

Online Employee Management System**Group Number: SE/OOP/B10/G12****Batch: Y2.S1.10.1****Group Details:**

	Student Registration Number	Student Name
1	Sanduni Madara P.G	IT19392172
2	Nimsara S.J.J.C	IT19365374
3	Alaharuwan S.S	IT19754826

Individual contribution: -

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1	Sanduni Madara P.G	IT19392172	
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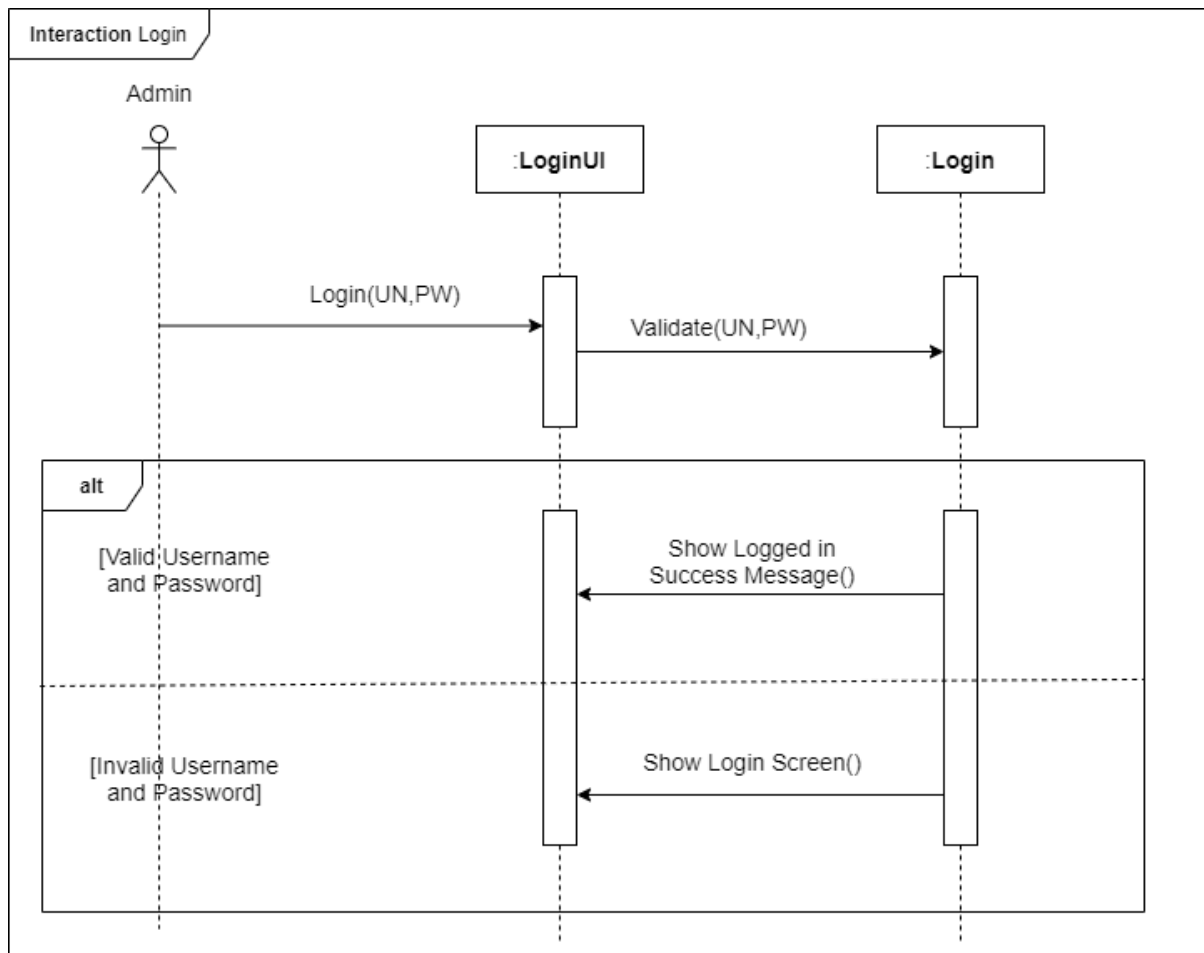
Use case scenario: -

