USE CASE DETAILED DESCRIPTION

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| Use Case name | Generate employee salary reports | |
| Scenario | Generate the employee salary reports on a fixed date of the month | |
| Triggering event | “End of month” | |
| Brief Description | At the end of the month the system connects to the employee database, retrieves the data from the employee accounts, Calculates the salary accordingly, Create new salary reports separately as per the number of employee accounts, Verify the salary payments, Record the payments in the database | |
| Actors | Manager/Administrator | |
| Related use cases | Validate employee account <<includes>>  Check for additional payments(new year allowance etc.) <<includes>> | |
| Stakeholders | Manager: To verify the income of the business per month | |
| Preconditions | When a new employee is recruited, a new account is created to the employee with all the information needed  Accounts must be up to date with the working days of the employees  When an employee is vacated the account should be deleted.(hence the number of employees = number of employee accounts in the system) | |
| Post conditions | The salary payment should be done within 24 hours after the report has been generated.  Record the payments in the database | |
| Flow of events | Actor   1. Administrator sets a date to generate the employee salary reports | System   1. Connects to an employee account 2. Retrieves the data(Name, month, no. of worked days etc.) from the employee account 3. a.) If the employee has taken more holidays than allowed, then calculate the salary according to the information from the employee account   b.) If the employee has not taken any holidays do not process any calculations   1. if an employee has taken a loan/ an advance payment deduct it from the calculated salary 2. Check for the additional payments and amount to be paid at the end 3. Generate the employee salary report and display it 4. Repeat step 2,3,4,5 as per the no. of employee accounts in the system 5. System indicates the end of the process |
| Exception conditions | * 1. if an employee has worked more than the allowed work days, notify the manager before generating the salary report | |