Use Case Name: "Process Payroll for employees"

Brief Description: This complex use case describes how the "Finance Manager" (Jie) processes the monthly payroll for employees at Antoine's Landscaping.

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| Use Case Name | Process Payroll for employees | | |
| Triggering Event |  | | |
| Brief Description | Finance Manager Jie processes the monthly payroll for employees at Antoine's Landscaping. | | |
| Actors | Finance Manager Jie | | |
| Related Use Cases |  | | |
| Preconditions | Jie is logged into the company's Payroll Processing System.  Employee records and wage information are up to date in the system. | | |
| Post Conditions | Payroll processing is completed, and employees receive their salaries. | | |
| Flow of activities | Actor | | System |
|  |  | Selects the option to process the monthly payroll | Displays a list of all employees along with their relevant wage details and prompts user to select an employee group. |
|  |  | Selects the employee group from employee group list | Displays employees working hours, overtime, and deduction fields for user to fill. |
|  |  | Fills working ours, overtime, and deductions for the selected employee group and saves the groups payroll. | Verifies the entered information, calculates the earrings based on their wage, hours worked, and any aplicable bonuses. Displays the calculated areas and prompts for confirmation. |
|  |  | Confirms to save | Saves the current groups information and prompts user to choose next group to process **or** save and exit to contunie later **or** save and push to server after completion of payroll process for all groups. |
| Loop |  | Selects the option to process the monthly payroll untill all employee groups are done or saves and exits to complete later. | Generates a payroll report that summarizes the earnings and deductions for each employee group. Prompts user to review and confirm report. |
|  |  | Reviews the payroll report for accuracy and confirms that the calculated amounts match the expected payments. | Records the payroll report, including the amounts that will be paid to each employee. |
| Exception Conditions | Jil cancels the processing the payroll. | | |