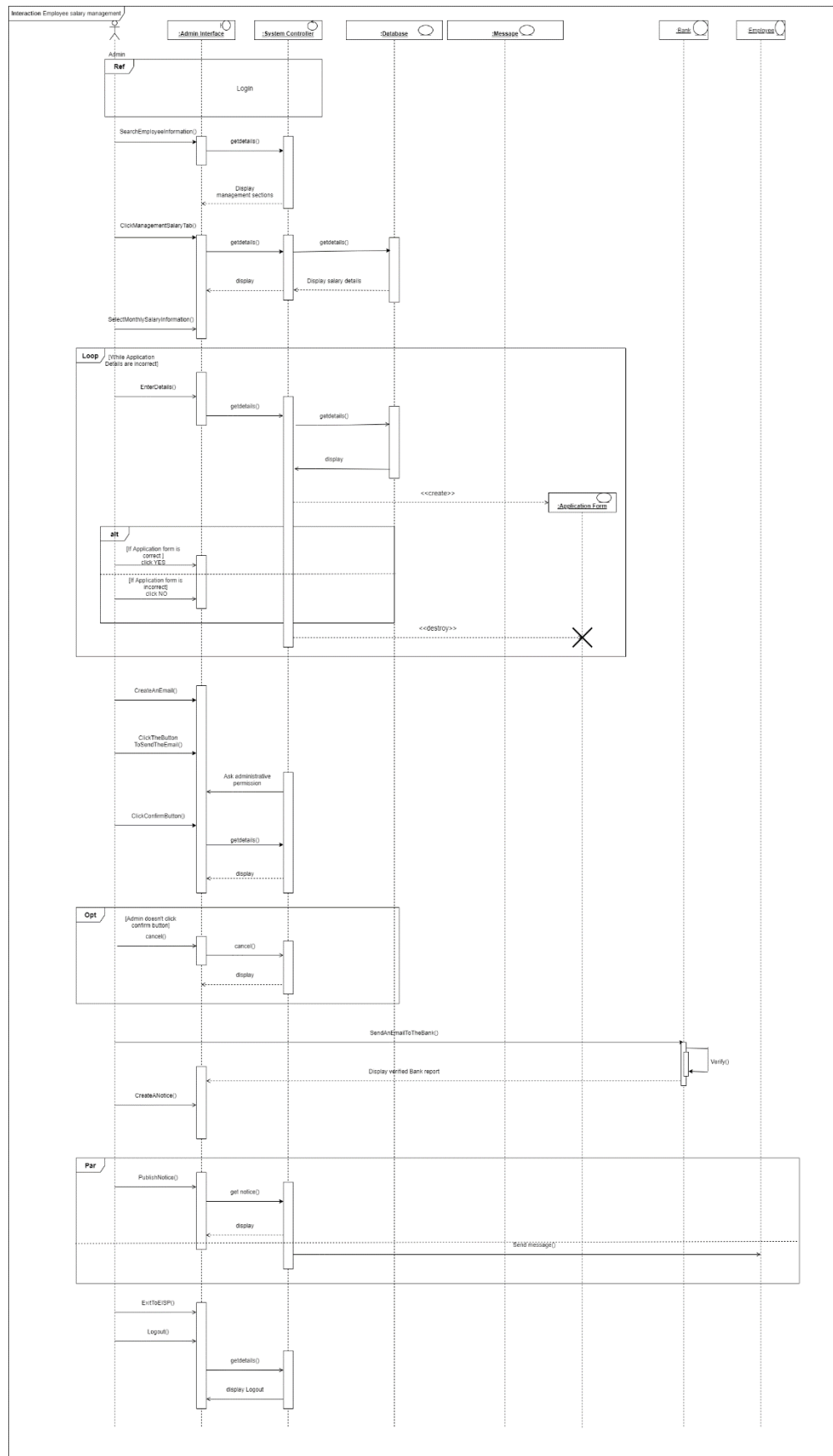
Use case ID	UC001	
Name	Manage Employee Salaries	
Priority	5	
Primary Actor(s)	Admin	
Pre-Conditions	<ul style="list-style-type: none"> Admin should be logged into the system. Employee details should be added to the main system. 	
Post-Conditions	<ul style="list-style-type: none"> Employees can be able to get their salary with a secured system. 	
Secondary Actor(s)	Bank, Employee	
Main Success Scenario	Step	Action
	1	Admin enters login credentials to the system.
	2	System validate login credentials.
	3	Enter to the Admin Section and Click Manage Employee Information tab.

	4	System shows Employee Information Section Page (EISP).
	5	Go to the Salary Management tab.
	6	Create the Monthly Salary Application form by using Employee details and The Attendance report.
	7	System generates a re-check option to check the Salary Application
	8	System asks Administrative permissions to confirm for sending email.
	9	Send an email with the attachment of Monthly Salary Application to the Bank.
	10	Verified Bank Report submit to the system.
	11	Create a notice about Salary Application form and the Bank report.
	12	Publish it on the Employee user account notices section.
	13	Admin exit to the EISP and logged out from the system.
	14	System display “Logged out” message.
Extensions	1.a	If Admin enters incorrect username or password system shows error message and prompt re-enter credentials.
	7.a	If Application is correct, system will move on to the confirmation process.

