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IT2020 – Software Engineering

Year 2 - Semester I (June) - 2021

Online Event Management System

Group Details

Batch:

SE/OOP Group Number:

	Student Registration Number	Student Name
1		
2		
3		
4		

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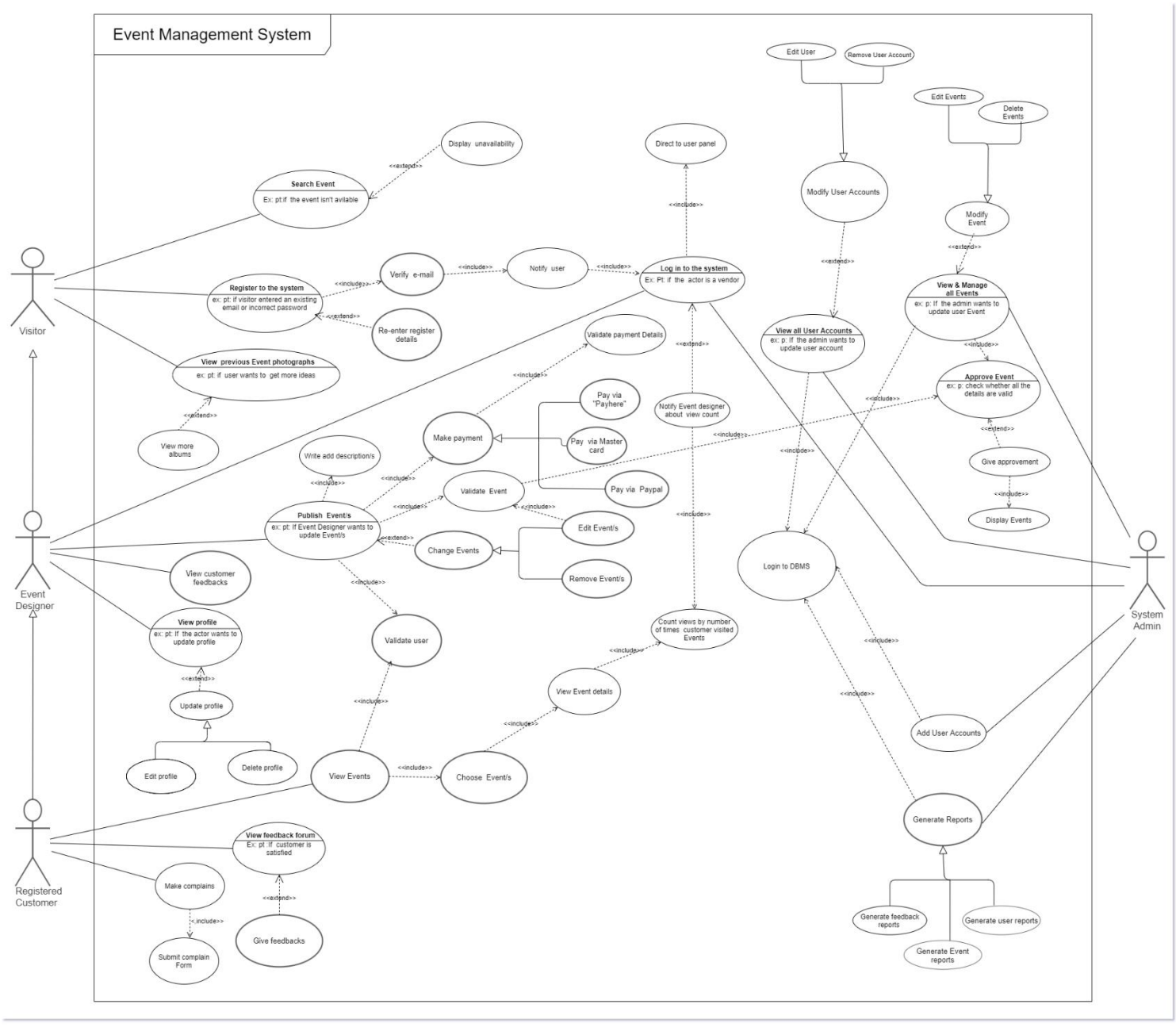
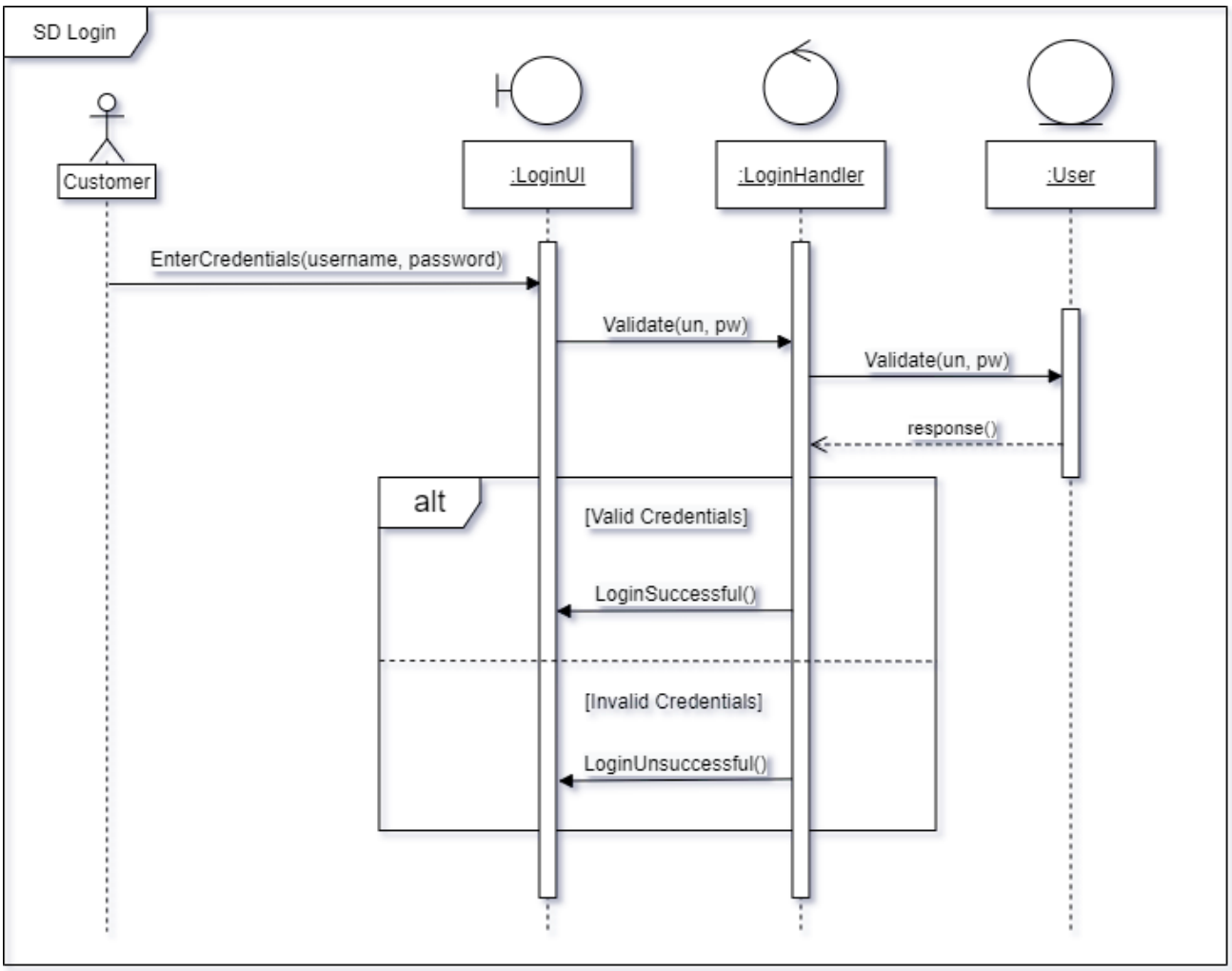
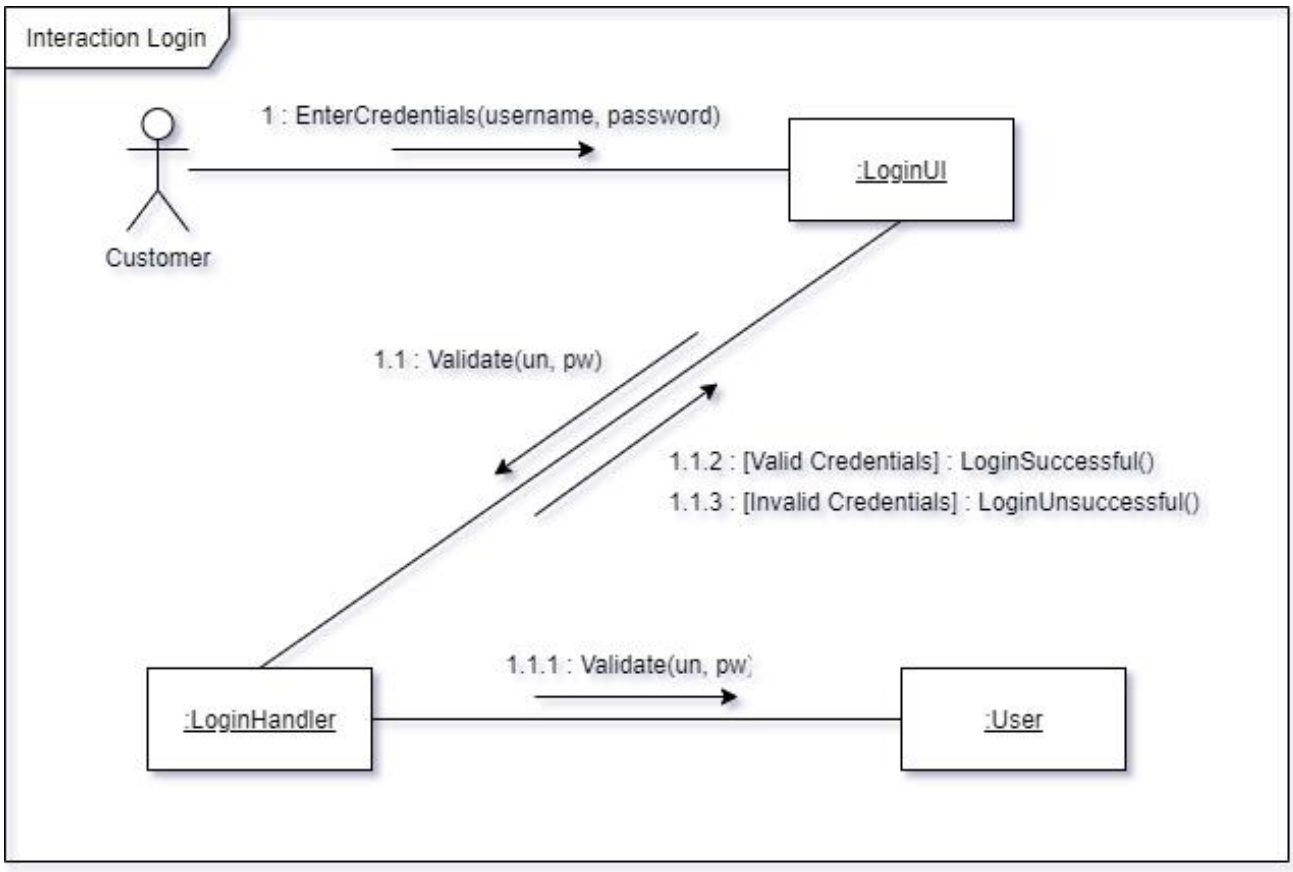
Use Case Diagram



