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TEA 17

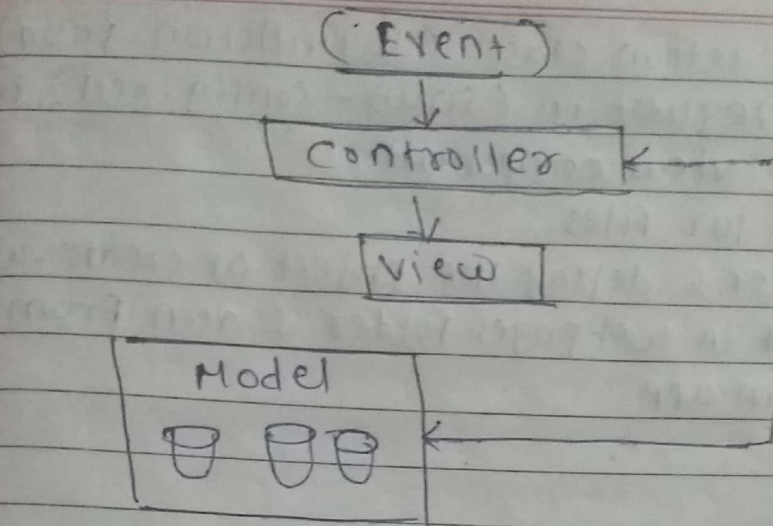
Practical No : 8

Aim: Design and develop any web application using Struts framework

Problem statement : create login page for the web application using struts framework

Theory :

- The Framework plays a vital Role in industries for managable & well designed applⁿ developement as well as enterprise applⁿ developement
- The core of Struts is a flexible control layer based on standard technologies like Java, servlet, JavaBeans, Resource bundles & XML, as well as previous Jakarta commons package
- The Struts System gives the undetectable under pinnings each expert web application needs to survive.
- Struts causes you to make an exetnsible advancement condition for you appⁿ in view of distributed guideline & demonstrated outline designs.



* What is struts ?

- Struts is a framework that advances the utilization of the model view controller engineering for planning sub-substantial scale appl's.
- The structure incorporates an arrangement of custom label libraries & their related java class alongside different utility classes.

* Struts Tags :-

- Id → Name of bean for temp use by the tag
- name → The name of pre-existing bean for use with tag
- property → The property of the bean named in the name attribute for use with the tag.
- scope → The scope of search for the bean named in the name attribute

* Design / Execution steps :-

1. create the directory structure
2. Create jsp page
3. provide the entry of controller in (web.xml) file as given below

4. create the action class (loginAction.java)
5. Map the request in (struts-config.xml) file & define the view component.
6. Load the jar files.
7. Start server & deploy the project or create .war file paste it in webpages folder & run from manager app

Conclusion :-

Hence we have successfully tested the struts framework & tested the result.