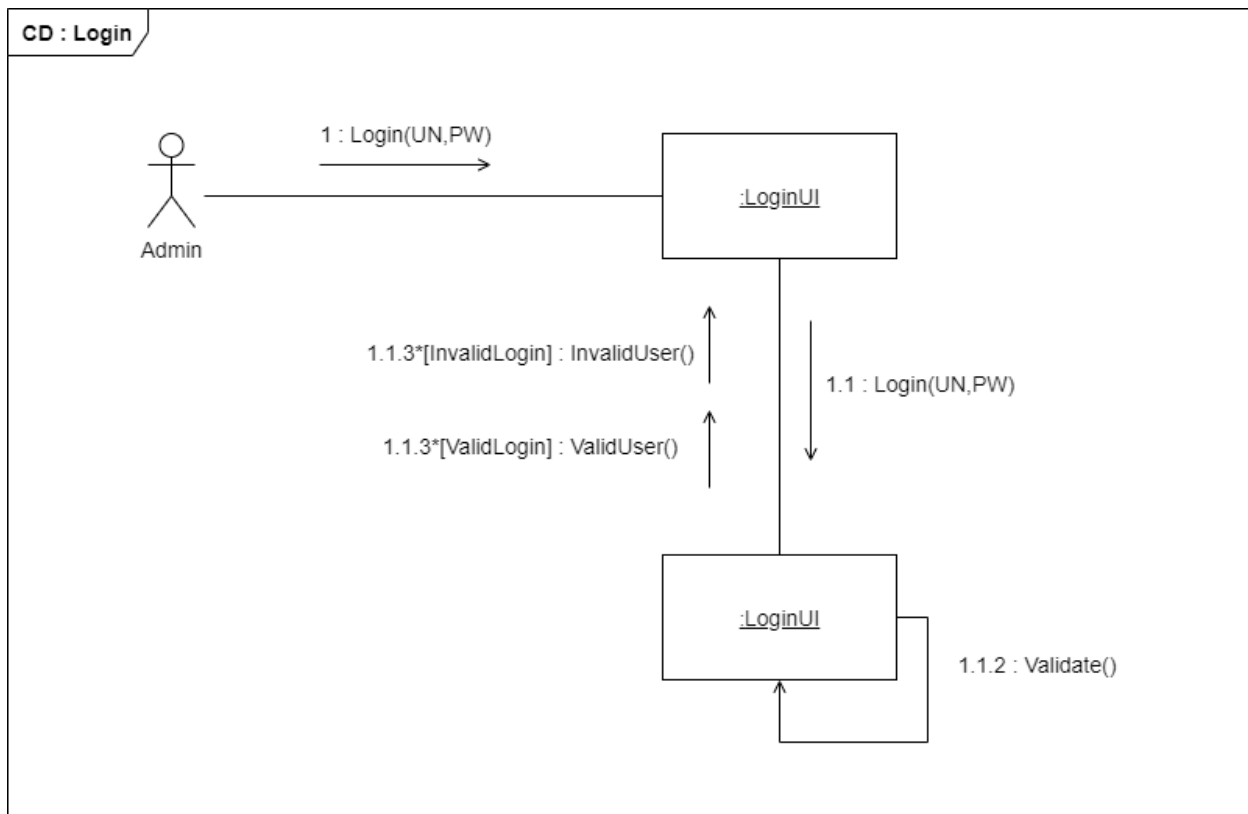
	7.b	If Application is incorrect, System destroy the application and need to provide details again.
	8.a	If admin did not confirm the email as an administrative permission, System will cancel the process. (Bank report is a sensitive and secured content)
	8.b	System shows the Salary Application in the Admin Interface.
	10.a	Bank verify the Salary Application.
	10.b	Verified Bank report send to the admin.
	12.a	System will send a message to all employees to inform about notice.

