

# Database and Validation

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

**Web Application contributed by a leading MNC**

Arya Ratish

IIT Bombay

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# Learning Objectives



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- **Interact with database**



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- **Field validation**



# Software Requirements



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- **Ubuntu 12.04 OS**



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- **Firefox web browser 21.0**



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- Netbeans IDE 7.3
- JDK 1.7
- Firefox web browser 21.0
- **You can use any web-browser of your choice**



# Prerequisite



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- **Basics of Java Servlets and JSPs**



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- **Connecting to MySQL Database from Netbeans IDE**



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- Connecting to MySQL Database from Netbeans IDE
- **Creating database and tables**



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- Basics of Java Servlets and JSPs
- Connecting to MySQL Database from Netbeans IDE
- Creating database and tables
- **If not, for relevant tutorials please visit**  
<http://www.spoken-tutorial.org>



# RequestDispatcher Interface



# RequestDispatcher Interface

- Provides the facility of dispatching the request to another resource



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- Provides the facility of dispatching the **request** to another resource
- **The resource can be html, servlet or jsp**



# Model

**A model :**



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- **Represents the underlying, logical structure of data in a software application**



# Model

A model :

- Represents the underlying, logical structure of data in a software application
- **A Java class with attributes and setters and getters for them**



- In this way, we can consider model as a whole instead of the individual attributes



# Summary



# Summary

- **Database connectivity**
- **Field validation**



# About the Spoken Tutorial Project

- Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- It summarises the Spoken Tutorial project



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- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



# Spoken Tutorial Workshops

## The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)



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- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>



# Contributor slide

- **The Library Management System**
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- **They have also validated the content for this spoken tutorial**

