

# Overview of the web application

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**

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# Learning Objectives



# Learning Objectives

- **Introduce you to a web application**



# Learning Objectives

- Introduce you to a web application
- To create a basic inventory system



# Learning Objectives

- Introduce you to a web application
- To create a basic inventory system
- **Used the example of a Library Management System**



# Prerequisite



# Prerequisite

- Core java using Netbeans IDE



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- Core java using Netbeans IDE
- HTML





# Prerequisite

- Core java using Netbeans IDE
- HTML
- If not, for relevant tutorials please visit

<http://www.spoken-tutorial.org>



# Library Management System

**A Library Management System is a system which:**



# Library Management System

**A Library Management System is a system which:**

- **manages the issuing and returning of books**



# Library Management System

**A Library Management System is a system which:**

- manages the issuing and returning of books
- manages the users of the library



# Objectives

**The use of such a system helps:**



# Objectives

The use of such a system helps:

- The librarian to manage the books in the library easily



# Objectives

The use of such a system helps:

- The librarian to manage the books in the library easily
- To maintain membership information on one centralized server



# Objectives

The use of such a system helps:

- The librarian to manage the books in the library easily
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- To save time and resources





# Objectives

The use of such a system helps:

- The librarian to manage the books in the library easily
- To maintain membership information on one centralized server
- To save time and resources
- **To reduce the workload**



# What you will learn?

**At the end of this series, you will be able to:**



# What you will learn?

At the end of this series, you will be able to:

- **Create this simple Library Management System**



# What you will learn?

At the end of this series, you will be able to:

- Create this simple **Library Management System**
- **Add more functionalities to it like searching for a book**



# What you will learn?



# What you will learn?

- We will be using JSP and Servlets to build the web application



# What you will learn?

- We will be using **JSP and Servlets** to build the web application
- You will learn the **MVC architecture** in detail



# What you will learn?

- We will be using **JSP and Servlets** to build the web application
- You will learn the **MVC architecture** in detail
- **You will be able to develop any web application which follows the MVC pattern**





# 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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- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>



# Contributor slide

- **The Library Management System**
- **has been contributed by a leading software MNC**
- **through their Corporate Social Responsibility program**
- **They have also validated the content for this spoken tutorial**