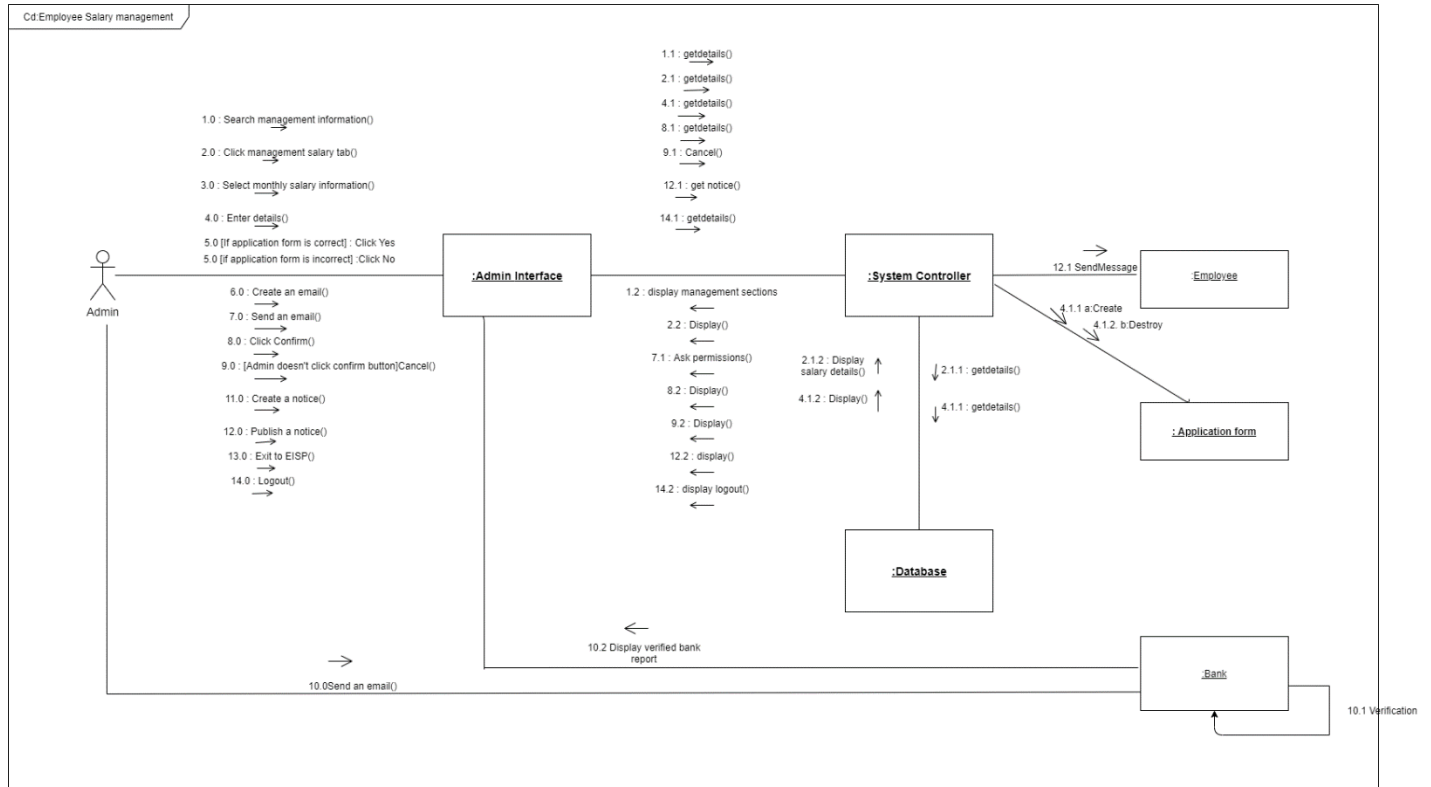
Sequence diagram: -





Communication diagram: -



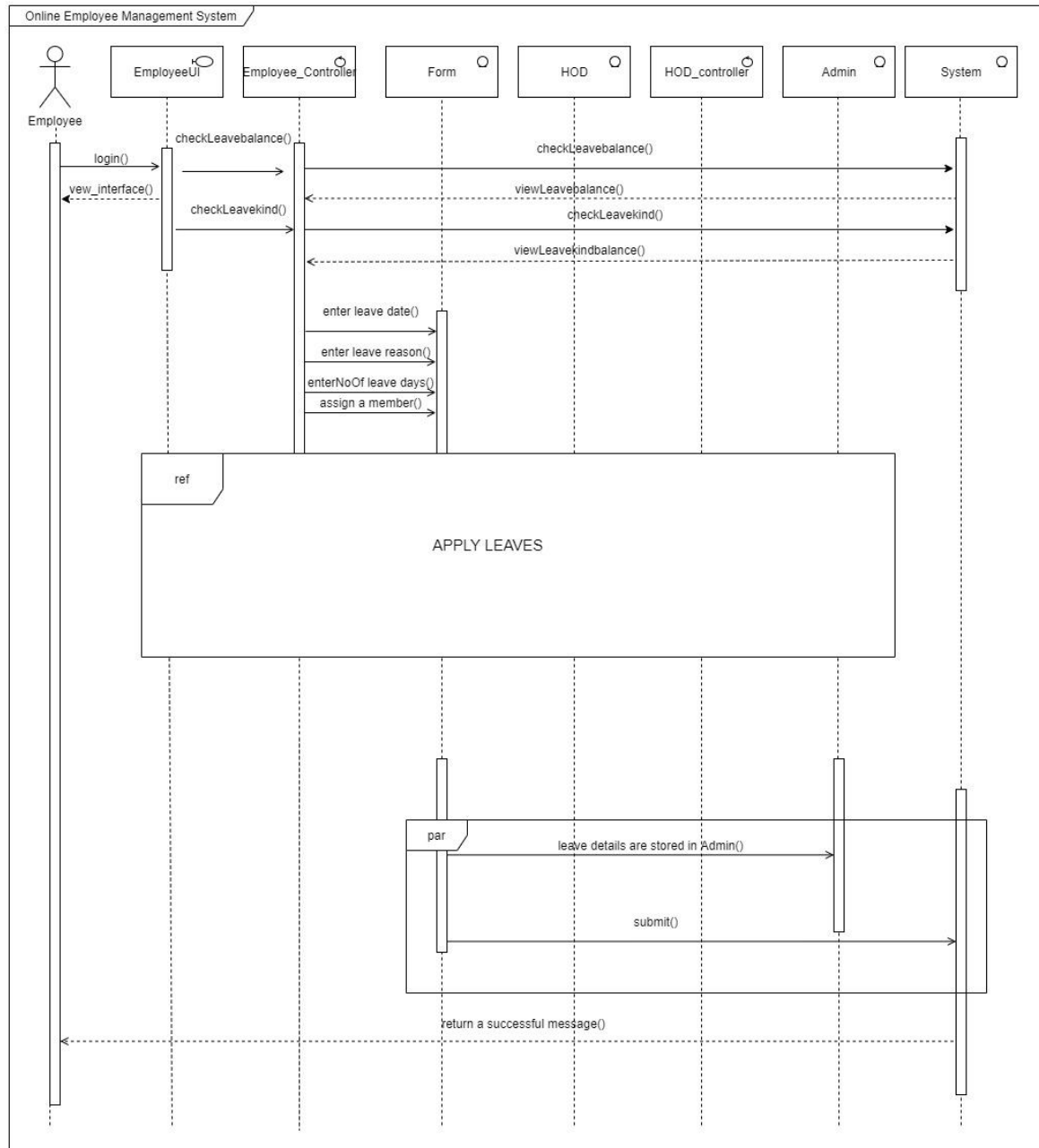


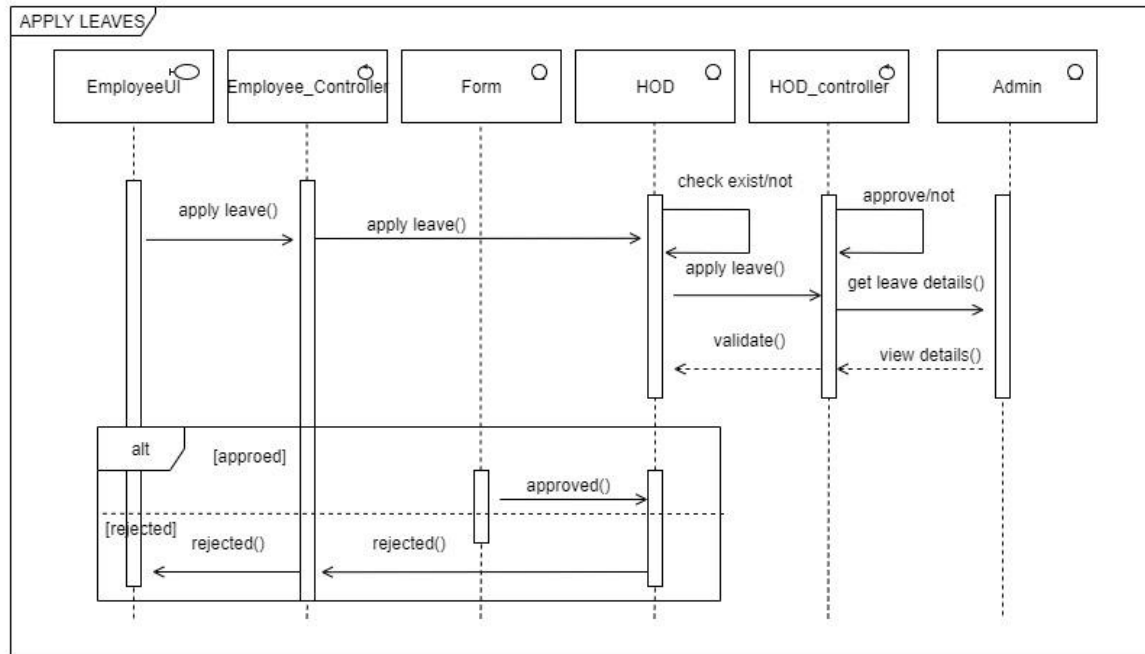
Sanduni Madara P.G - IT19392172

Use case scenario: -

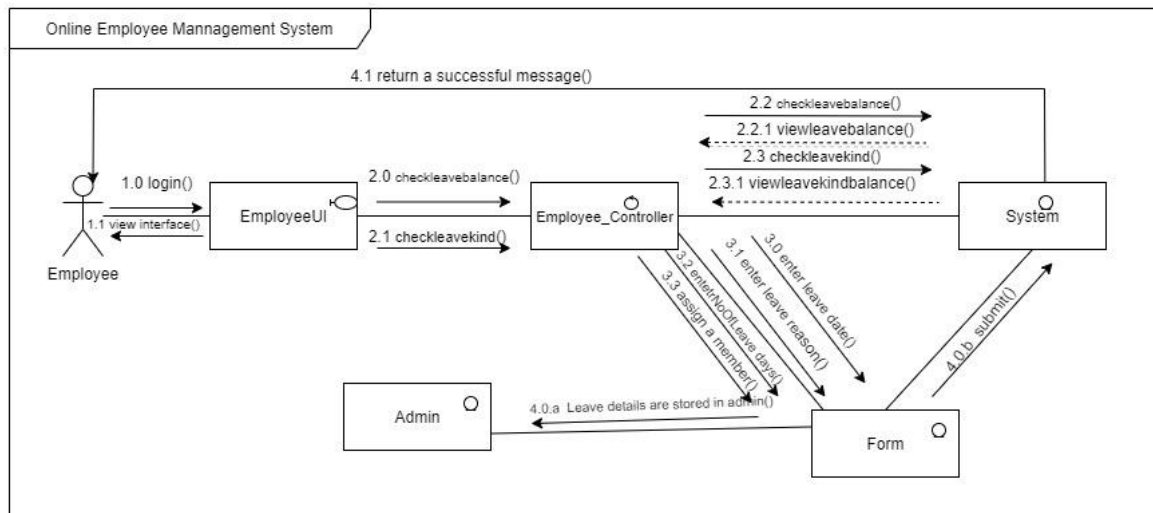
Use case ID:	02
Use case Name:	Apply leave
Summary	Employee gives a leave request
Actors:	Employee
Priority	
Pre-conditions	The employee must be a member and must be logged in to the system.
Post condition	The leave request is recorded in the database.
Main Scenario	<ol style="list-style-type: none"> 1. Employee logged in to the employee interface. 2. System displays the employee interface. 3. The leave request menu displayed on the system. 4. Checks the available leave details. 5. Checks the kinds of leave details. 6. The employee applies for leave and the form is displayed. 7. The employee first enters the leave apply date. 8. Then the reason for the leave will be entered. 9. The number of leave days are also being entered. 10. Then the employee assigns a member to his/her duty on that day. 11. Employee asks for the approval of the leave from the Head of the Department (HOD). 12. Click send button. 13. The leave request is sent successfully message is displayed.
Extensions	<p>4a) Employee must exist in the system.</p> <p>6a) If the employee has already taken all the leaves for a month, the system informs that he/she can't take a leave.</p> <p>8a) If the HOD has not given the leave approval, leave is cancelled.</p> <p>9a) If the employee does not fill the correct information in the form, an error message is displayed.</p>