Use Case ID	1
Use Case Name	Login
Primary Actor	Registered Customer
Pre-Condition	Should have created an account.
Main Success Scenario	1. Customer enter login credentials(username,password) to the system. 2. The username(un) and password(pw) is validated by the system. 3. System prompts 'LoginSuccessful' Message.
Extension	2a. When un and pw is incorrect the system will show 'LoginUnsuccessful' Message asking customer to re-enter login credentials
Post-Condition	Customer successfully logged into the system.


SD Login
Customer
:LoginUI
:LoginHandler
:User
EnterCredentials(username, password)
Validate(un, pw)
Validate(un, pw)
response()
alt
[Valid Credentials]
LoginSuccessful()
[Invalid Credentials]
LoginUnsuccessful()


Interaction Login
1 : EnterCredentials(username, password)
Customer
:LoginUI
1.1 : Validate(un, pw)
1.1.2 : [Valid Credentials] : LoginSuccessful()
1.1.3 : [Invalid Credentials] : LoginUnsuccessful()
1.1.1 : Validate(un, pw)
:LoginHandler
:User

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Use Case ID	2
Use Case Name	Event Selection (Organizing event)
Primary Actor	Registered Customer
Pre-Condition	Should be a registered customer.
Main Success Scenario	1. Include:: (login) 2. Customers choose the 'Event List' option. 3. The system shows options in the ‘EventList' section. 4. The customer chooses the necessary event. 5. The system navigates to the web page for the user-selected event. 6. The customer selects the 'Organize Event' option. 7. The system shows an event planning form (detail form). 8. The customer completes and submits the form. 9. Admin must validate the event planning form. 10. System prompt approval message. 11. The system creates and shows an event cost form. 12. The customer fills out an event cost form. 13. Admin validate event cost form. 14. Customer receives an email with the total cost of the event form from the system. 15. System displays payment form. 16. The customer fills and submits the payment form.

	17. The payment form is validated by the bank . 18. The payment approval status message is shown by the system. 19. Customer logout from the account.
Extension	9a. If the submitted event organizing form is unapproved, the system will send an email to the relevant customer & ask the customer to re-submit the form. 12a. Only if the terms and conditions are accepted by the customer, he/she can go onto submitting the event cost form.
Post-Condition	Event Organized.

