

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.

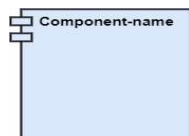
Component Diagram

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.

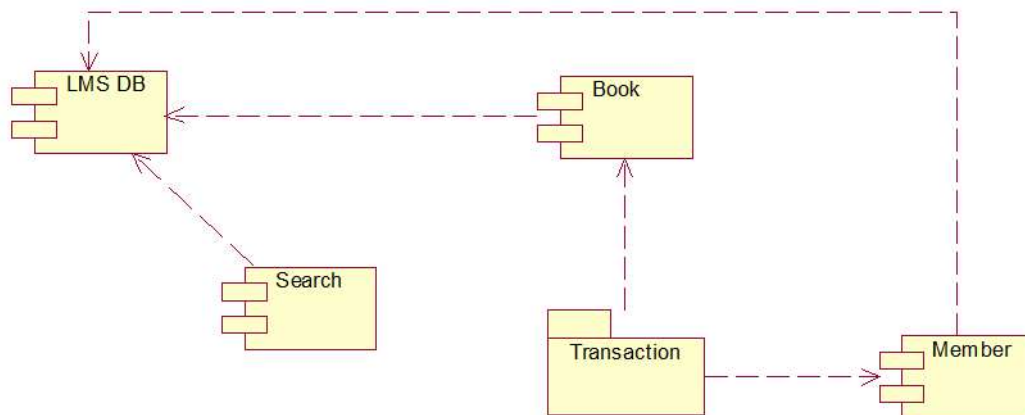
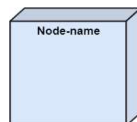
A component diagram for a book bank system illustrates the different components or modules that make up the system and how they interact with each other. The components identified are ECC Machine, card reader, PIN pad, cash dispenser, network interface.

