

Online Shopping System Deployment Diagram

Online Shopping System Deployment Diagram Description

Deployment diagrams demonstrate how software and hardware communicate to ensure the appropriate operation of the Online Shopping System. It properly explains how software interacts with hardware. This also helps figure out which software parts are used by a certain type of hardware.

Online Shopping 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.

Benefits of UML Deployment Diagram

They visualize a system's hardware processors/nodes/devices, communication linkages between them, and software file layout on that hardware.

- It aids in the visualization of the various aspects involved.
- Aids in a more accurate description of all the hardware elements used by software components.
- It clarifies the description of the runtime involved in processing nodes.
- Provides hardware specified details for a distributed application.
- Helps in modeling the system's hardware topology.
- It aids in the modeling of inserted or included software.
- Provides more information on the hardware system.
- Reverse engineering is made easier using the UML deployment diagram.

Additional Knowledge

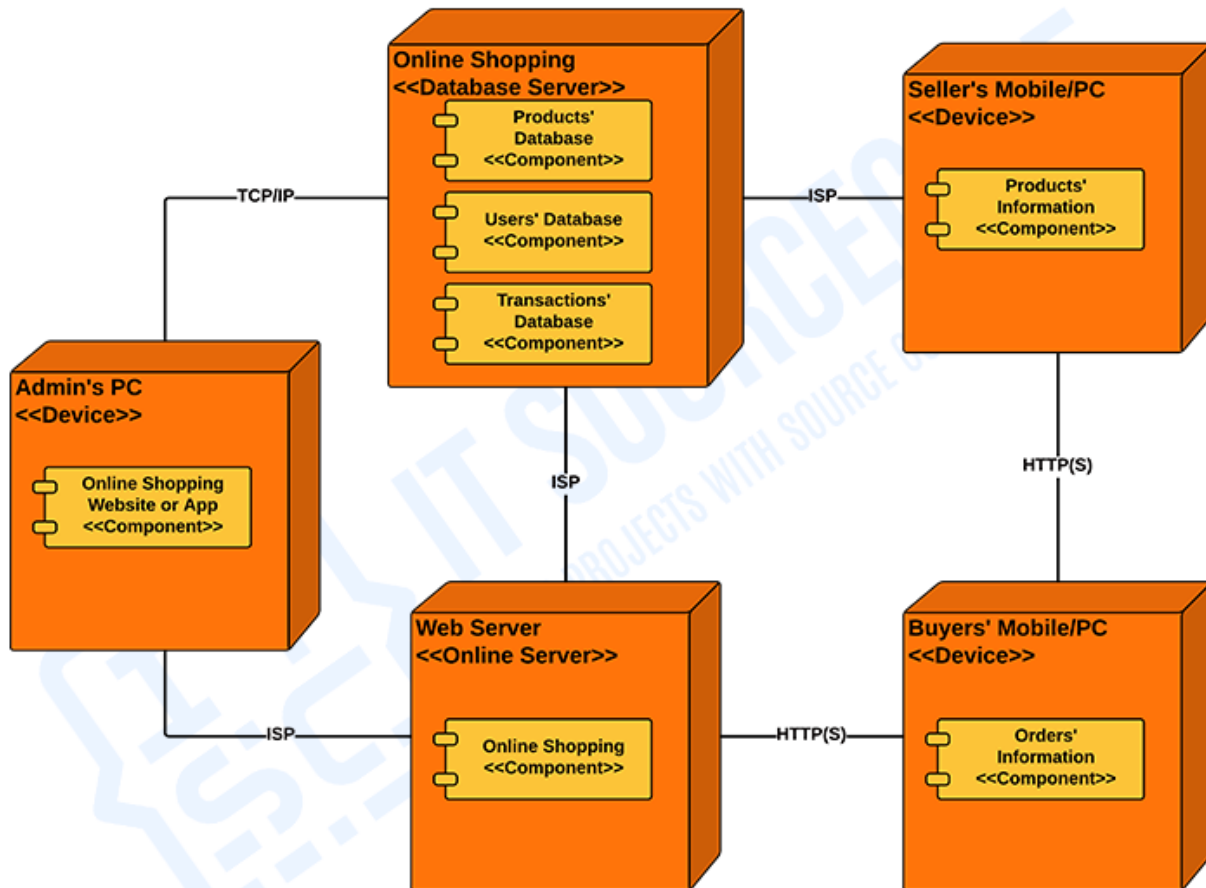
The topology of the physical components of a system, where the software components are installed, is visualized using deployment diagrams. Deployment diagrams are used to depict a system's static deployment view. Nodes and their relationships are depicted in deployment diagrams.

The Deployment Model shows how components will be distributed across the system architecture in detail. It contains information about network capabilities, server specifications, hardware requirements, and other aspects of the planned system's deployment.

Online Shopping System Deployment Diagram

Here's the Deployment Diagram for Online Shopping System. It shows a detailed illustration of the system's software and hardware specification. Additionally, it gives you the complete physical structure of the online shopping system that is needed in its deployment for its users.

ONLINE SHOPPING SYSTEM



DEPLOYMENT DIAGRAM

Deployment Diagram of Online Shopping System in UML

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

Online Shopping System UML Deployment Diagram (Explanation)

The online shopping system UML deployment diagram explains the sketched relationship between software and hardware. This sketch also includes the software and hardware components to clarify their part in the system's operation. They were represented by nodes and the connections were represented by labeled arrows.

The admin's PC has access to the system's back end and can monitor the systems' server. The deployment diagram shows the scenario when the system is deployed. It has 5 nodes represented with boxes and components within.

The online shopping node has the component of several databases such as products, users, and transactions. Then the sellers must have an internet connection (ISP) in order for them to access the system's database.

Additionally, the software is connected to ISP which enables it to pass data to the webserver. Then the webserver will be accessed by the buyers thru browsers with the help of URLs. The sellers and the buyers can communicate with the use of ISP.