**Sequence Diagram:** The sequence diagram illustrates the interaction between objects in the system for key processes such as user authentication.

metin, ekran görüntüsü, diyagram, çizgi içeren bir resim

Yapay zeka tarafından oluşturulan içerik yanlış olabilir.

@startuml

actor User

participant "InventoryApp" as App

participant "Inventory" as Inv

participant "Database" as DB

User -> App: Login()

App -> Inv: authenticate(username, password)

Inv -> DB: SELECT username, password FROM users

DB --> Inv: Return user data

Inv --> App: Authentication result

App --> User: Display login success/fail

@enduml