Sequence diagram: -

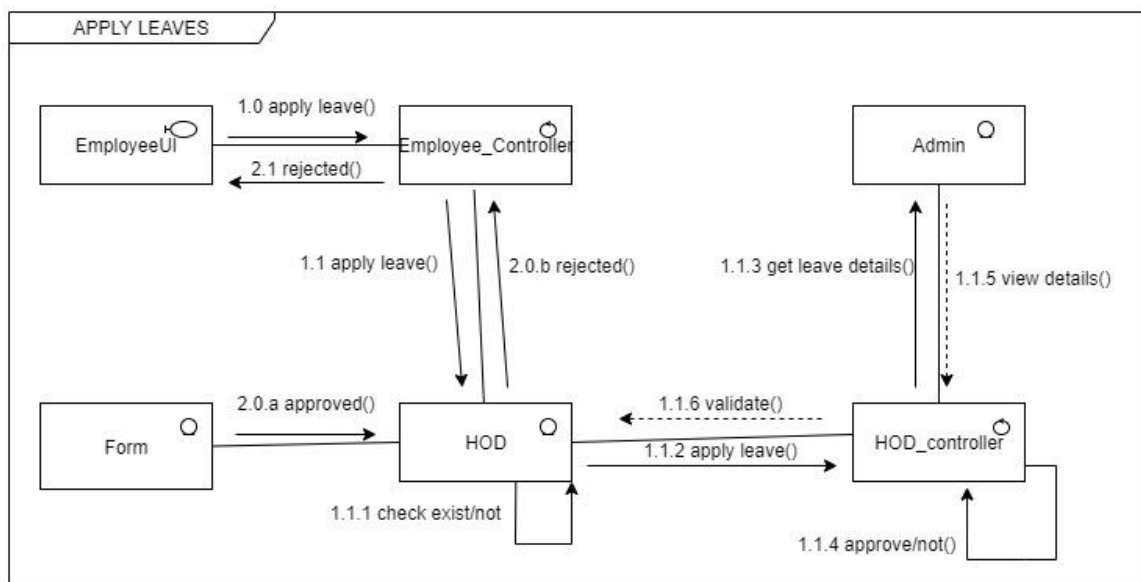




Communication diagram: -



Note: the ref part communication diagram is below

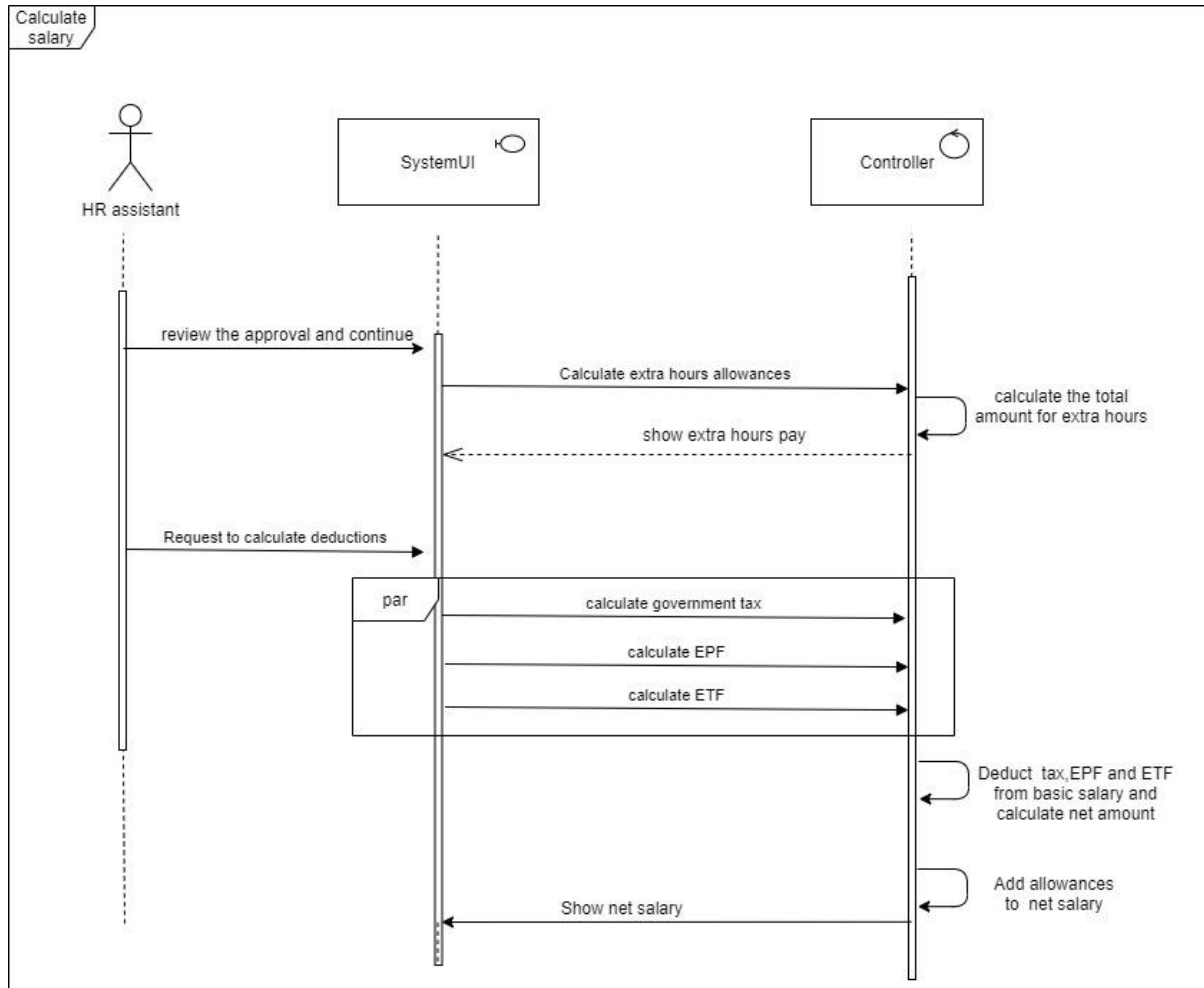


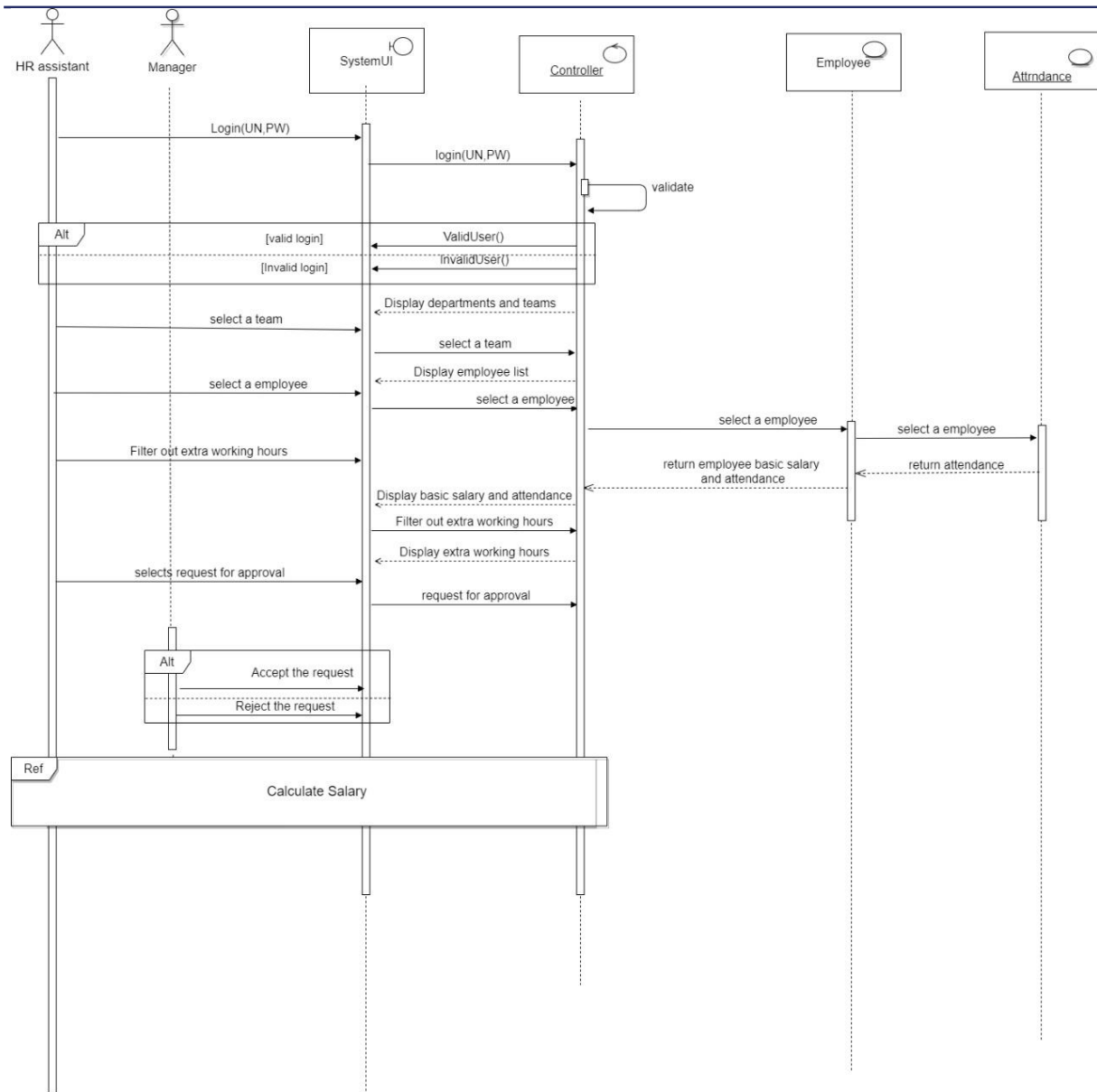
Alaharuwan S.S - IT19754826

Use case scenario: -

Usecase ID	03
Name	Calculate salary
Primary Actor	HR Assistant
Pre-Condition	Must have a user account and Privilege level access
Main Success Scenario	<ol style="list-style-type: none"> 1. Login to the system. 2. System show the departments. 3. Select the department. 4. System shows the all the teams under that department. 5. Select a specific team. 6. System shows the all employees in that team. 7. Select the specific employee. 8. System shows the basic salary and attendance details of that employee. 9. Filter out the extra working hours. 10. Request approval for extra working hours form reporting manager of specific employee. 11. Manager approves the extra working hours. 12. Calculate the payments for extra working hours and add that to salary. 13. Deduct the Government taxes. 14. Deduct EPF AND ETF from the salary. 15. Calculate net salary.
Extension	9a. Manger decline the request.

Sequence diagram: -





Communication diagram: -

