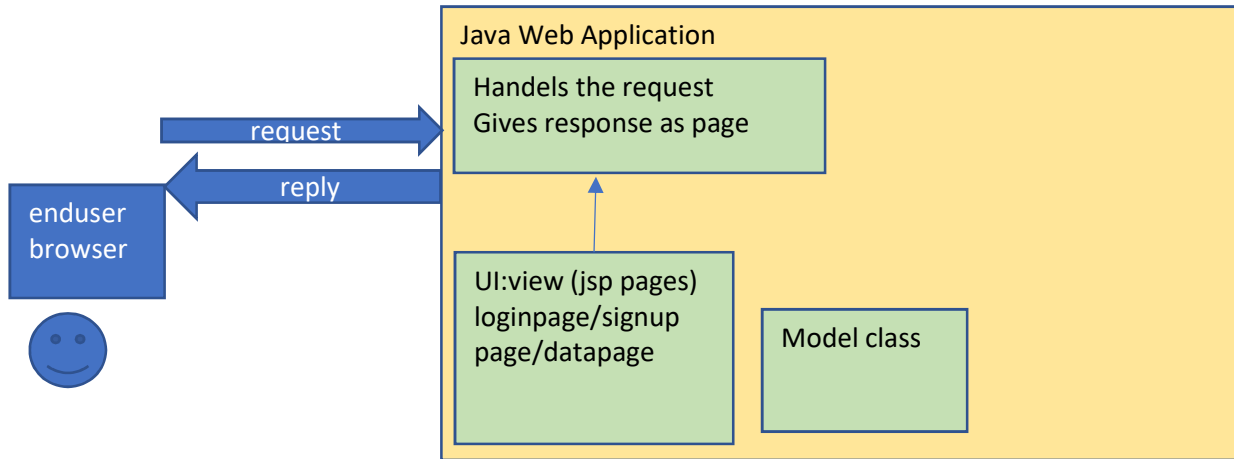
Web application

End user -> web page -> Java applicatoin -> DB

UI BL DB Connectivity

Web application to be hosted

End user can access web application thru URL <http://localhost:8080/myapp>



example

<http://localhost:8080/myapp/loginpage>

if end user sending request for login page : request for login page
response must be loginpage view

<http://localhost:8080/myapp/signuppage>

if end user sending request for signup page : request for signup page
response must be singuppage view

Servlet
Type of java class
Used to handle requests in web application
takes request, gives response as jsp view

Spring Controller
Type of java class
Holds many request handler (every request handler is a method)
takes request, gives response as jsp view

REST Controller

Servlet

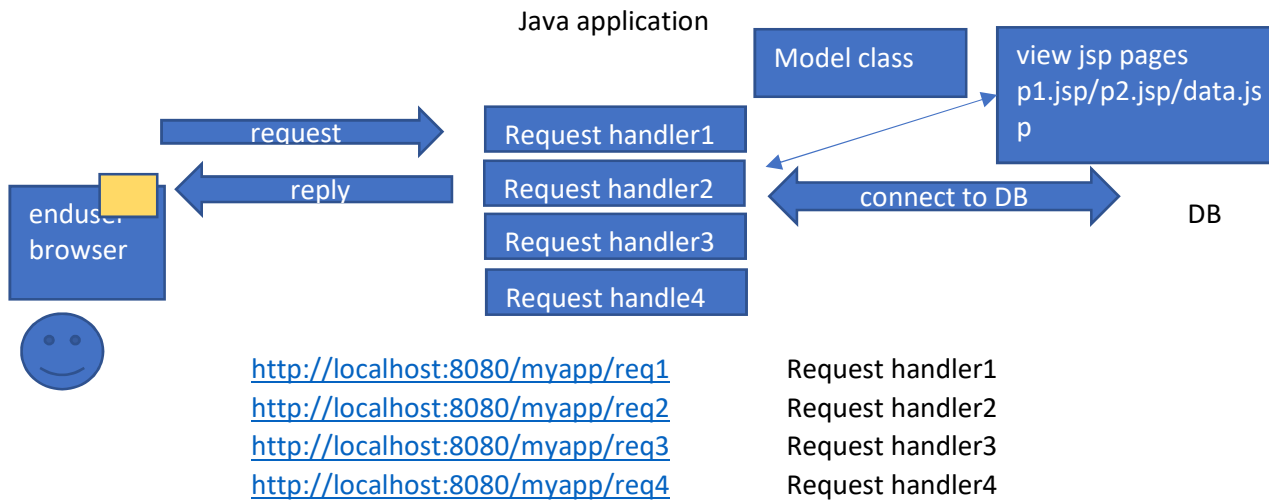
class LoginPageServlet
class SignupPageServlet
class DatePageServlet

Each class behaves as
request handler

Controller

class HomeController
displayloginpage() ...
displaysignuppage() ...
displaydatapage() ...

class is Spring Controller
each method in class behaves
as request handler



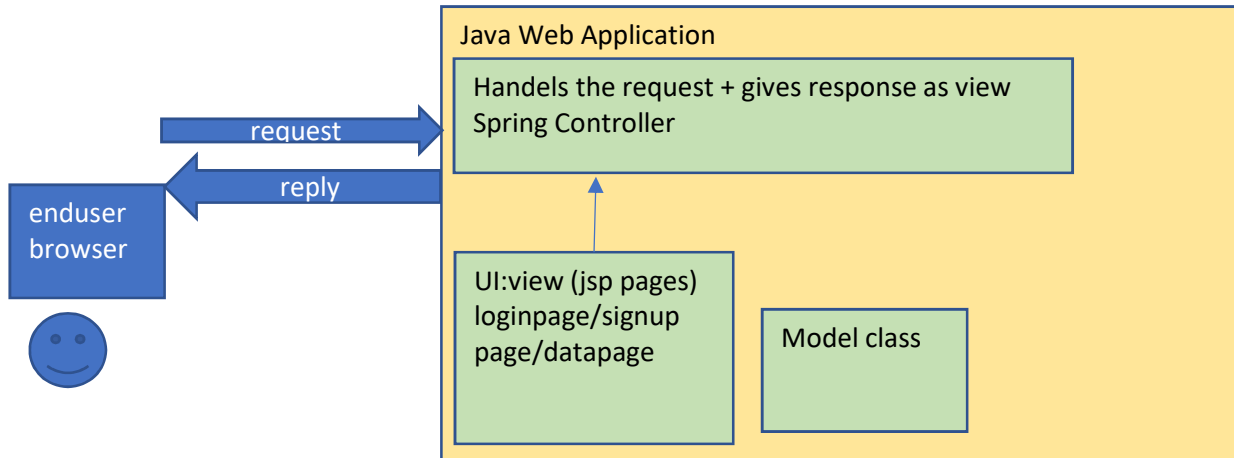
When user sends request1

- 1 request handler method takes the request
- 2 request handler method can connect to db if required
- 3 request handler method resolves view by picking on jsp
- 4 request handler method gives response as resolved view

Web application to be hosted

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<http://localhost:8080/myapp>



Front Controller

Dispatcher Servlet

shows the location where controllers are available

Controller

Has collection of request handling methods

req <-> handler methods

mapped

Note:

Above Front controller and request mapping info loaded into memory before application starts

Application runs as loaded info