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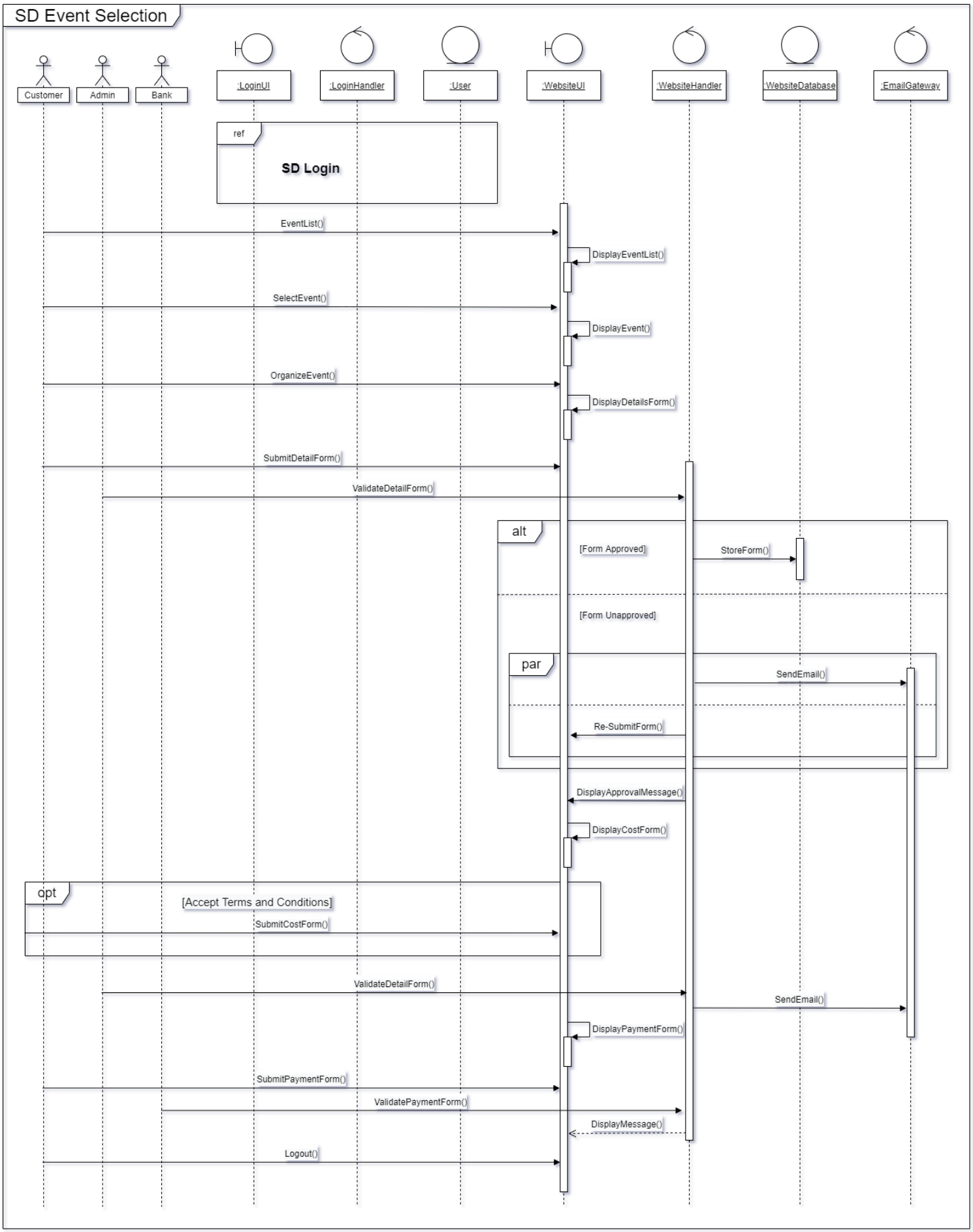

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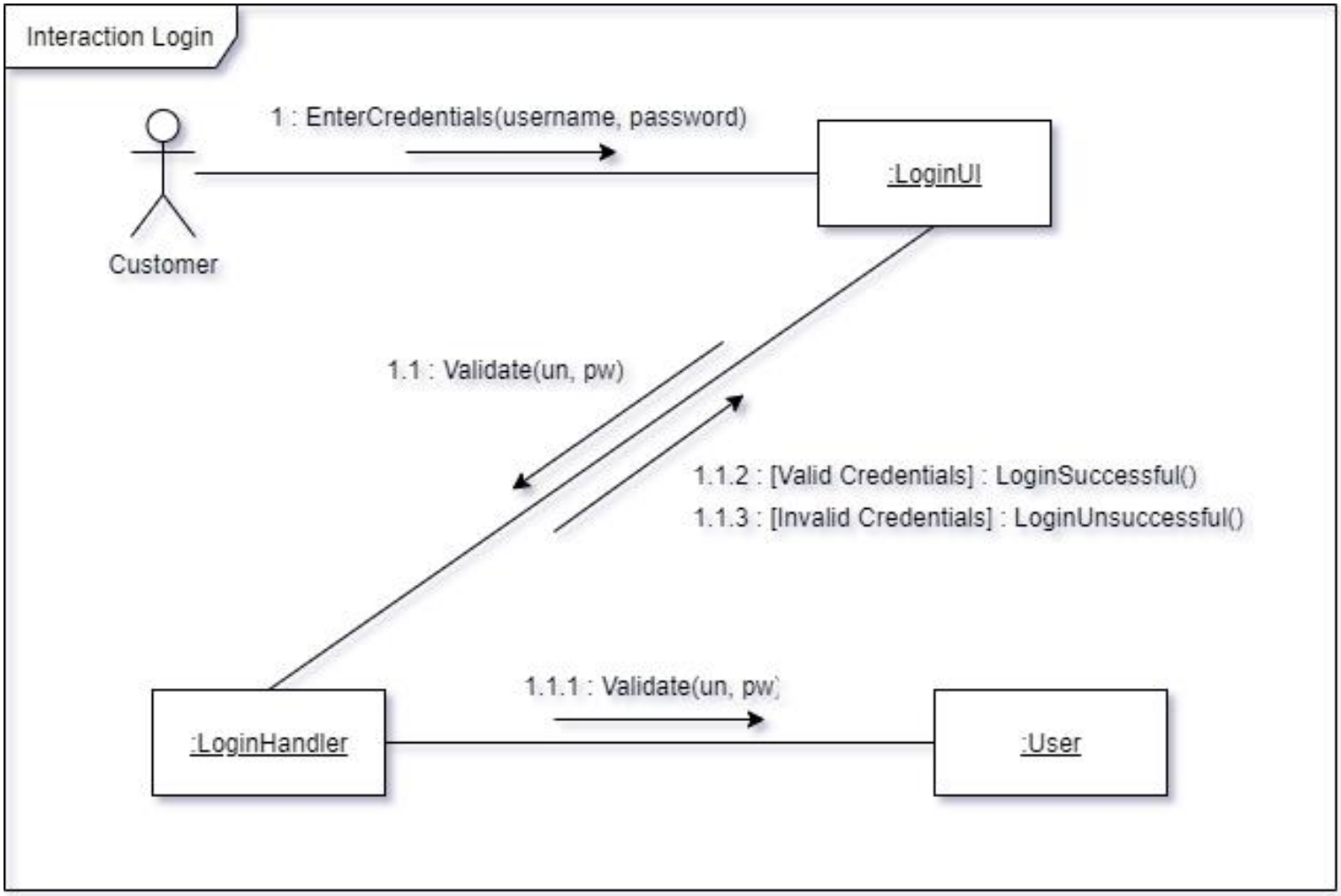

