

LEARNING MANAGEMENT SYSTEM DEPLOYMENT DIAGRAM

LMS or **Learning Management System Deployment Diagram** is used to have a clear description of the system's software and hardware specification. It defines the software and hardware relation and processes during the system's deployment. The deployment diagram is one of the UML structural models which describes the physical aspects of a learning management system project.

This **learning management system deployment diagram** is a sort of UML model that describes the system's execution architecture. It includes nodes such as hardware or software execution environments and their relationships. This shows included PCs and other devices for hardware, OS and applications for software, and TCP/IP and other connection forms for their connections.

Learning Management System Deployment Diagram Description

Deployment diagrams demonstrate how software and hardware communicate to ensure appropriate learning management system operation. It properly explains how software interacts with hardware. They also help figure out which a certain type of hardware uses software parts.

The main aim of 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.

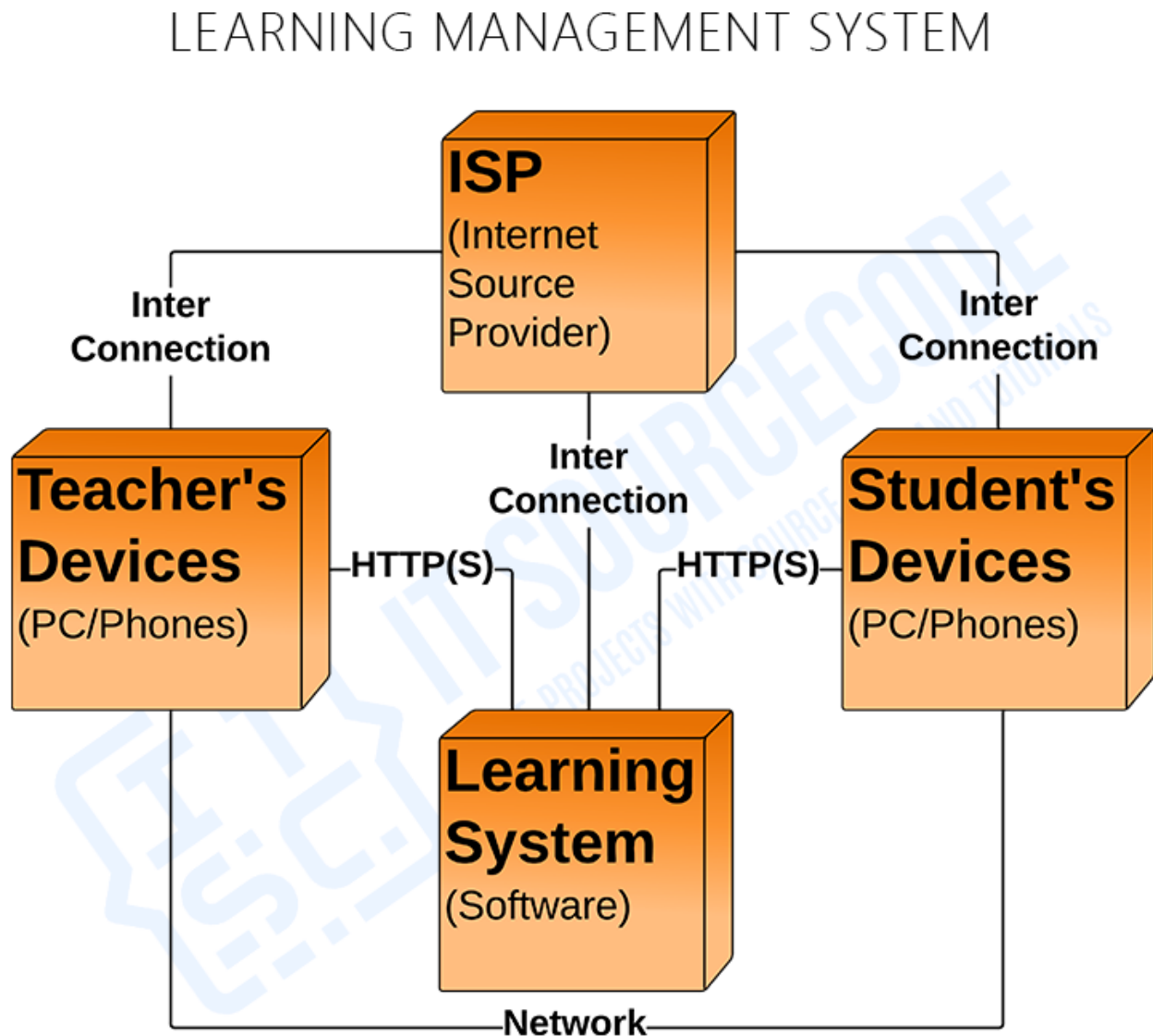
Deployment Diagram for Learning Management System in UML

A deployment diagram for the learning management system in UML is used to illustrate its' physical architecture. In UML, deployment diagrams can show you how the software and hardware of the learning management system work together and where the processing takes place.

The learning management system uses a 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 diagrams depict the setup of run-time processing nodes and the components that reside on them.

Deployment Diagram for Learning Management System

Here's the **Deployment Diagram for Learning Management System** showing the detailed illustration of the system's software and hardware specification. Additionally, it gives the complete physical structure of the learning Management system that is needed in its deployment for its users.



DEPLOYMENT DIAGRAM

Deployment Diagram of Learning Management System in UML

It is important to create the deployment diagram to clarify the needs of the project before it will put into operation. This will help you avoid unnecessary difficulties that may encounter because of specification deficiency.

Learning Management System UML Deployment Diagram (Explanation)

The learning management system UML deployment diagram explains the sketch of the relationship between software and hardware. These hardware and software are labeled to clarify their part to the system's operation. They were represented by nodes and the connections were represented by labeled arrows.

The deployment diagram shows the scenario when the system is deployed. It has 4 nodes represented with boxes and relationship connections. The nodes are the learning system, the teacher's PC, the student's PC, and the ISP. The system node contains developed software that will hold the learning materials needed online.

For the connection, the ISP is connected to the PCs using interconnections which enables it to pass a connection to the devices and enable users to access the system. The users then can communicate using the network connection.