You are tasked with building a simple banking system where a customer can:

1. Deposit money into their account.
2. Withdraw money from their account (provided they have sufficient balance).
3. View a list of all their past transactions.

**Requirements:**

* Create a MySQL database called banking\_system with the following tables:
  1. customers: Contains details of the customers (customer\_id, name, email, balance).
  2. transactions: Contains transaction details (transaction\_id, customer\_id, amount, transaction\_type, transaction\_date).

Where:

* 1. transaction\_type can be either "deposit" or "withdrawal."
  2. amount is the value of the transaction.

**Tasks:**

1. **Deposit Money**: Write a PHP script that takes a customer’s ID and deposit amount as input. The script should:
   * Update the customer’s balance.
   * Insert a record into the transactions table with the details of the deposit.
2. **Withdraw Money**: Write a PHP script that takes a customer’s ID and withdrawal amount as input. The script should:
   * Check if the customer has sufficient balance. If not, return an error.
   * If sufficient, deduct the amount from the customer’s balance.
   * Insert a record into the transactions table with the details of the withdrawal.
3. **View Transactions**: Write a PHP script that allows the customer to view all their past transactions. The script should:
   * Display the list of all transactions (deposits and withdrawals) for the customer.
   * Include transaction date, type (deposit or withdrawal), and amount.

Table:

* Customers
* Transactions