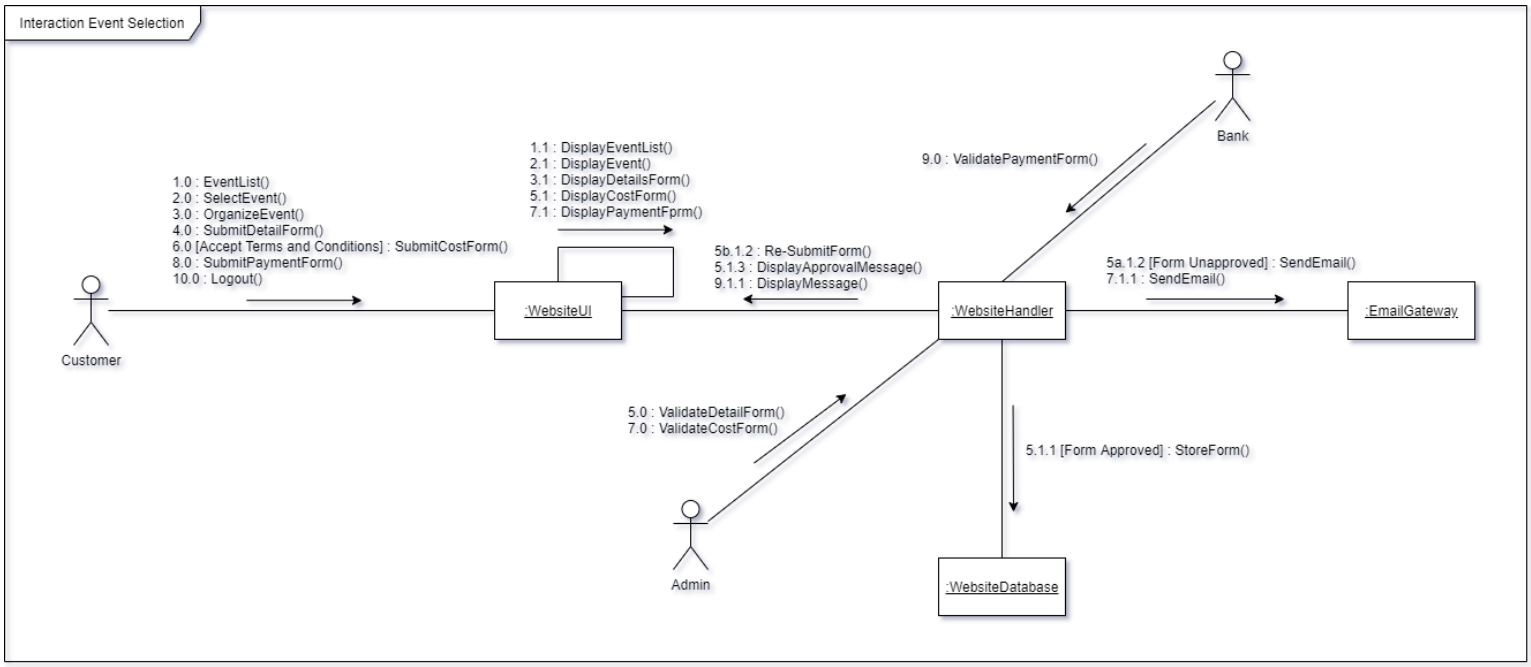

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Use Case ID	3
Use Case Name	Registering participants
Primary Actor	participant
Pre-Condition	Should be registered to the system
Main Success Scenario	1. Include :: Login 2. Enter to the home page 3.System navigate to the home page. 4. User clicks on the “event list” 5. System displays the details of the event 6. User click on the “add as participant” option 7. System directs to the participant form to the user. 8. The user enter the relevent information and fills out the Participation form and submits 9. Participation form details are sent to event organizer 10.The Event organizer look at the approves the participant’s details. 11.. System sends a successful registration message to user 12. User clicks on pay option which is on the notification 13.The System directs the payment form to the user 14. User fills and submit the payment form 15. System display payment successful message 16. System generates user profile with user details

	17. User profile is sent to the participant's account 18. Participant is updated to the event
Extension	10a.If event organizer rejects participant's details,cancel or re-registration 15a.If payment unsuccessfull ,display a error message

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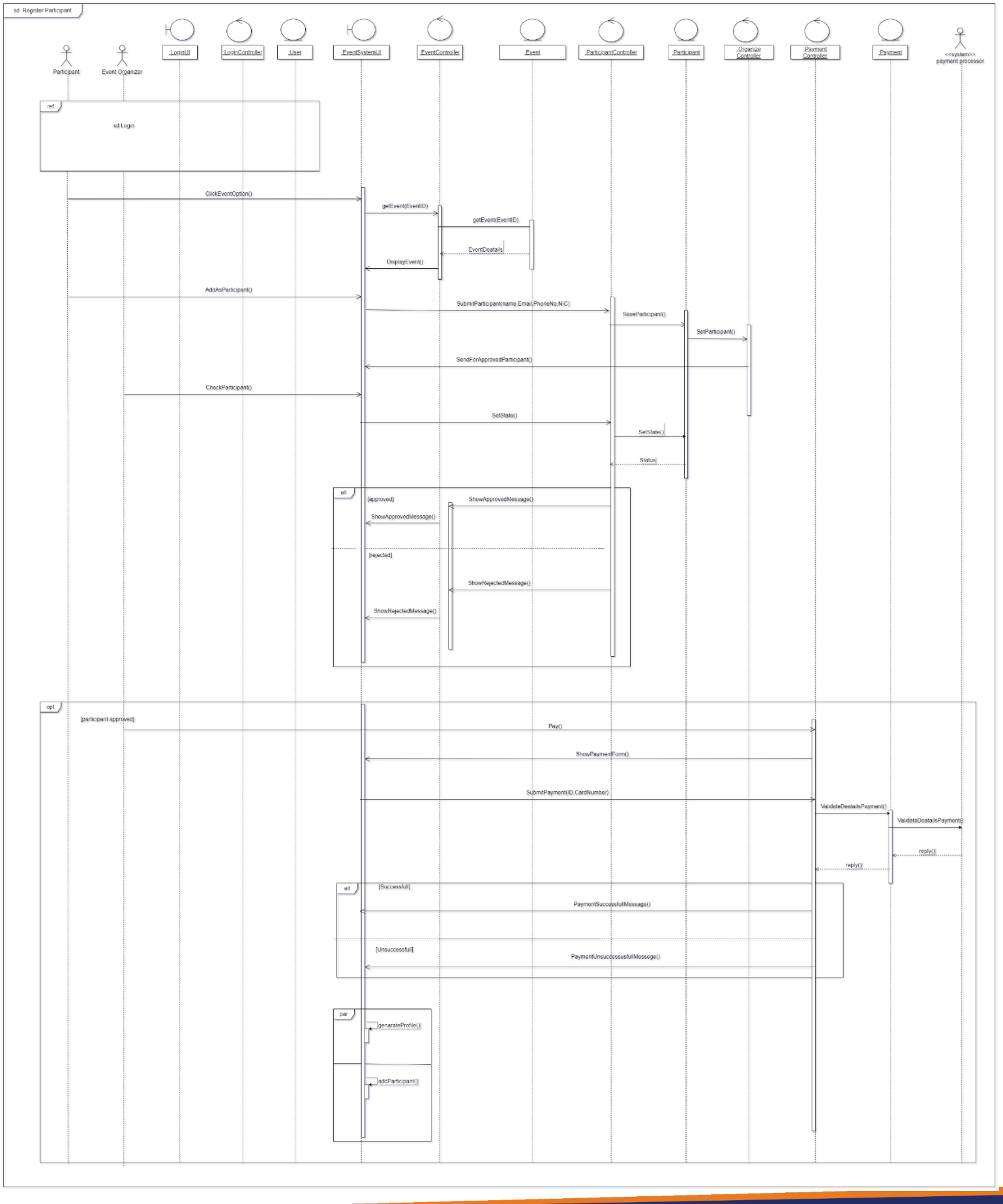

