Library Management System Deployment Diagram PDF

Library Management System Deployment Diagram Description

Deployment diagrams demonstrate how software and hardware communicate to ensure appropriate Library Management System operation. It properly explains how software interacts with hardware. They also help figure out which software parts are used by a certain type of hardware.

Library Management System uses UML deployment diagram to show how should the developed software be deployed. It clarifies the communications between links(nodes) which helps the project to work according to the design given to it.

Deployment Diagram for Library Management System in UML

Deployment diagram for Library Management System in UML are used to to illustrate its' physical architecture. In UML, deployment diagrams can show you how the software and hardware of library system work together and where the processing takes place.

According to Guru99.com, the main aim of UML deployment diagrams is to describe how software is delivered into the hardware system. It depicts how software interacts with hardware to perform all of the functions. It's a term that describes how software interacts with hardware and vice versa.

Library Management System UML Deployment Diagram (Explanation)

The library management system UML deployment diagram explains the sketch of relationship between software and hardware. These hardware and software also include their components to clarify their part for Library Management System. They were represented by nodes and the connections were represented by labeled arrows.
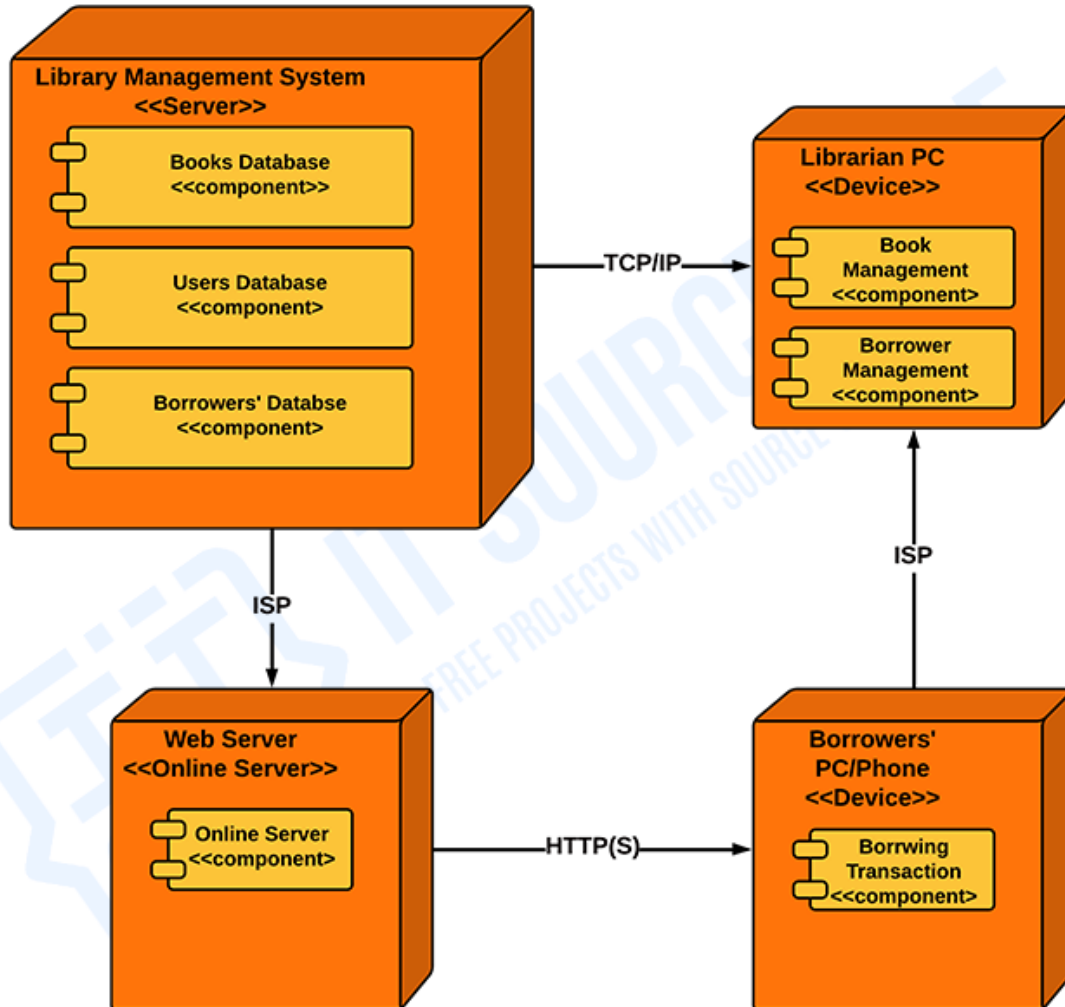
The deployment diagram shows the scenario when the library management system is deployed. It has 4 nodes represented with boxes and components within. Library Management System node has the component several databases such as books, borrows, and users. Then the librarian must be connected to the network thru TCP/IP in order for them to access the system.

Additionally, the software is connected to ISP that enables it to pass data to the online server and then will be accessed by the borrowers thru browsers with also the help of URLs. Lastly, the Librarian and the Borrowers can communicate with the use of ISP.

Deployment Diagram for Online Library Management System

Here's the Deployment Diagram for Online Library Management System.

Deployment Diagram for Library Management System in UML