Notations in component Diagram

a) A component



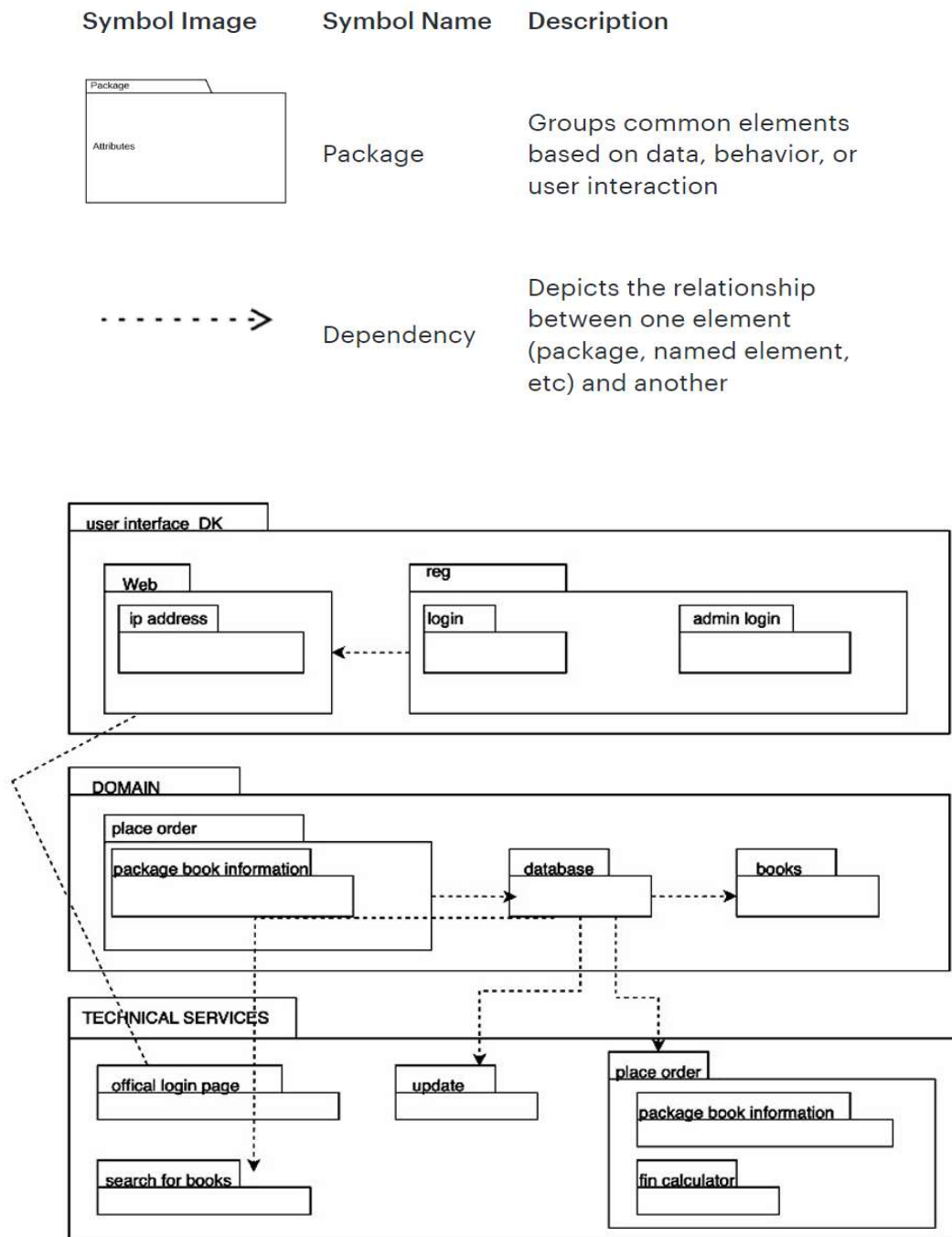
b) A node



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



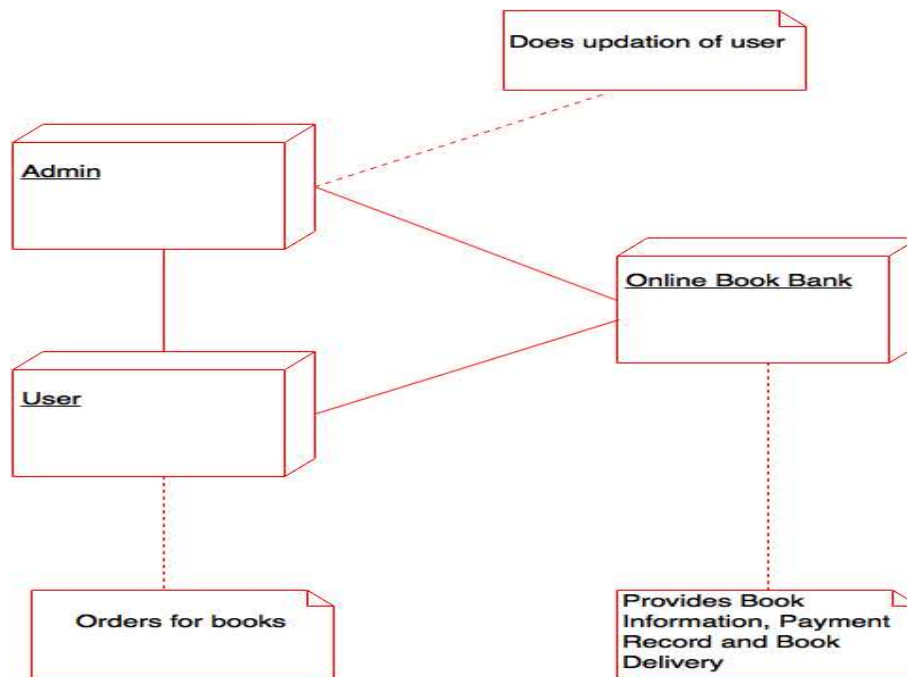
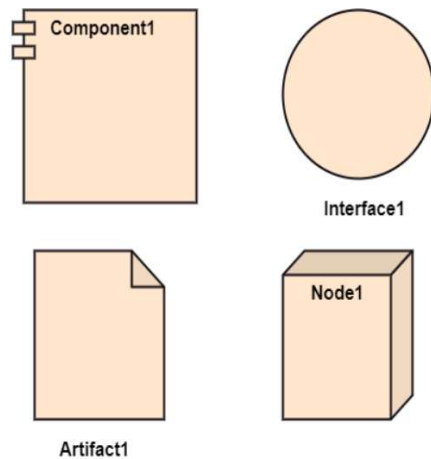
Deployment Diagram

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 be designed successfully.