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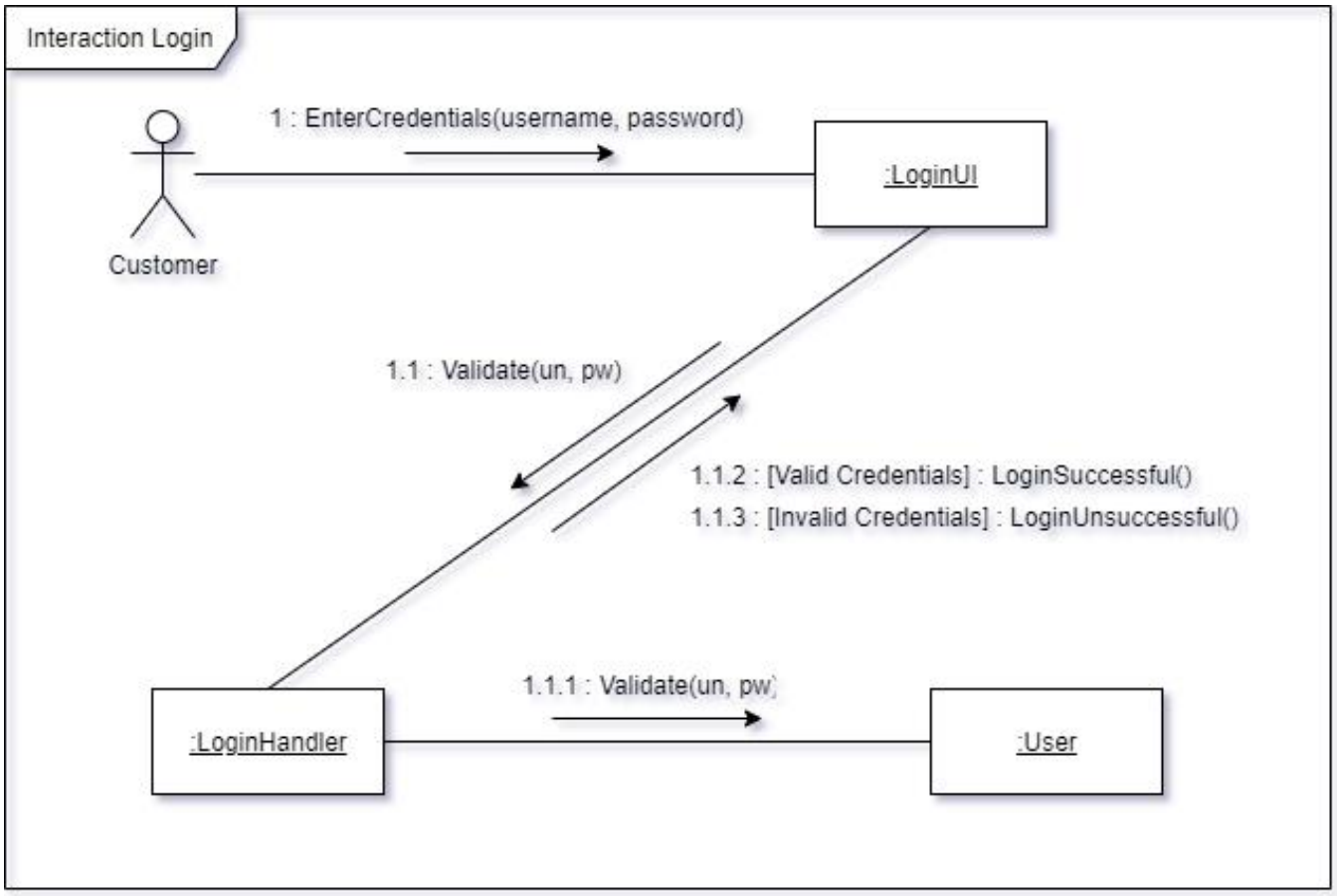

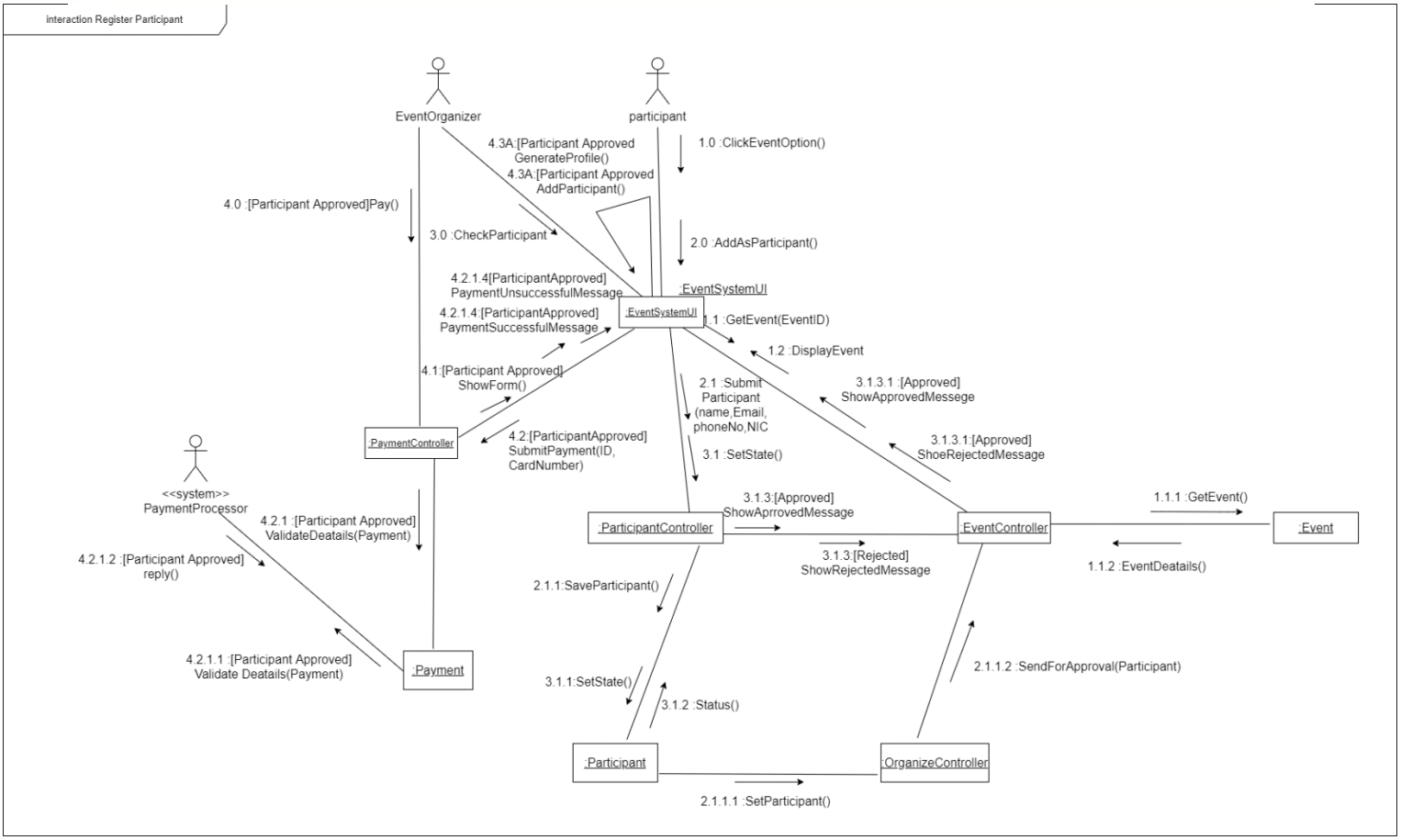

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Use Case ID	4
Use Case Name	Make complaints
Primary Actor	User
Pre-Condition	Login to system
Main Success Scenario	1. Include: Login 2. System redirect user to home page. 3. User clicks on the complaint tab. 4. System asks user to select the complaint Type. 5. User select complain type. 6. System displays a form regarding to he/she complaint category. 7. Users fill the form. 8. User clicks on the submit button 9. System displays “Is there any changes”. 10. System update in database and display a successful message. 11. System sends a mail to the admin.
Extension	9a. If user fails to provide enough details, system prompts an error message or cancel. b. If there any changes, system go back to form he/she can add more details or edit that complain and do it again. 10.a. If the user wants to make another complaint, system prompts the complaint type

