

**Bank Management System**

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* **Bank Management System - User Roles and Permissions :**

1. **Customer** :

* The customer can perform the following operations :
* **Deposit funds**: Add money to their bank account.
* **Withdraw funds**: Remove money from their bank account.
* **View transaction log**: Access a record of their past transactions, including deposits and withdrawals.

1. **Teller** :

* The teller has all the permissions of a customer, plus additional capabilities:
* **Add a customer**: Register a new customer in the system.
* **Close a customer account**: Terminate a customer’s account.
* **View all customers**: Display the list of all registered customers.
* **Edit customer information**: Modify details related to customers.
* **Manage customer loans**: Add loan details to a customer’s account.
* **Edit teller information**: Make changes to the details of fellow tellers.

1. **Manager** (Teller) :

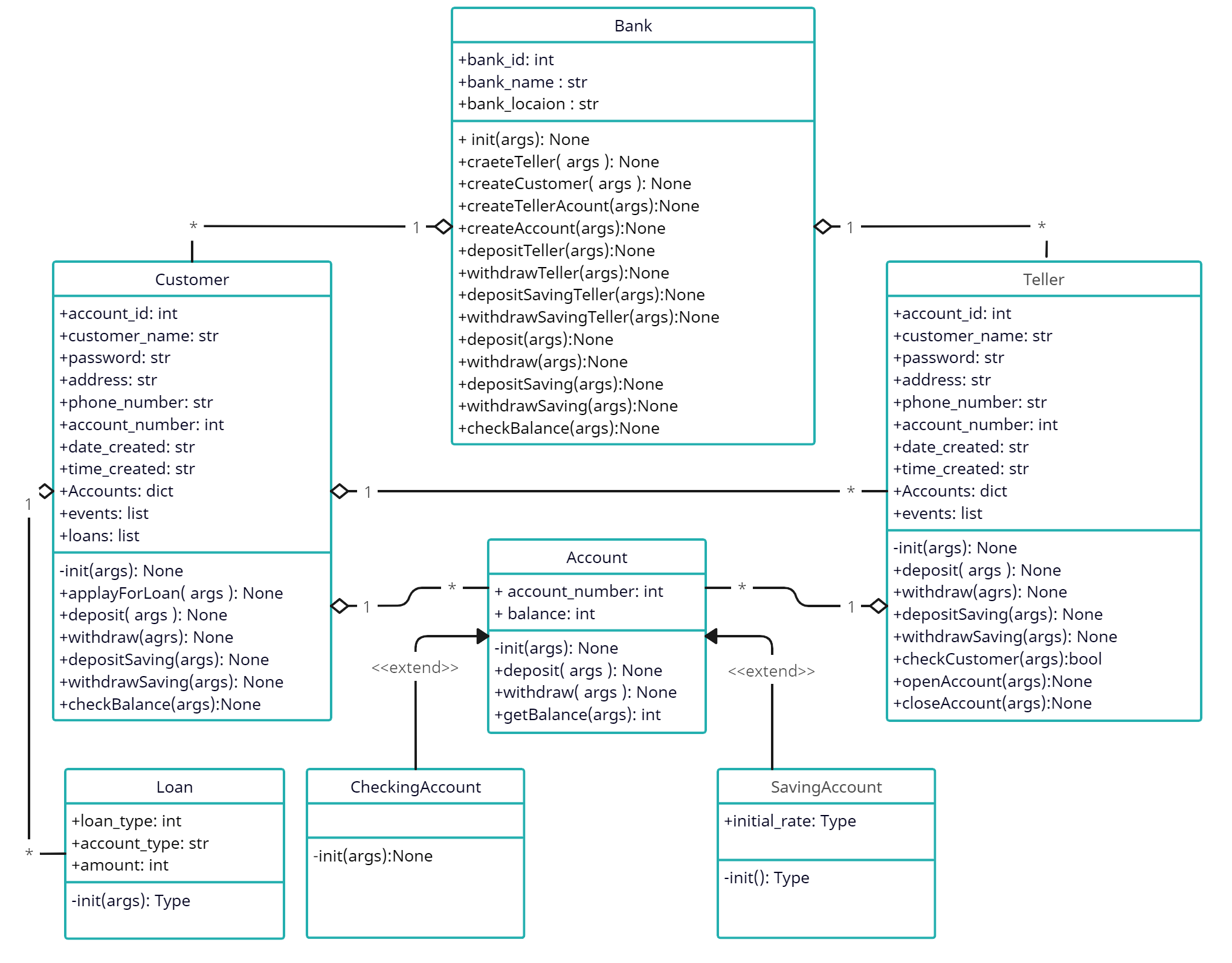
* The manager has all the permissions of a teller, with added management functions:
* **Edit teller details**: Modify the information of any teller.
* **Add a teller**: Register a new teller in the system.
* **Deposit/withdraw in teller accounts**: Perform transactions on teller accounts.
* **Full administrative access**: Can carry out all teller operations and manage tellers' data.
* **Bank Accounts default :**
  + Manager :
    - Name => Omar Ibrahim
    - Password => 6060
    - Account number => 1020
* Tellers :

1. Teller 1 :
   * + Name => Mohammed
     + Password => mohammed\_123
     + Account number => 1010
2. Teller 2 :
   * + Name => Ahmed
     + Password => ahmed\_123
     + Account number => 1030

* Customers :

1. Customer 1 :
   * + Name => Ahmed Ibrahim
     + Password => 14015016
     + Account number => 1219
2. Customer 2 :
   * + Name => Abdo Ibrahim
     + Password => 522522
     + Account number => 1211

* **Bank OOP Diagram :**



* **Gui Diagram :**

