

Banking System Function Specification

Function	Description
Create employee	<p>Input: Name,</p> <p>Processing::</p> <ol style="list-style-type: none"> 1. Level default to 'employee' 2. System generates employee id 3. Create a new record with specified information in table employee <p>Output Display employee_id or error message</p>
Create manager	<p>Input: Name, project</p> <p>Processing::</p> <ol style="list-style-type: none"> 1. Level default to 'manager' 2. Project default to 'Mis' 3. Create a new record with specified information in table employee 4. System generates employee id <p>Output Display employee_id or error message</p>
Create customer	<p>Input: Name, Address</p> <p>Processing:</p> <ol style="list-style-type: none"> 1. Make sure (Name, address) is not duplicate with existing customer 2. System generates an customer id 3. Create a new record and save the relevant information in table customer. <p>Output Display customer id or error message</p>
Create checking or saving account	<p>Input: customer_id, balance, interest_rate</p> <p>Function:</p> <ol style="list-style-type: none"> 1. System generate account id (using sequence) 2. Generate account_no based on account_id: Checking accounts: $\text{account_no} = 20000 + \text{account_id}$ Savings :啊count: $\text{account_no} = 30000 + \text{account_id}$ 3. Set account type as 'checking' or 'savings' 4. Create a new record and save the relevant information in table bankaccount 5. Setup customer, account association: create a record with reelevant information in table ass_customer_account <p>Output: Display account no or error message</p>
Withdraw from account	<p>Input: account_no, amount</p> <p>Function:</p> <ol style="list-style-type: none"> 1. Make sure account_no existing and amount >0

	<ol style="list-style-type: none"> 2. Withdraw money from the account (update bankaccount table by modifying account balance) . If amount>account balance, the actual amount is the account balance. 3. Create a record in in table acc_transaction: type = 'withdraw' <p>Output: confirmation with actual amount withdrawn or error message</p>
Deposit to account	<p>Input: account_no, amount</p> <p>Function:</p> <ol style="list-style-type: none"> 1. Make sure account_no existing and amount >0 2. Deposit money to account – update bankaccount table by modifying account balance 3. Create a transaction record in table acc_transaction: type = 'deposit' <p>Output: confirmation with amount deposited or error message</p>