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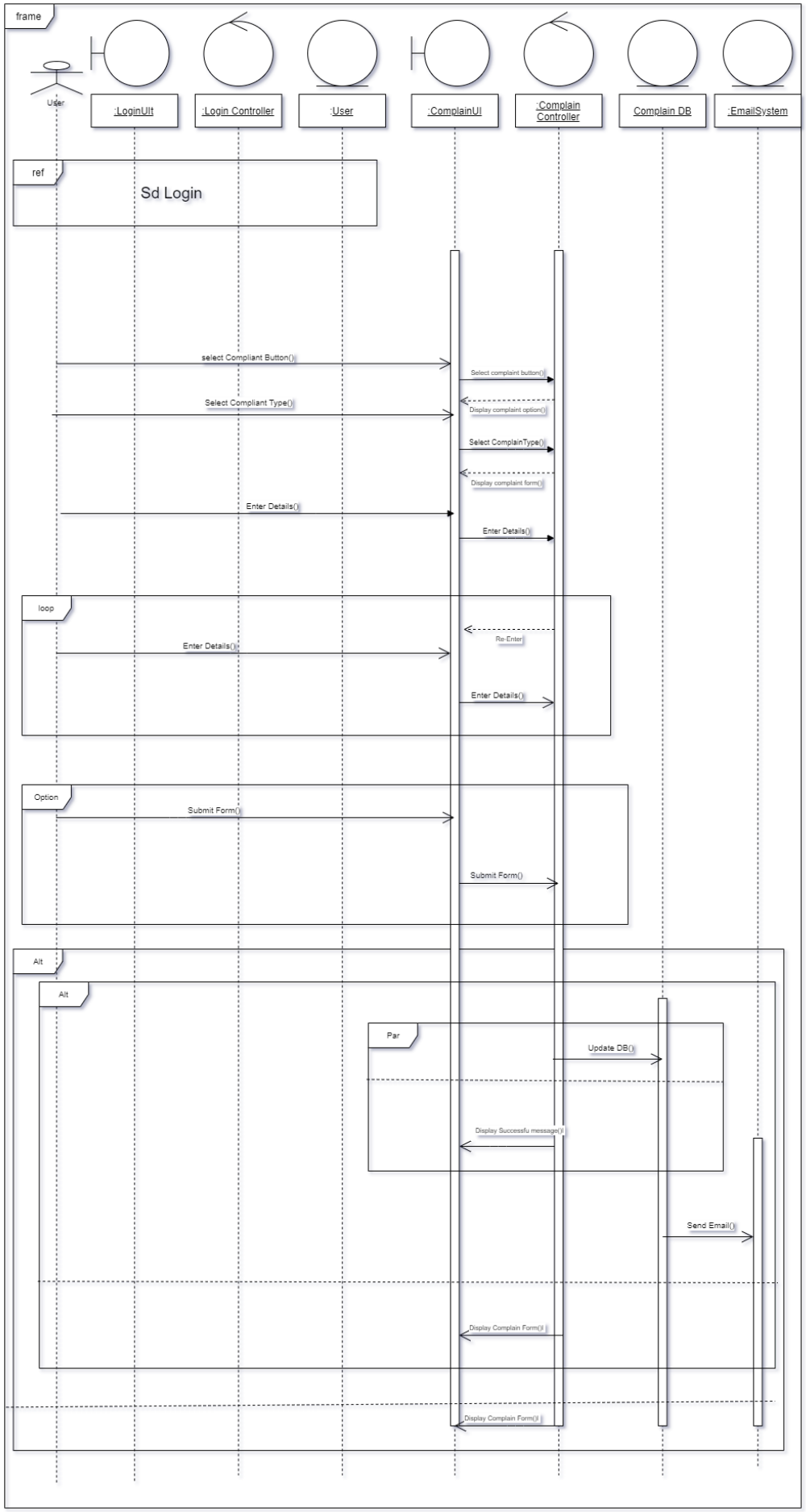

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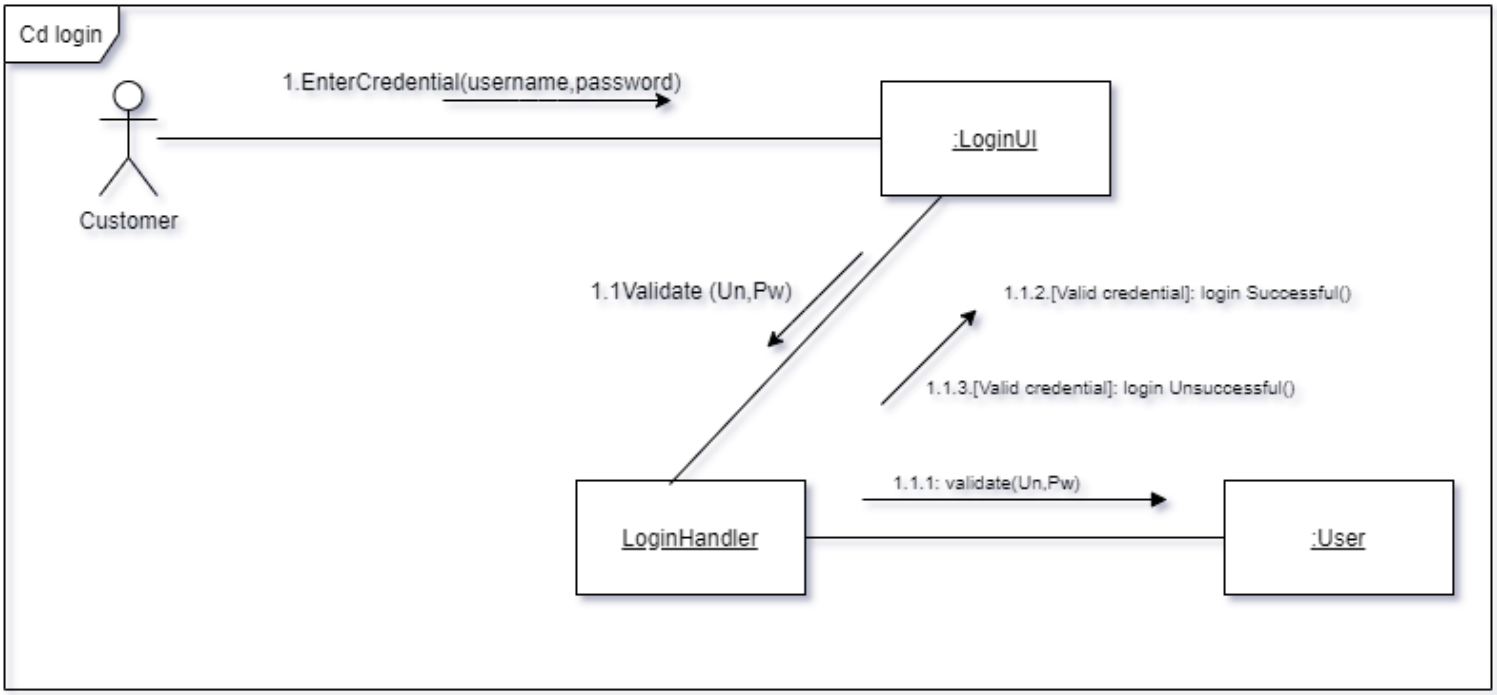

