

Ex. No: 7b	DEPLOYMENT DIAGRAM
Date: 13/09/2021	
Video Link:	https://drive.google.com/file/d/1WStiqqQpf7yDi-bIMKtQ8PhneyaFYIIm/view?usp=sharing

OBJECTIVE

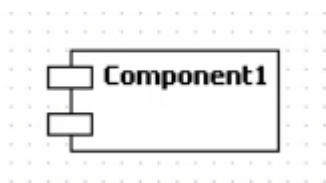
Deployment diagrams are another model in the implementation diagram category. The Deployment diagram models the hardware used in implementing a system and the association between those hardware components. Components can also be shown on a Deployment diagram to show the location of their deployment. Deployment diagrams can also be used early in the design phase to document the physical architecture of a system.

This Document is explains the Deployment diagram for the project E-Learning System.

DESCRIPTION

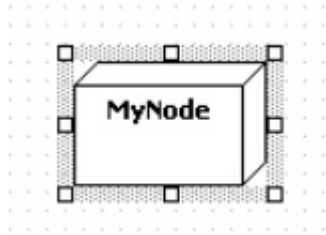
Component

A component represents a software entity in a system. Examples include source code files, programs, documents, and resource files. On a deployment diagram, components are placed within nodes to identify their deployed location. A component is represented using a rectangular box, with two rectangles protruding from the left



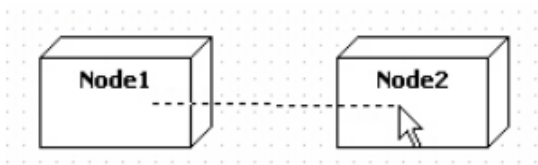
Node

A node represents a piece of hardware in the system. This entity is represented by a three-dimension



Association

An association, drawn as a solid line between two nodes, indicates a line of communication between the hardware elements



ALGORITHM

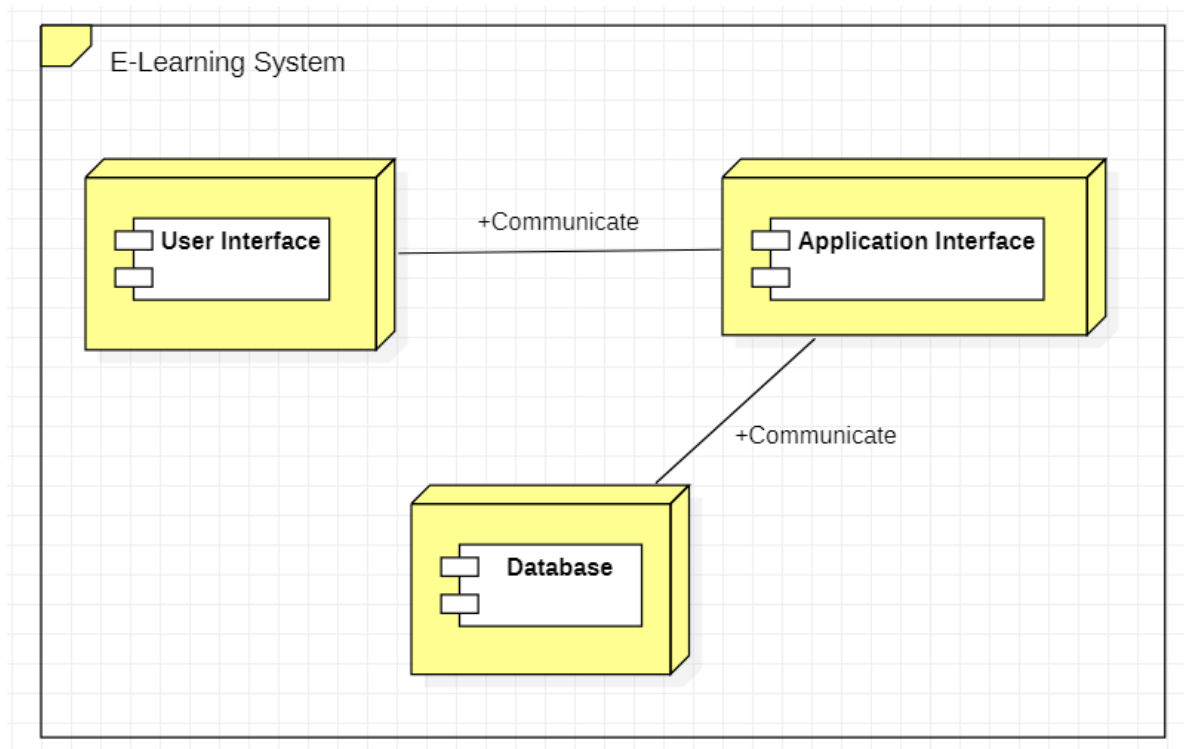
Step 1: Identify the processors and devices used in the Deployment Diagram.

Step 2: The processors are connected according to the office set up.

Step 3: The association link is drawn with the messages.

Step 4: Terminate the process after completion.

OUTPUT



The Deployment diagram for the E-Learning system has a 3 node called user Interface, Application Interface and Database. Where the 3 nodes communicate to perform the operations that are in this E-Learning System.

RESULT:

The deployment diagrams are used in the implementation phase of software development to articulate the high level requirements of the system are drawn successfully