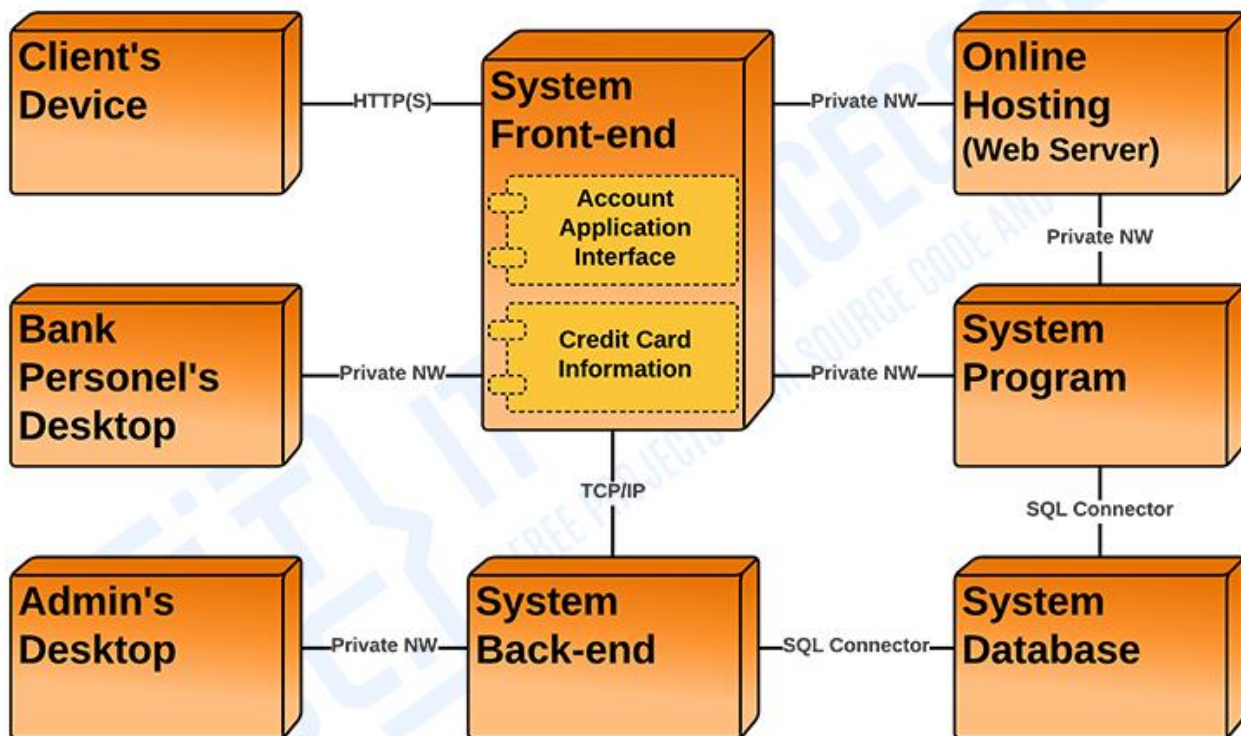# Credit Card Processing System Deployment Diagram

A **deployment diagram for credit card processing system** is used to describe the system's operation showing the hardware and software components that run in each node, and explaining the connections between them.

Deployment Diagram for Credit Card Processing System

The nodes included in the card processing system deployment diagram are represented by boxes. These boxes are labeled as software or hardware that specifies the included components to carry out the credit card processing. The boxes will then be connected and labeled to declare the type of connection they have with the other components.

Deployment Diagram for Credit Card Processing System in UML

The core functions of credit card processing are contained in the Credit Card Processing System. This system makes use of server hosting to hold the software and its database.

The function modules are Using the "Process Credit Card" option in the Global menus, payments can be quickly collected from both the Invoice and Accounts Receivable modules. Users are requested to submit credit card information, and a posted Cash Receipt record is created once the transaction is finished.

The system's job is to allow merchants to deliver batches of approved transactions to their payment processor. The payment processor sends transaction information to the card associations, who then relay the required debits to the network's issuing banks. The transaction amount is charged to the cardholder's account by the issuing bank.