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| **Use Case Name** | Manage Payroll | |
| **Scenario** | Customer wants to manage payroll | |
| **Triggering Event** | Customer contact customer service to manage their payroll | |
| **Brief Description** | Customer can provide an excel file which can be used by the customer service to generate many payrolls at a time.  Customer can also generate a single payroll. | |
| **Actors** | Customer service | |
| **Related Use Cases** | * Create payroll * Create payrolls from excel * Verify customer legitimacy | |
| **Stakeholders** | Customer, Manager, Finance Team | |
| **Precondition** | Customer must be a business owner | |
| **Postcondition** | Payrolls are generated | |
| **Flow of Events** | **Customer Service** | **System** |
| a.1. Input account number destination  a.2. Input payroll amount  a.3. Press "Submit" button  b.1. Choose excel file  b.2. Press "Submit" button | a.3.1. Reduce customer's balance  a.3.2. Increase destination account number balance  b.2.1. Begin DB transaction  b.2.2. Begin loop through every row in excel  b.2.3. Reduce customer's balance  b.2.4. Increase destination account number balance  b.2.5. End loop  b.2.6. Save transaction  b.2.7. End DB transaction |
| **Exception Condition** | a.1. Account does not exist, try again  a.1. Account is blocked, try again  a.1. Account is closed, try again  a.2. Payroll amount is not a number, enter a number  a.3.1. Customer has insufficient balance, try again  b.1. File does not exist, choose another file  b.1. File is not an excel file, try again  b.1. Excel file format is wrong, try again  b.2.3. Customer has insufficient balance, try again  b.2.7. Error occurred in the transaction, rollback and try again | |