

Task 10 Prototype of the Project

Aim:

The aim is to Develop a prototype of the project with database management system and deploy the project.

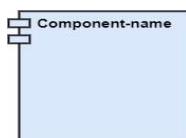
Component Diagram

A component diagram is used to break down a large object-oriented system into the smaller components, so as to make them more manageable. It visualizes the relationships as well as the organization between the components present in the system.

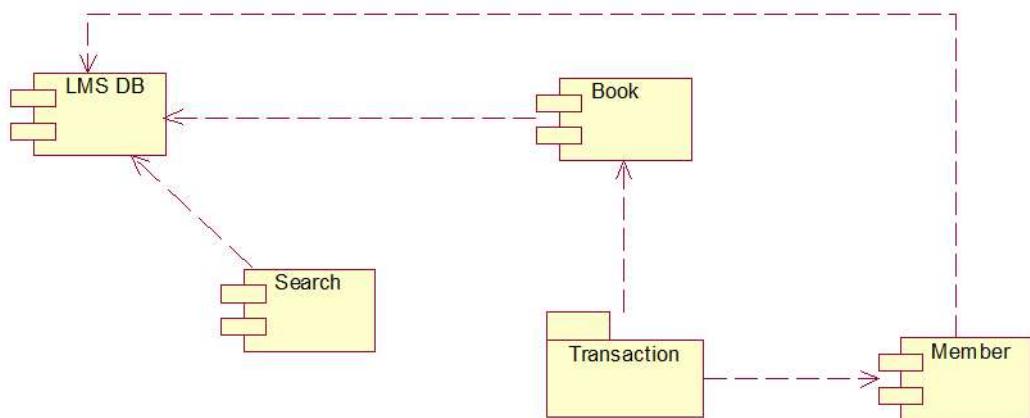
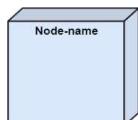
A component diagram for a book bank system illustrates the different components or modules that make up the system and how they interact with each other. The components identified are ECC Machine, card reader, PIN pad, cash dispenser, network interface.

