

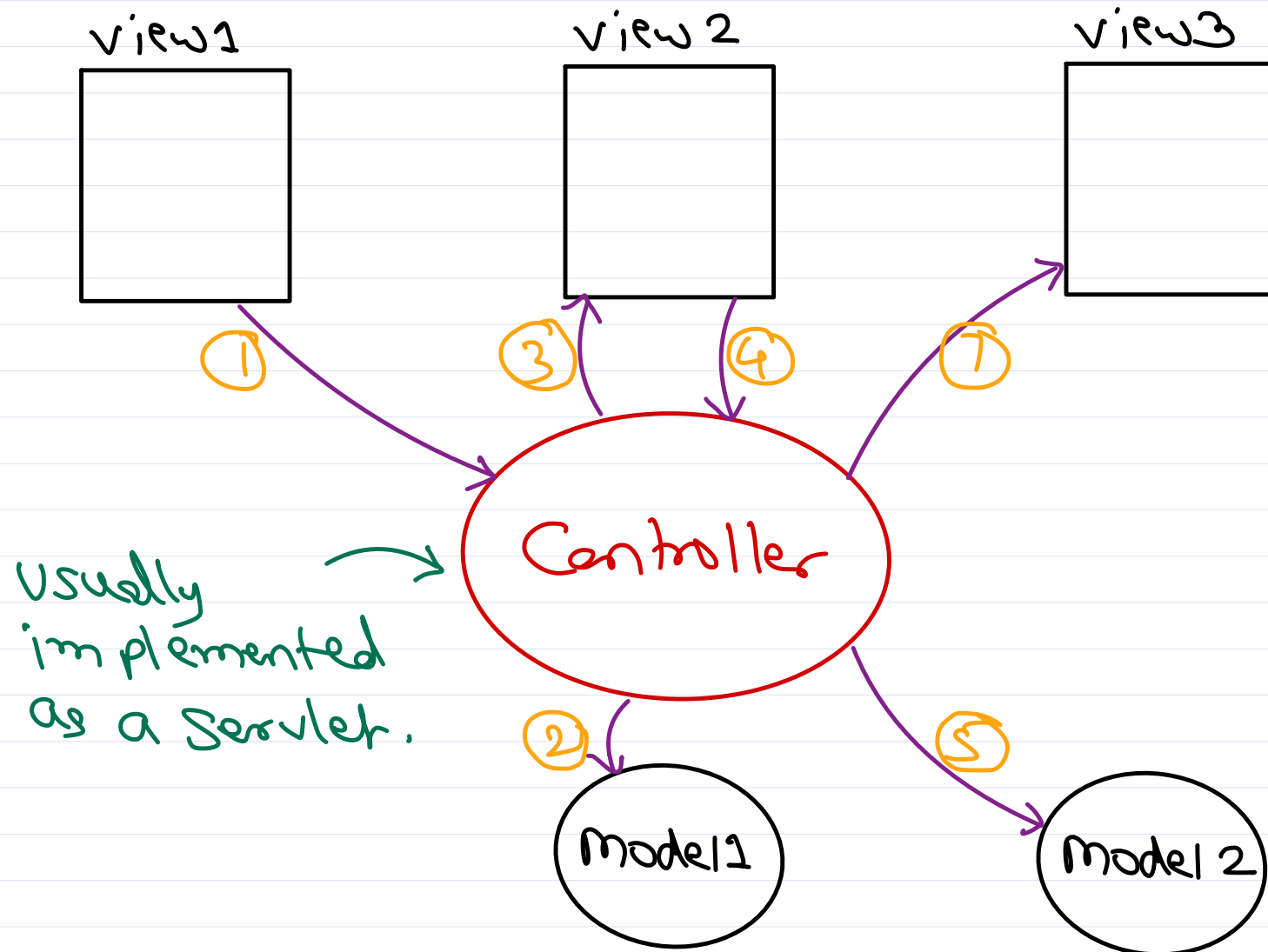


Advanced Java

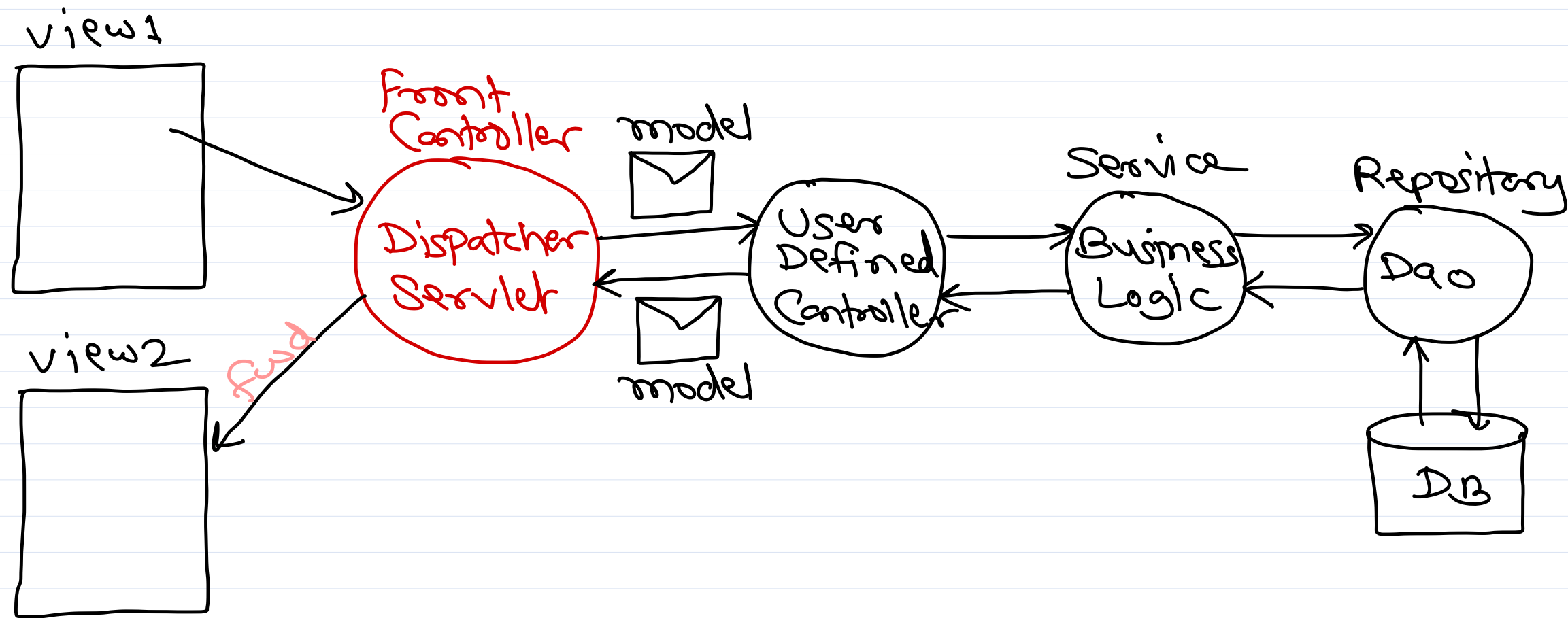
Trainer: Nilesh Ghule



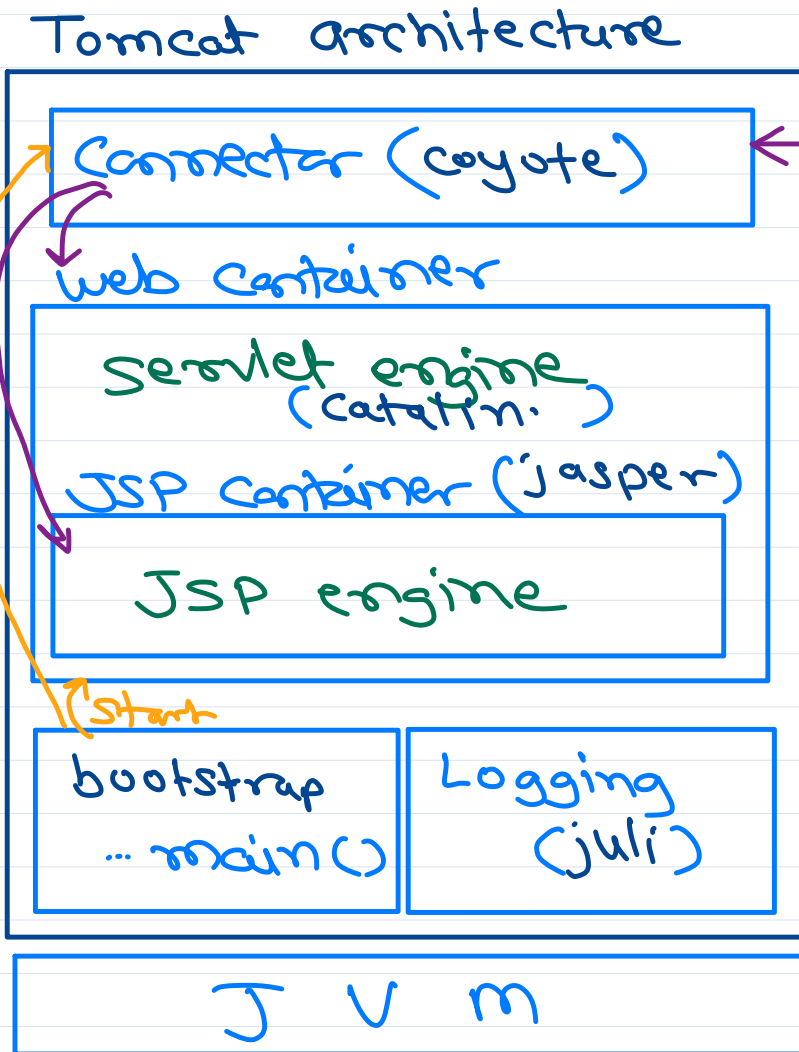
Model View Controller



Spring MVC



Tomcat architecture



Key parts:

- ① Connector (accept reqs)
- ② web container (req processing)
- ③ web appls running in tomcat.

Request Processing

- ① accept request
- ② url mapping
↳ @webServlet or web.xml
- ③ Servlet object
↳ created on 1st req
↳ accessed from pool on next req
- ④ Response generation
↳ doXYZ() method
- ⑤ HTTP response

Thread model

- ✓ tomcat creates a collection of threads during startup - **Executor thread pool**.
- ✓ on each req to a Connector, a thread from pool is assigned to process that request.
- ✓ upon completion, thread returns back to pool.
- ✓ max num of threads in pool can be configured in **server.xml**.





Thank you!

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