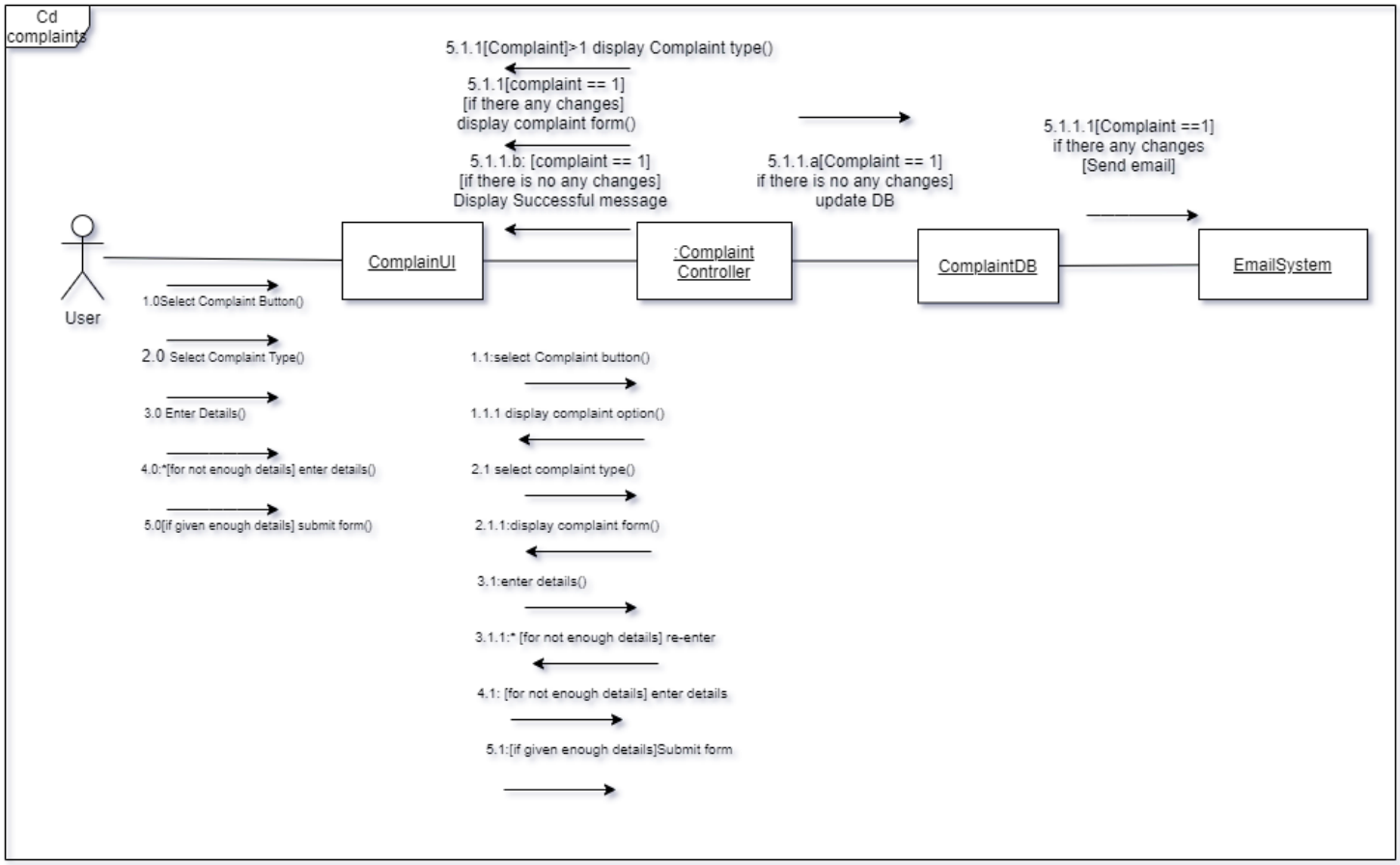

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Use Case ID	5
Use Case Name	Add or Update Event
Primary Actor	Admin
Pre-Condition	Should have administrative authorization
Main Success Scenario	1. Admin Log into the system by enter user credentials 2. WebUI prompts Admin to Admin Account page 3. Admin clicks on the Event page 4. System displays the event page with Add/Update message 5. Admin clicks on particular Event(add/update) 6. WebUI directs to the relevant event page (add event page or update event page) 7. Admin makes changes to the event page (add/update) 8. Admin clicks on save option. 9. WebUI save the changes successfully. 10. At the same time, it updates in the database and display a successful message to admin.

Extension	1.a If the admin user is not logged in, he/she will redirect to the login page. 1.b If the system is unable to validate the admin credentials it will prompt password reset option to user. 2. If admin clicks add a. WebUI direct to the add event page b. WebUI direct to the update event page
Post-Condition	The event page updated with newly added features information details.

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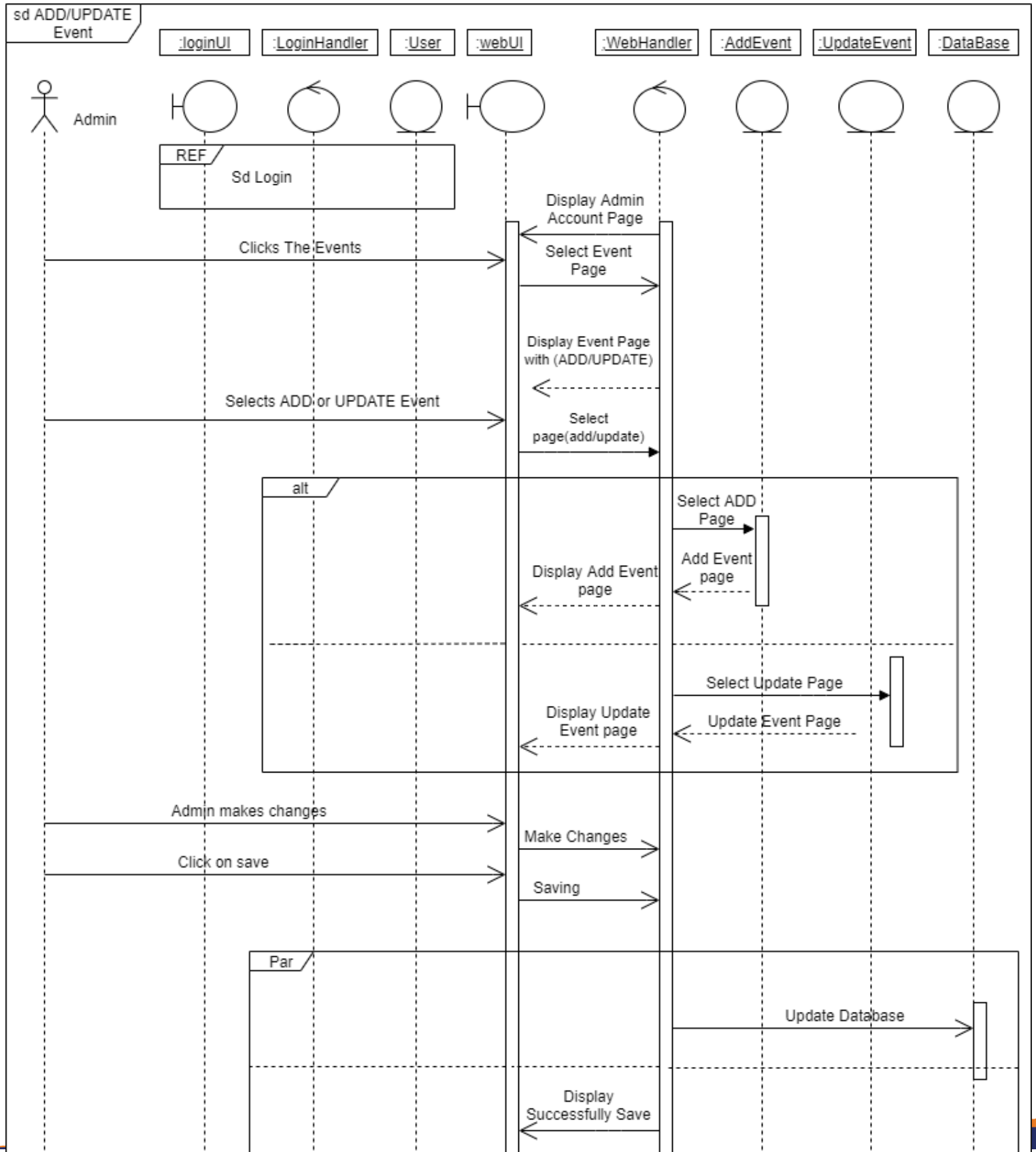

