Railway Reservation System Deployment Diagram

Railway Reservation System Deployment Diagram Description

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

According to Guru99.com, 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 Railway Reservation System in UML

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

Railway Reservation 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.

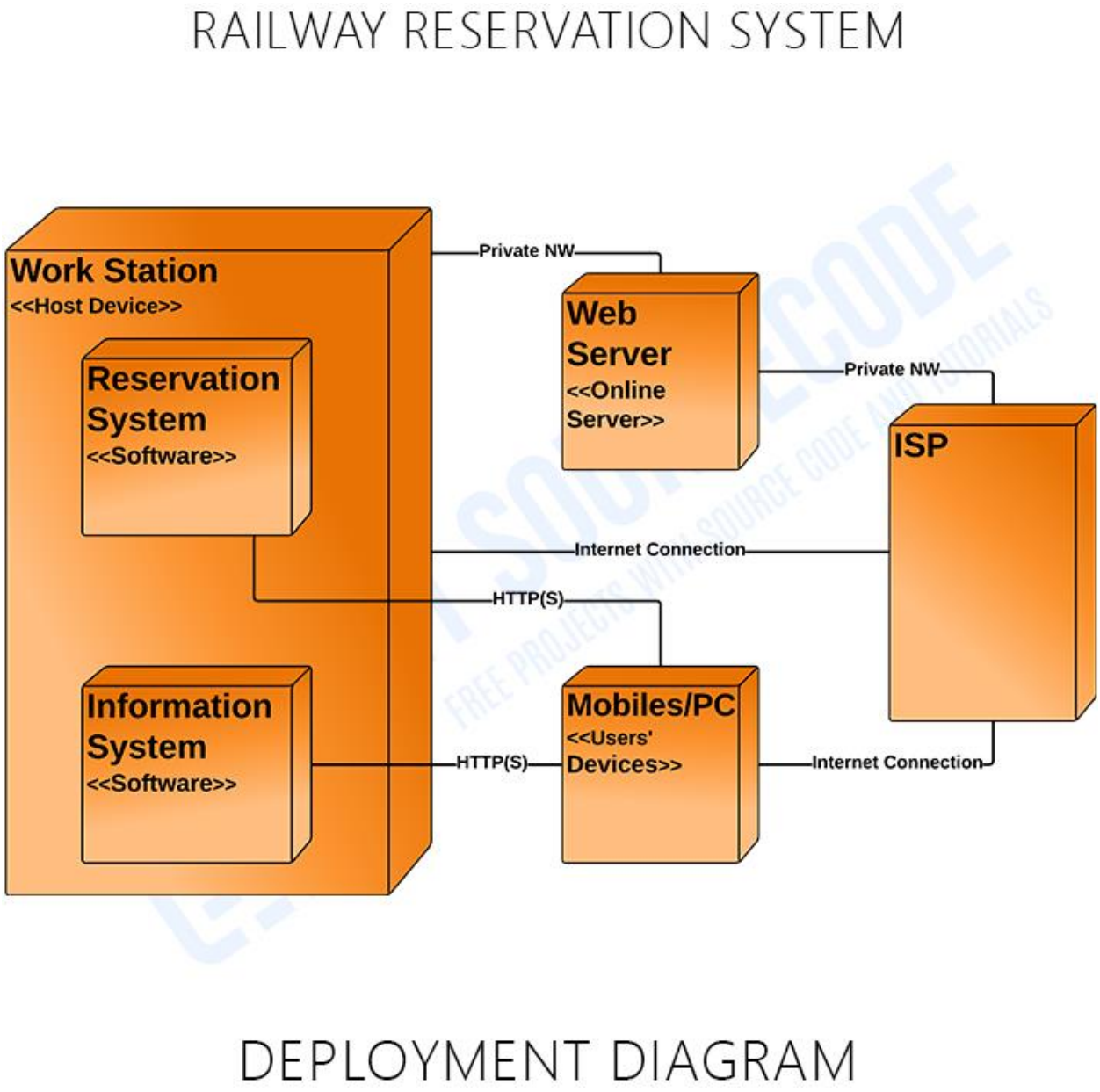
Additional Knowledge

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.

Deployment Diagram for Online Railway Reservation System

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



Deployment Diagram of Railway Reservation 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.

Railway Reservation System UML Deployment Diagram (Explanation)

The railway reservation system UML deployment diagram explains the sketch of the relationship between software and hardware. These hardware and software are labeled to clarify their part in 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 6 nodes represented with boxes and relationship connections. The nodes are the main device (work station), the reservation system, information system, ISP, web server, and the Mobiles/PC.

For the connection, all of the software was connected to ISP which enables it to pass data to the webserver. The main device uses the private network to secure all the data in the system. Other nodes need to have an internet connection to access the reservation and information system through URLs.