Notations in component Diagram

a) A component



b) A node

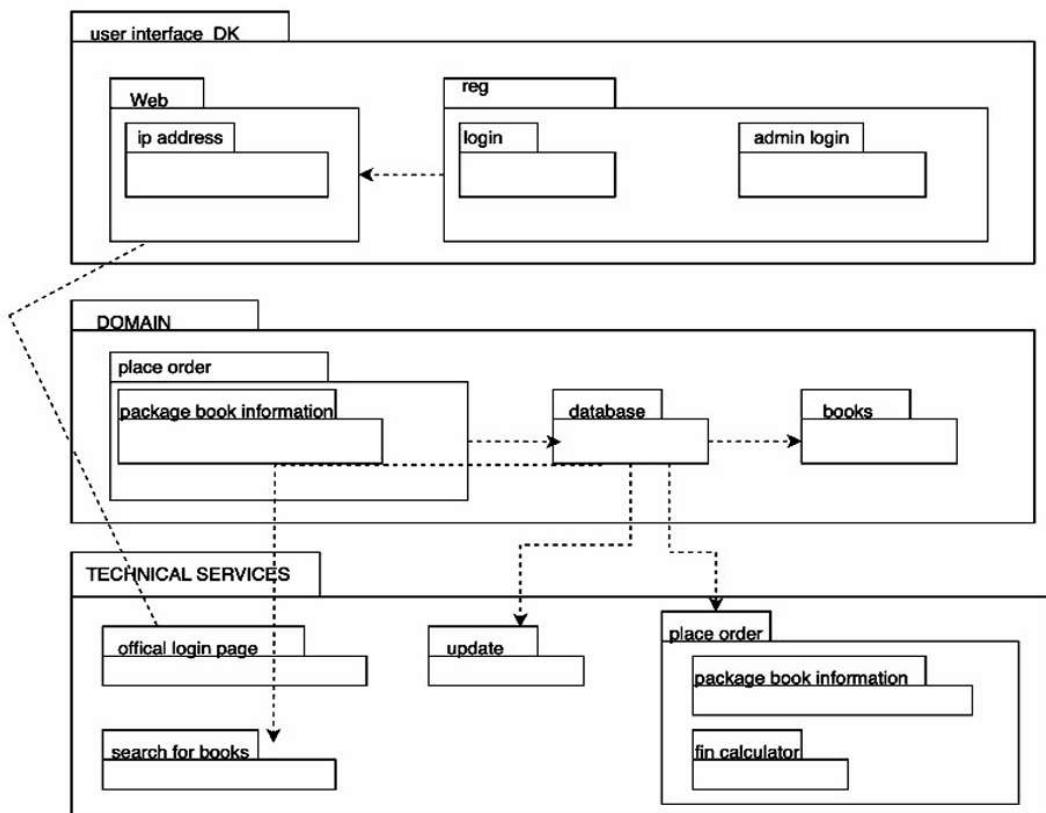


Package diagram

Package diagrams are structural diagrams used to show the organization and arrangement of various model elements in the form of packages.

Notation in package diagram

Symbol Image	Symbol Name	Description
	Package	Groups common elements based on data, behavior, or user interaction
	Dependency	Depicts the relationship between one element (package, named element, etc) and another



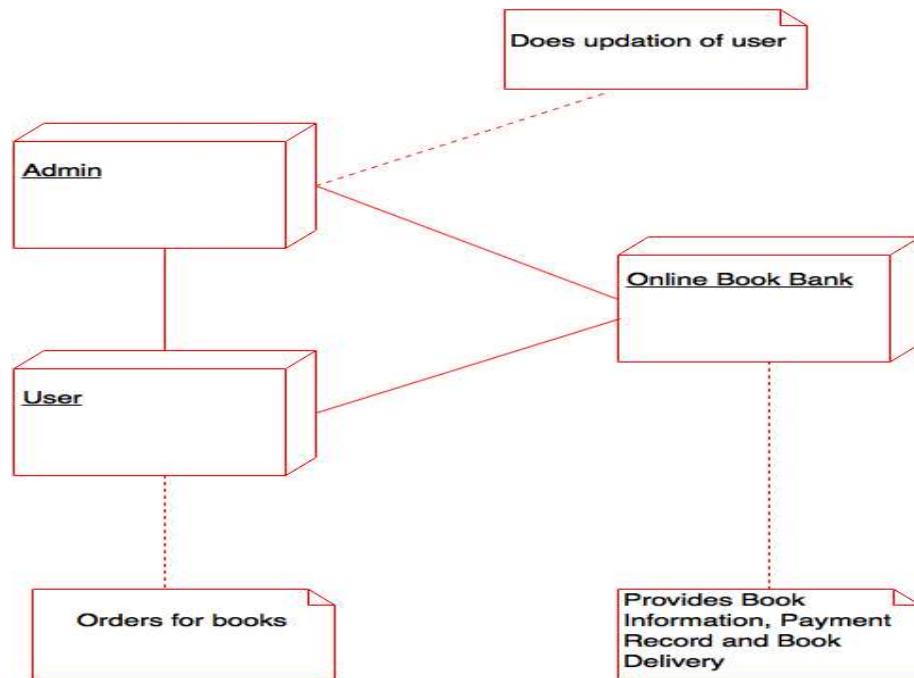
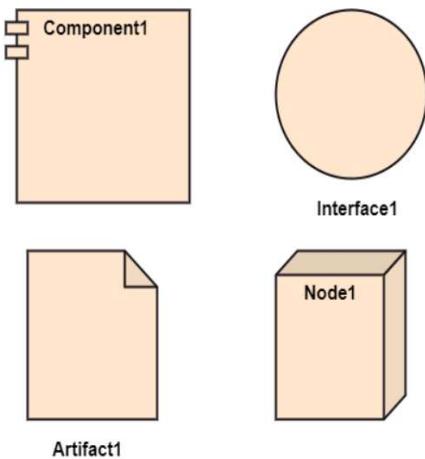
Deployment Diagram

The deployment diagram visualizes the physical hardware on which the software will be deployed. The main purpose of the deployment diagram is to represent how software is installed on the hardware component.

Notations in Deployment Diagram

The deployment diagram consist of the following notations:

1. A component
2. An artifact
3. An interface
4. A node



Result

Thus the prototype of the project with database management system and deployment of the project has been designed successfully.