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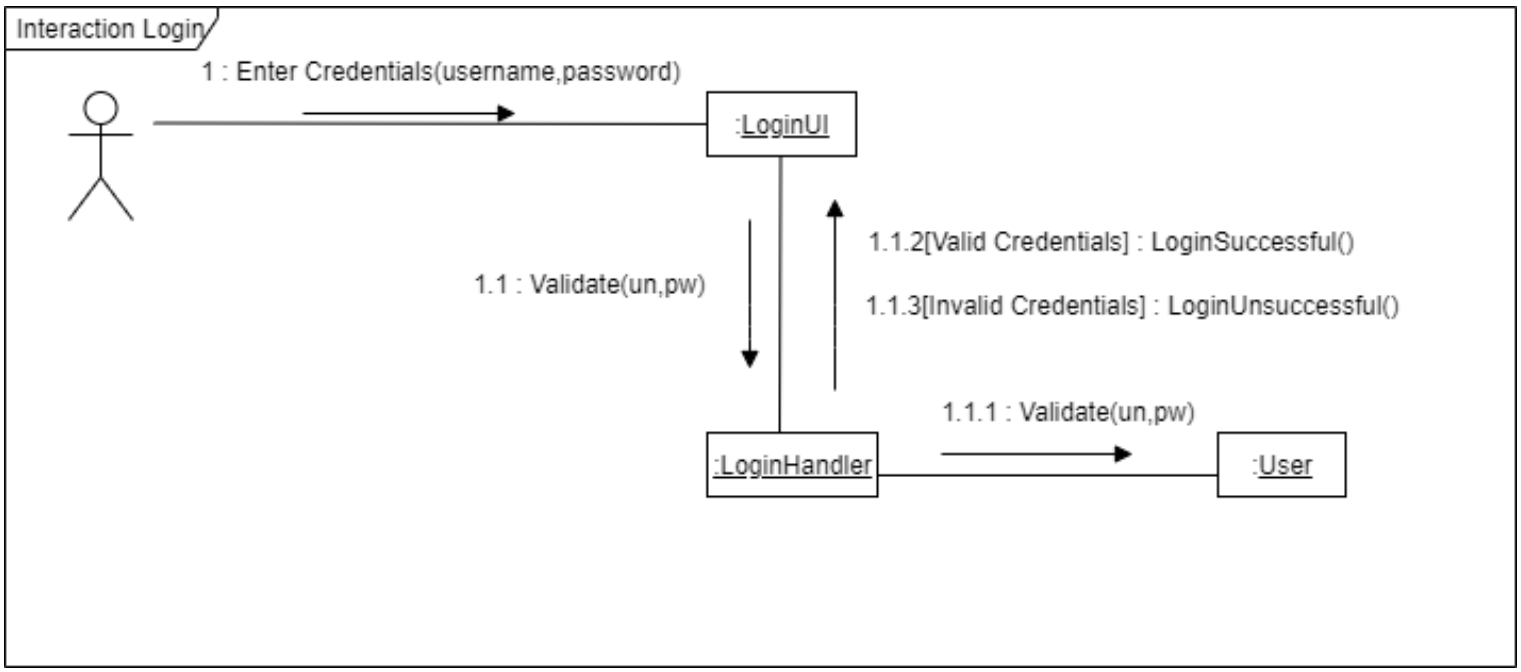

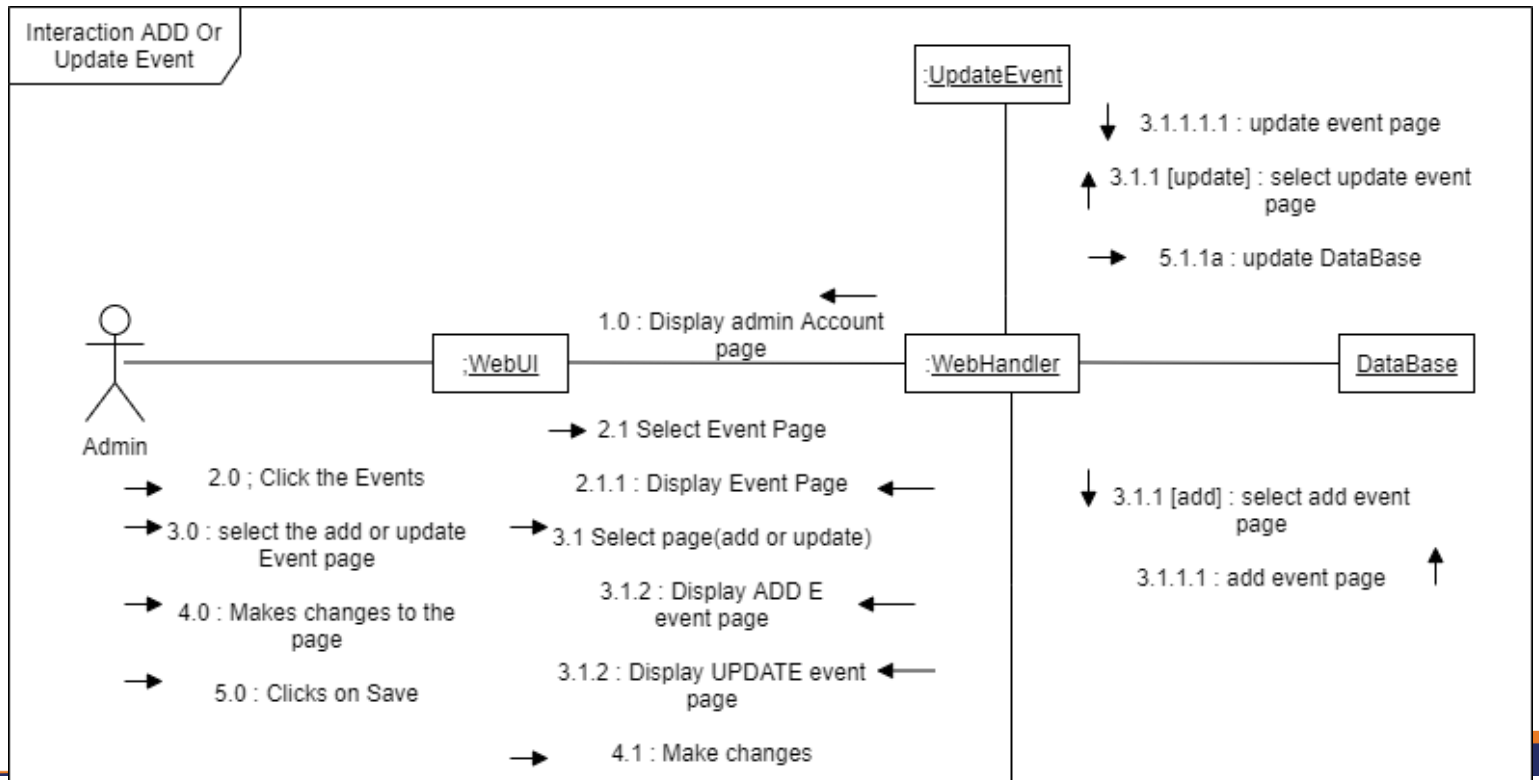

Contribution

	Student Registration Number	Student Name	Contribution
1			Sequence diagram and communication diagram for use case scenario “Event selection”
2			Sequence diagram and communication diagram for use case scenario “Register participant”
3			Sequence diagram and communication diagram for use case scenario “Make complaints“
4			Sequence diagram and Communication diagram for use case scenario “Add or

			update event”