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Experiment 8

Aim: To draw the structural view diagram: Package diagram

Description:
The ATM Banking System package diagram represents the interconnections between various functionalities such as bank management, customer management, and ATM management.

Packages and Relationships:

The package diagram consists of the following key components:

1. **Bank Management**

   - Represents the overall banking system.
   - It has a dependency on the **Customer Management** package, indicated by the <<use>> relationship.
   - It also imports components from **ATM Management**, indicated by the <<import>> relationship.

2. **Customer Management**
   - Handles customer-related operations such as account management and transaction tracking.
   - It is utilized by **Bank Management** (<<use>> relationship).
   - It accesses **ATM Management** functionalities, indicated by the <<access>> relationship.

3. **ATM Management**
   - This package is responsible for handling ATM-related transactions.
   - It includes sub-packages representing different ATM functionalities:
     - **Withdrawal** – Handles cash withdrawal transactions.
     - **Deposit** – Manages deposits made by customers.
     - **Enquiry** – Allows customers to check their account balance and transaction details.
     - **Statement** – Generates transaction statements for customer accounts.

Relationships :

- <<use>>: Indicates that the **Bank Management** package relies on the **Customer Management** package for certain functionalities.
- <<import>>: Suggests that the **Bank Management** package imports elements from **ATM Management**, meaning it requires ATM-related components for integration.
- <<access>>: Represents that **Customer Management** has access to **ATM Management**, which allows it to interact with ATM functionalities.

Package diagram: