

# **IT2020 – Software Engineering**

## **Year 2, Semester I, 2022**

### **Group Assignment**

**<<ONLINE EVENT PLANING SYSTEM>>**

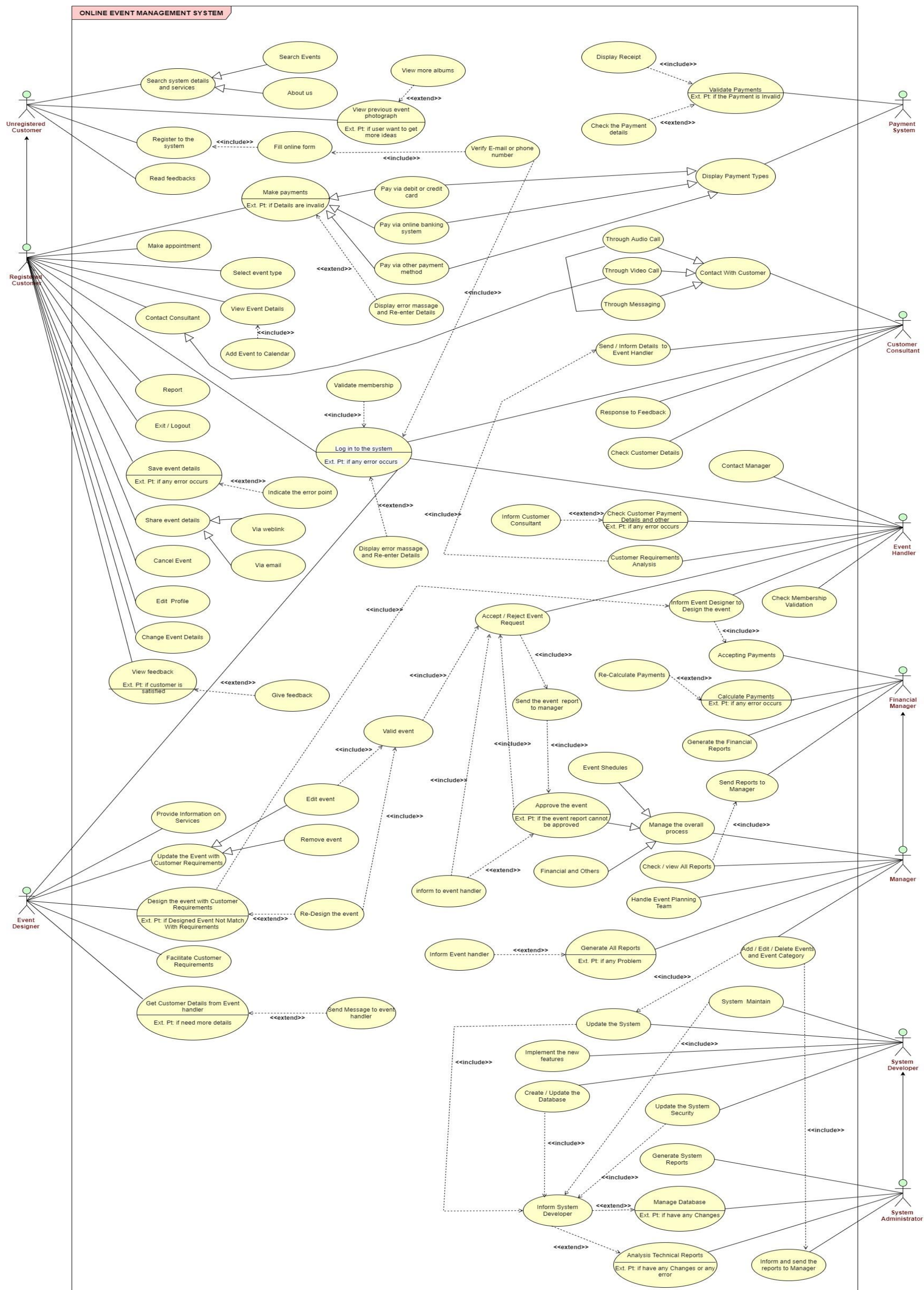
#### **Group Details**

**Batch: SE/OOP-MLB-WD-27**

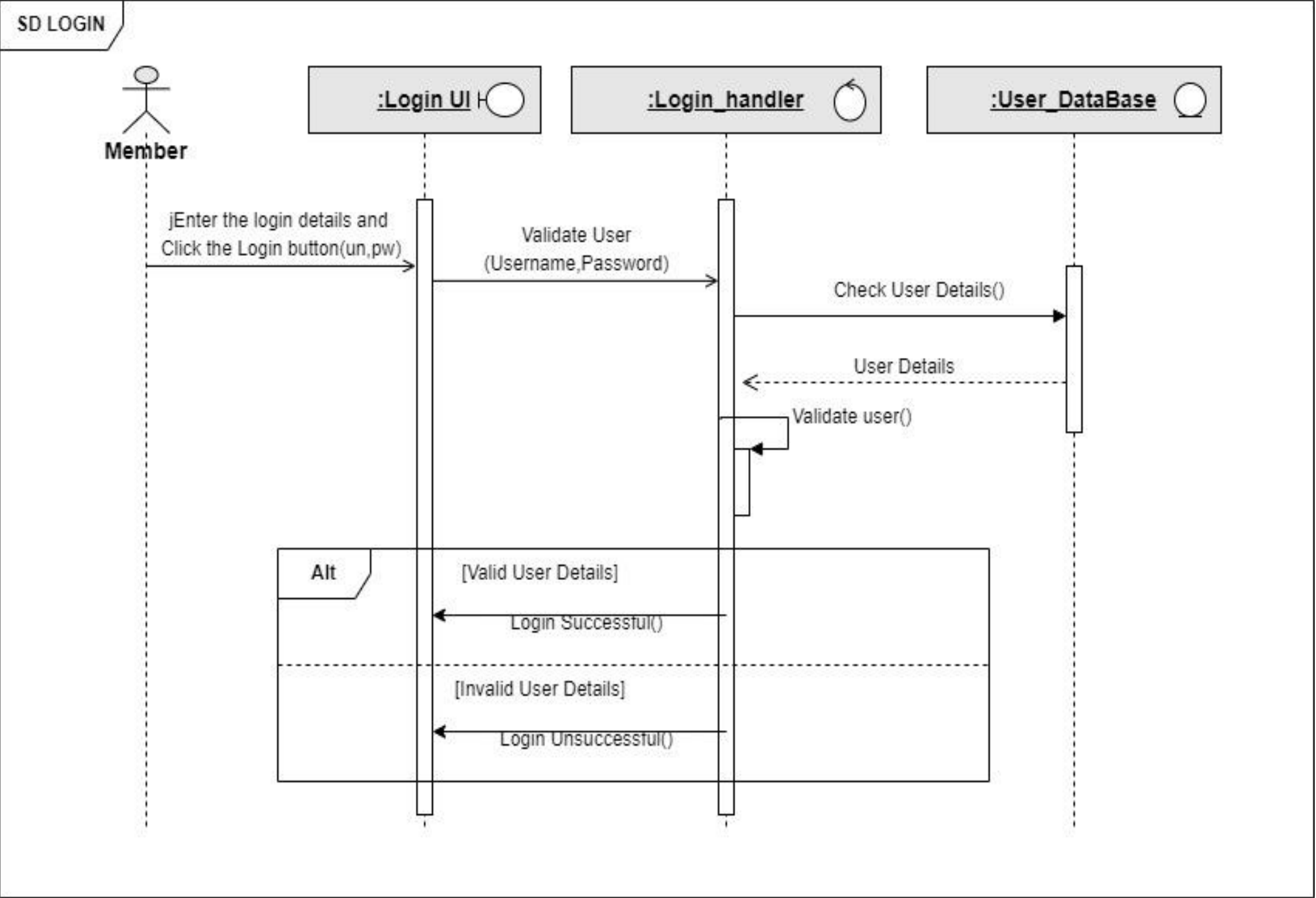
**SE/OOP Group Number: 27**

	Student Registration Number	Student Name
1	IT21021602	Abeykoon R.M.S.P
2	IT21033032	Nishshanka N. A. P. K. R
3	IT21032806	Jayasinghe K.A.K.N
4	IT21032974	Nishshanka N.A.G.A.A

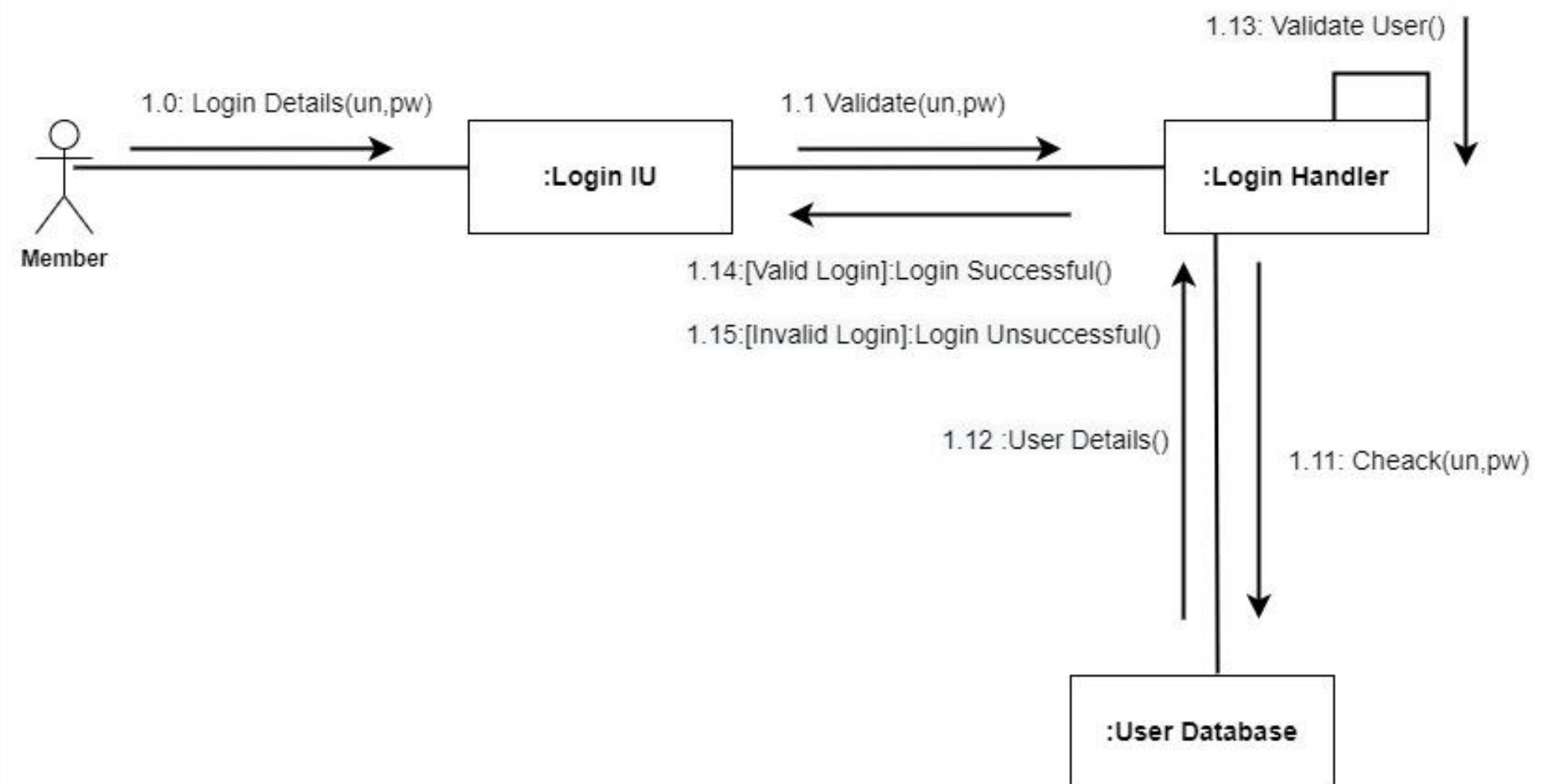
## ❖ Use Case Diagram



Number	EMS-001	
Name	Login	
Priority	05	
Preconditions	Should have created an account.	
Post-conditions	Customer successfully logged into the system.	
Primary actor(s)	Registered Customer	
Main scenario	step	Action
	1	Customers enter login credentials (username, password) to the system.
	2	The username(un) and password(pw) are validated by the system.
	3	System prompts ‘Login Successful’ Message.
Extensions	Step	Branching actions
	2a	When un and pw is incorrect the system will show ‘Login Unsuccessful’ Message asking customer to re-enter login credentials



# interaction Login

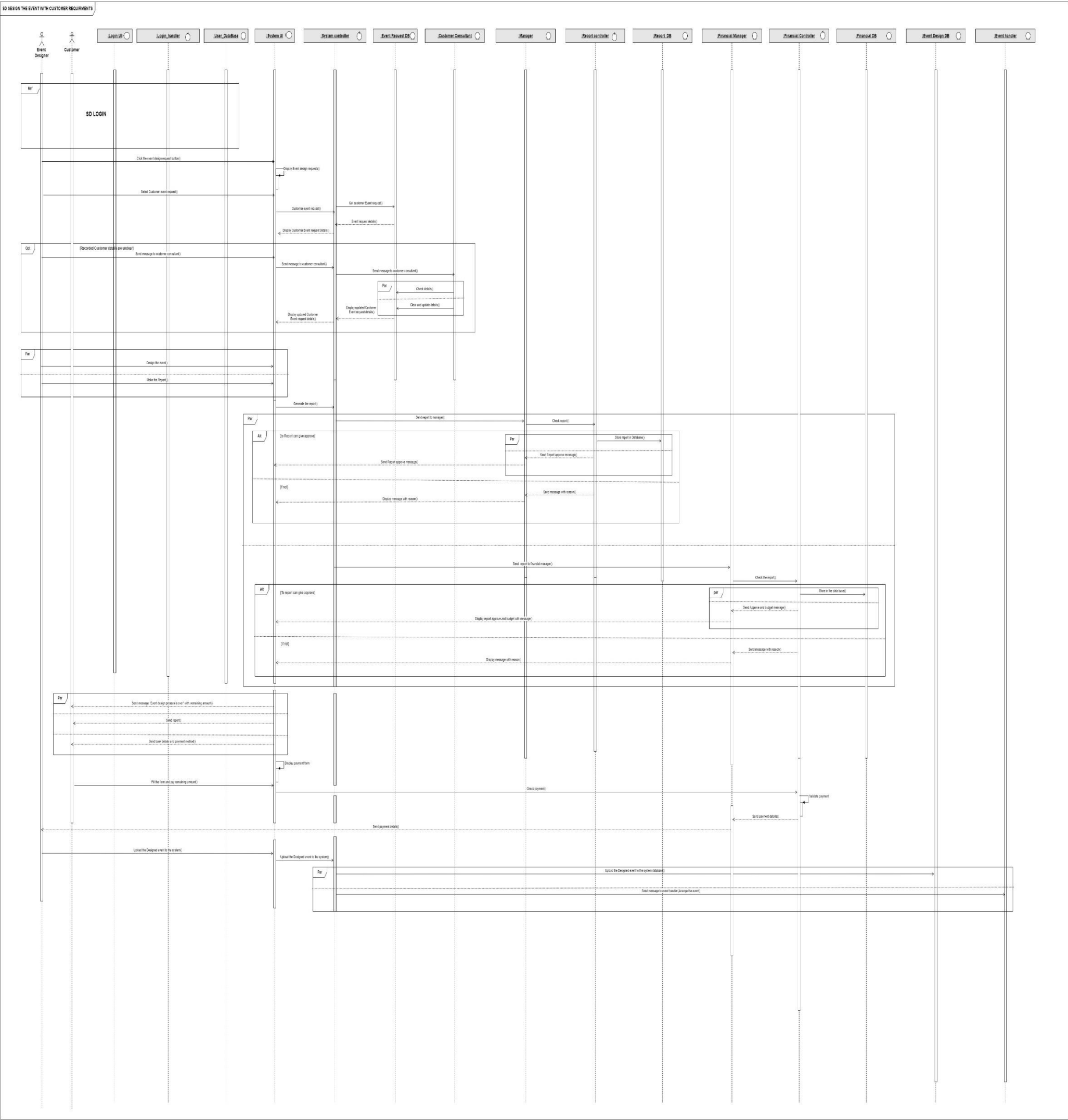


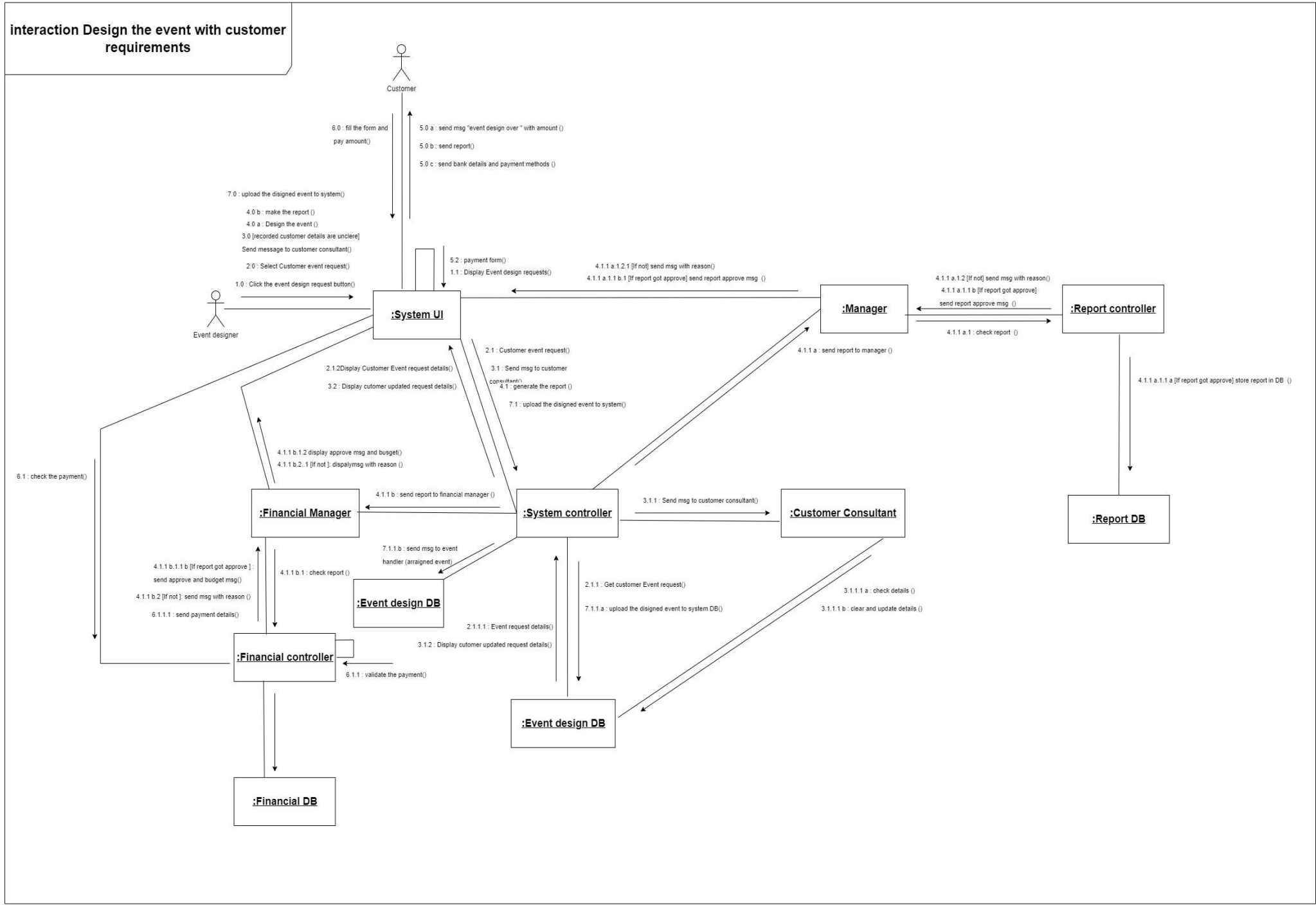


**IT21021602 – Abeykoon R.M.S.P**

Number	EMS-002	
Name	Design The Event with Customer Requirements	
Summary	Design an event that meets customer all requirements	
Priority	05	
Preconditions	Login to the system as an event designer	
Post-conditions	Hand over the designed report to the event handler for Arrange the event	
Primary actor(s)	Event Designer	
Trigger	Event designer wants to design the Event until to satisfy customer	
Main scenario	step	Action
	1	System display “Events design Requests” button
	2	Click on the “Events design Requests” button
	3	Select Customer Event Request
	4	Gather the Recorded client’s Event details and requirements
	5	Design the Event according to the given details
	6	Enter all the details and make a report about designed event
	7	Send the report to the Manager and financial manager
	8	Get the approval from the Manager
	9	Get the budget from financial manager
	10	Send E-mail to the customer “Your event request Design process is over. Please check it and pay your remaining amount for arrange your event” (with remaining amount)
	11	Send the report and bank details to the Customer
	12	Payment to be made by the customer
	13	Receive the payment details from financial manager and check it
	14	Upload the Designed Event to the system
	15	Inform event handler to Arrange the Event
Extensions	Step	Branching actions
	4a	If the received information’s are unclear inform Customer consultant to get clear details
	5a	If the designer needs more details to the design the event informs Customer consultant
	8a	If the manager’s approval is not forthcoming, send the message to the customer “Sorry, we are unable to approve your request at this

		moment. Please try again another time. Thank you” (Display with reasons)
	11a	If the customer is not satisfied with the designed event, re-design the event and get the approval and inform It to customer
	12a	If the customer does not pay the balance within seven days Cancel and delete Event Request
	12b	If there is any issue regarding the payment, contact the manager.
	13a	If any kind of issue regarding the uploaded system, contact the System administrator.
Open Issues		



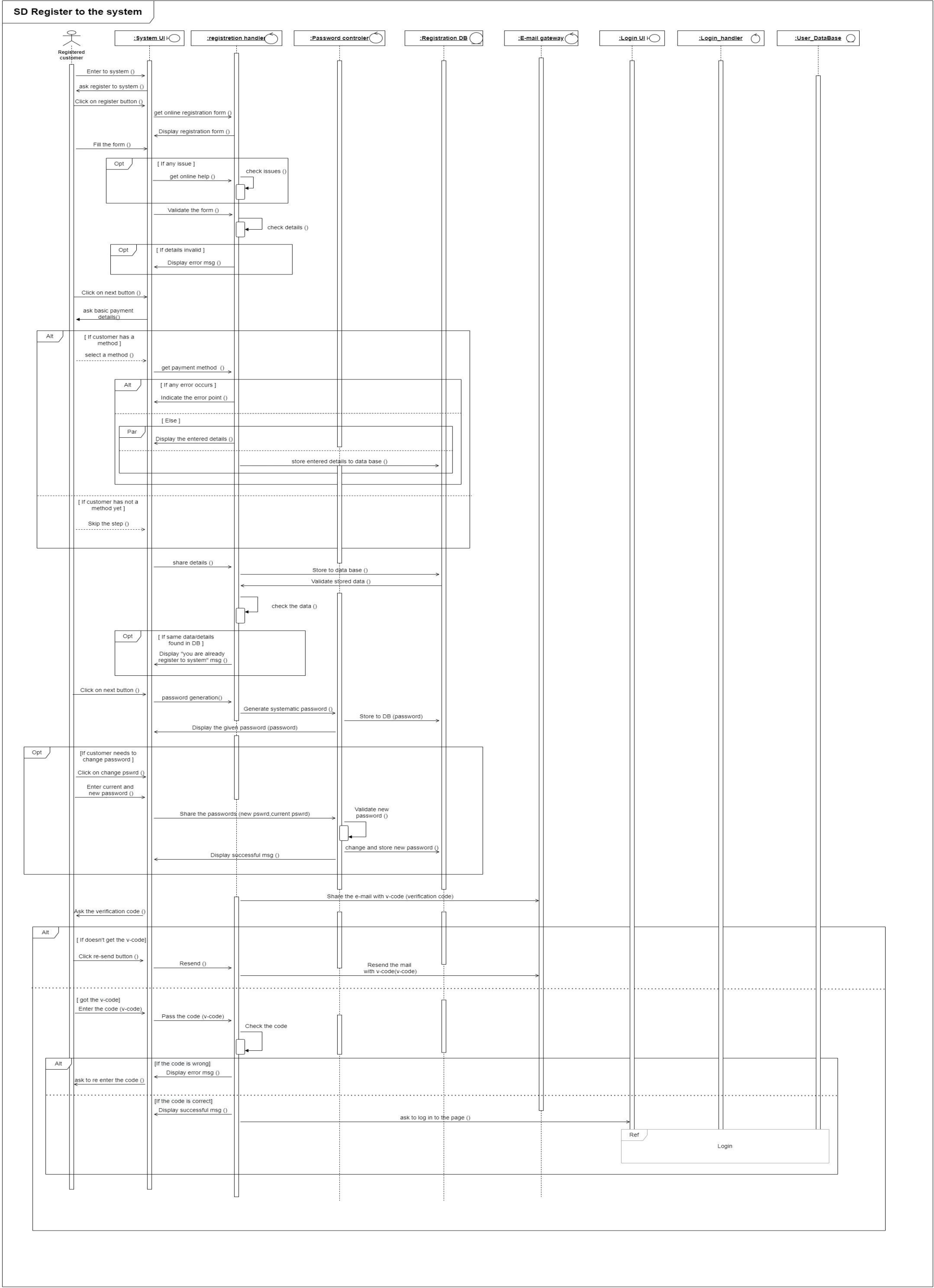


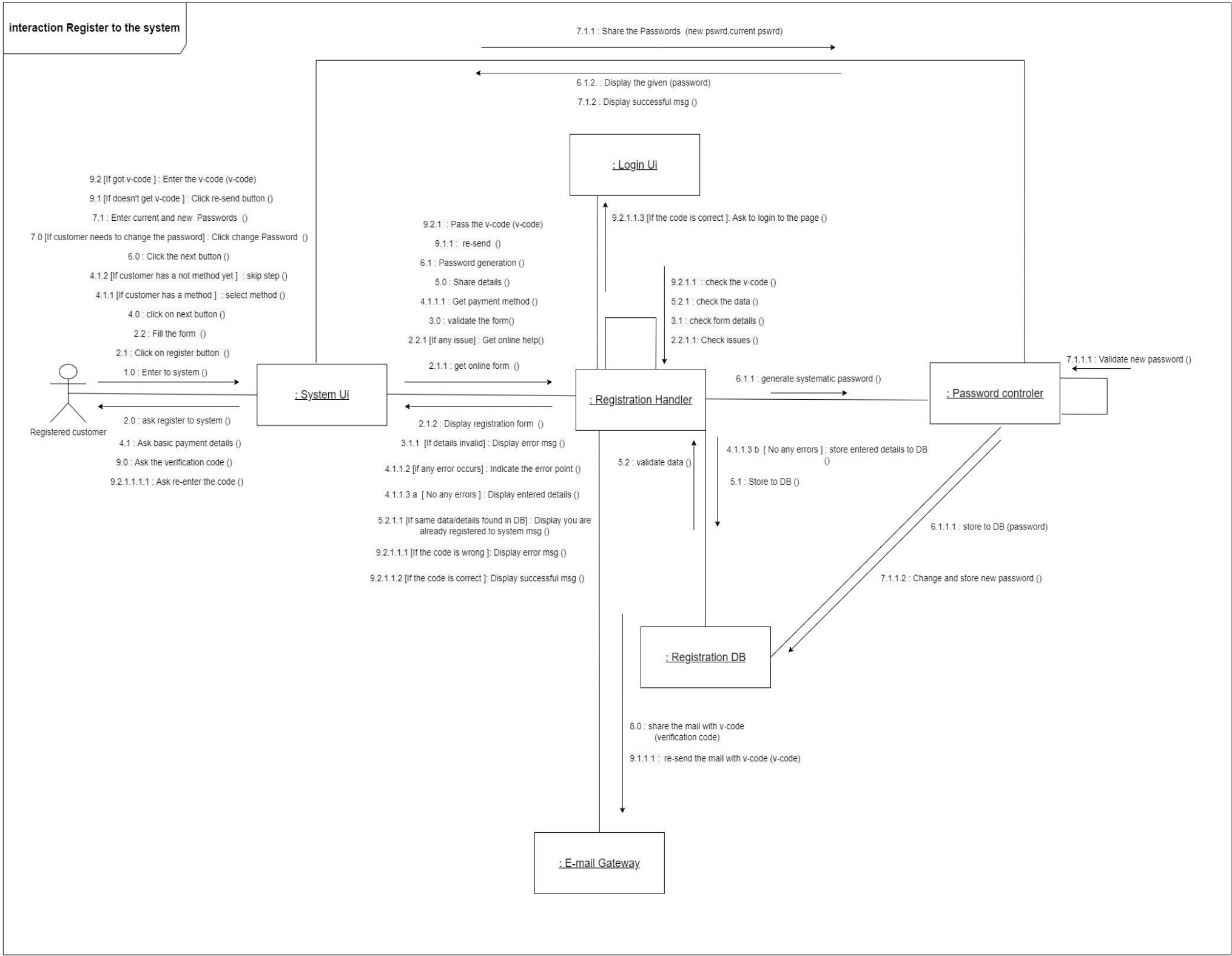




Number	EMS-003	
Name	Register to the System	
Summary	Unregistered customers need to register to the system and create a profile	
Priority	04	
Preconditions	Accesses to the system	
Post-conditions	Login to the own profile	
Primary actor(s)	Unregistered Customer	
Trigger	Unregistered customer wants to create own profile and plan he/she event	
Main scenario	step	Action
	1	System shows Register button and ask to register to the System
	2	Customer Clicks on Register button
	3	System shows online registration form
	4	Customer Fill the Registration form
	5	Go to next Step and System ask Valid payment method
	6	Customer Select payment method and submit the form
	7	System Shares the customer details to Database and display Customer details at same time
	8	Click on next button
	9	System generates a systematic password and give it to customer
	10	System shares a verification code to customer E-mail
	11	System Ask the verification code from the customer
	12	Customers enter the code
	13	Display Successfully message
	14	System Ask to Login to the System
	15	Customer fills the Login details and Login to the System and System Display Welcome message to the new User
Extensions	Step	Branching actions
	4a	If there is any issue customer can get online help

	4b	If the customer entered details are invalid, System display Error message
	6a	If any error occurs system indicate error point
	6b	If Customer hasn't proper payment method at the point, he/she can skip this step
	7a	If Customer details are already stored in the database, System display "You are already registered.!" message
	9a	If customer wants to change the password, Click the change password button Enter the new password
	10a	If customer doesn't get verification code, Click Re-send button, or get Help
	12a	If verification code is wrong, System display error message and Re-enter code
	15a	If the Login details are wrong, System display Error message and check details again
Open Issues		



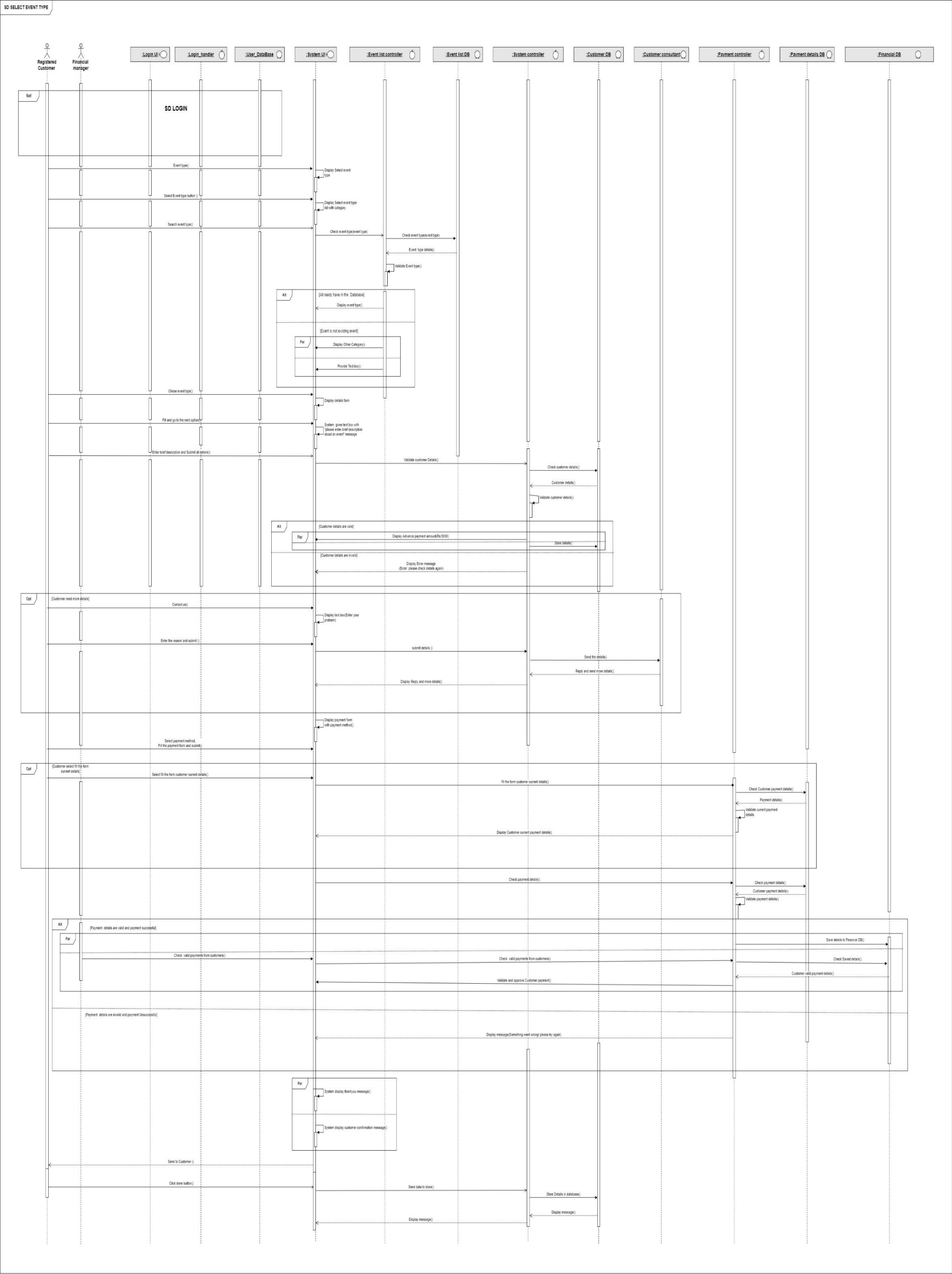


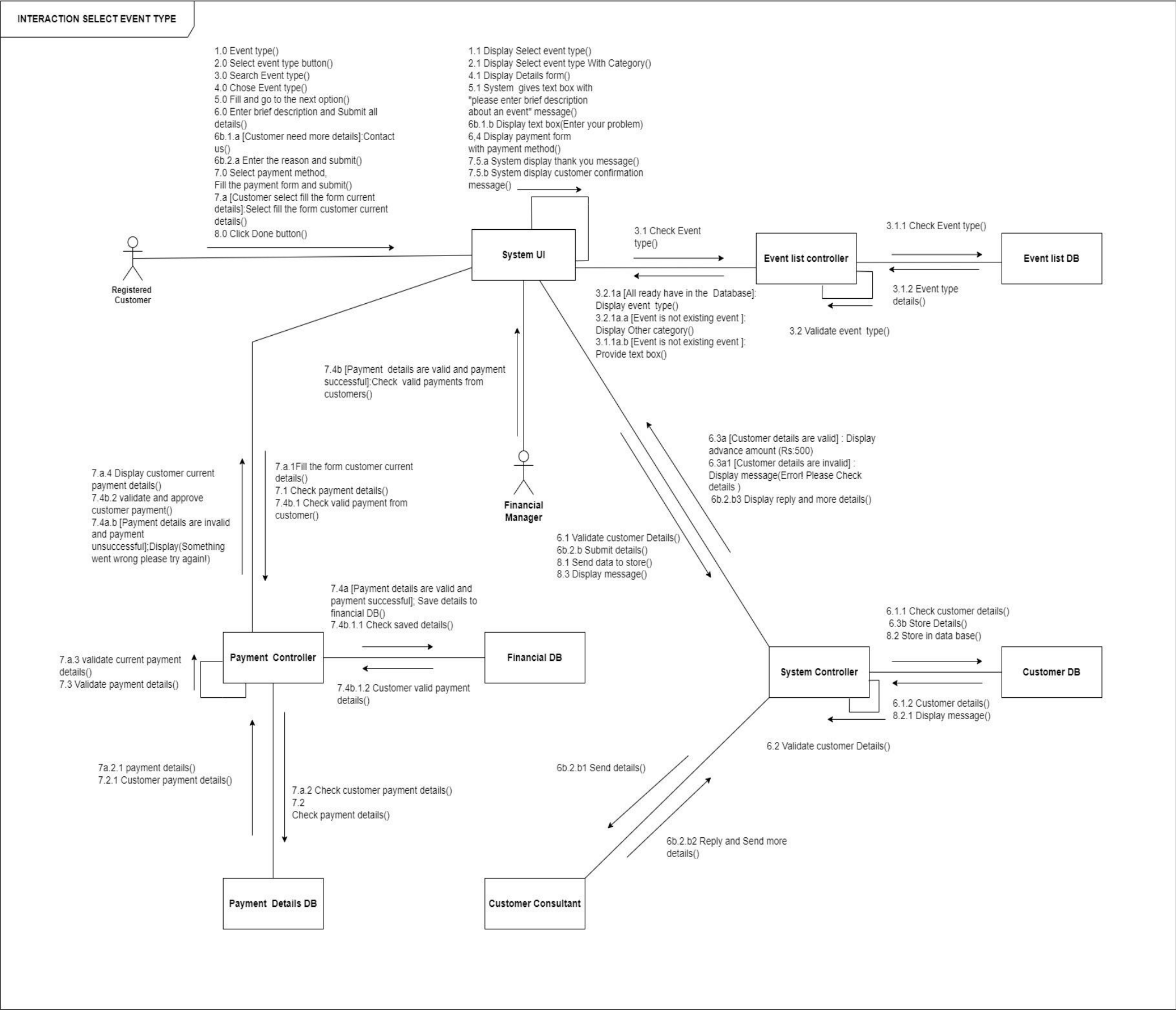




Number	EMS-001	
Name	Select Event type	
Summary	Customer wants to plan an Event, Selecting Event type and make Advance payment	
Priority	05	
Preconditions	A Customer need to login to the system for plan event	
Post-conditions	Receiving a conformation message about Planed event	
Primary actor(s)	Registered Customer	
Trigger	Customer wants to Select Event and make payment for a Selected Event	
Main scenario	step	Action
	1	Include: Login
	2	System display Select event type button
	3	Click on the Select event type button
	4	Providing a list of event types with category currently stored on the system
	5	Search and Choose the Event type
	6	Provide information Requested by the System given form (fill details) and submit
	7	System Asking the customer, please Enter the brief description about your event
	8	Customer Provide brief description About an event
	9	Submit and give next option
	10	System displays Advance amount to be paid
	11	Select payment method and fill details
	12	Confirm and Pay Advance payment
	13	Click submit button
	14	The payment is validated by the financial manager
	15	System Display a massage “Thank you so much for coming to us to make your services a success”.
	16	Receive a conformation message to the customer
Extensions	Step	Branching actions
	4a	If the searched event is not an existing event, Choose the other category and provide a text box to enter the event type.

	5a	If customer enter invalid data into the system displays error message and asks to reenter
	8a	If Customer need more details, Contact Customer consultant (Using Contact us)
	10a	Systems gives customers current details
	12a	If customer has no valid payment method or details, system send error message and asks to re-enter
	13a	If the payment is unsuccessful, send a message to the customer with reason and System display “Try again”
	15a	If customer doesn’t get a conformation message, he/she should contact customer Consultant via hot line or mail
Open Issues		



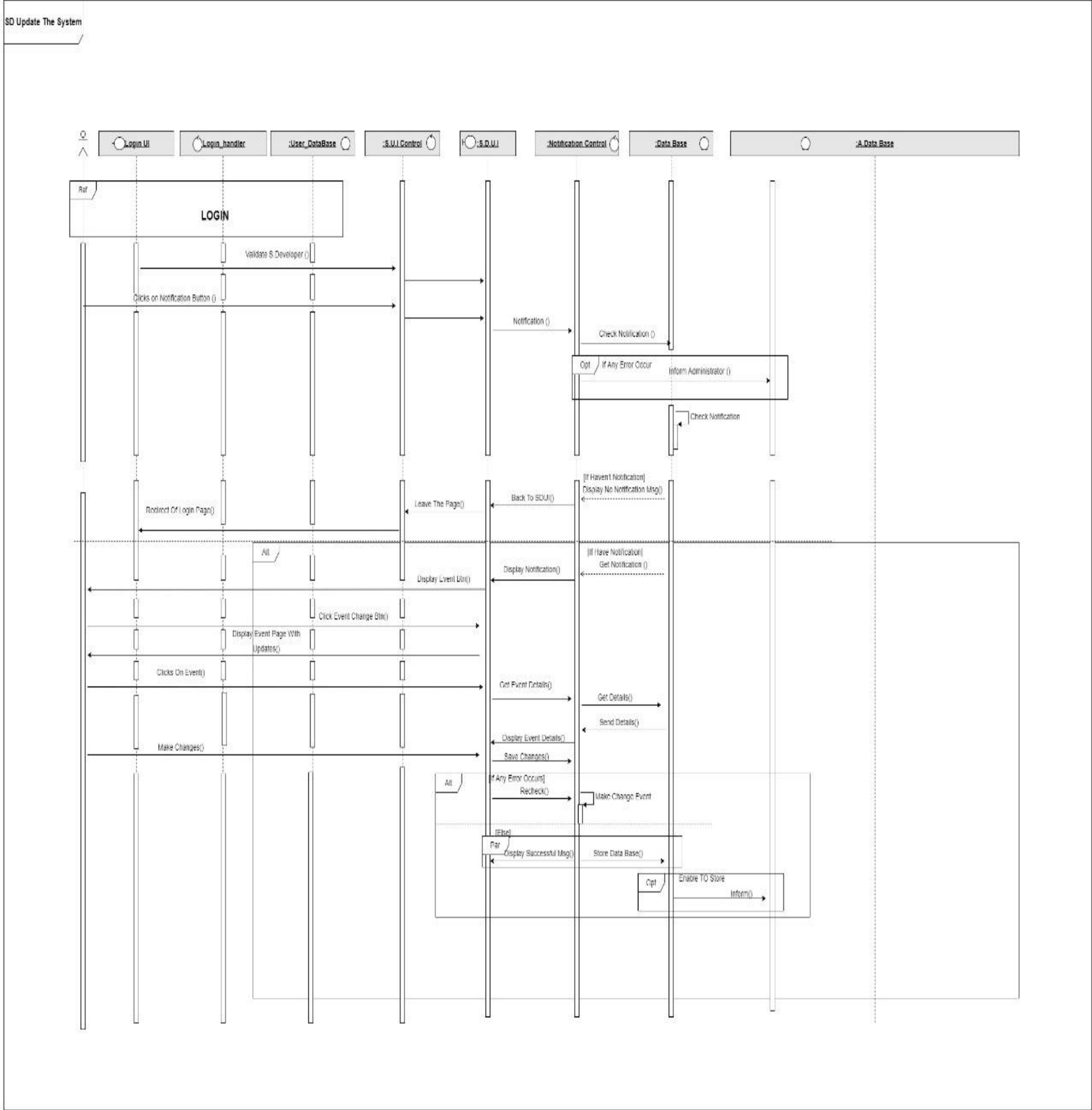


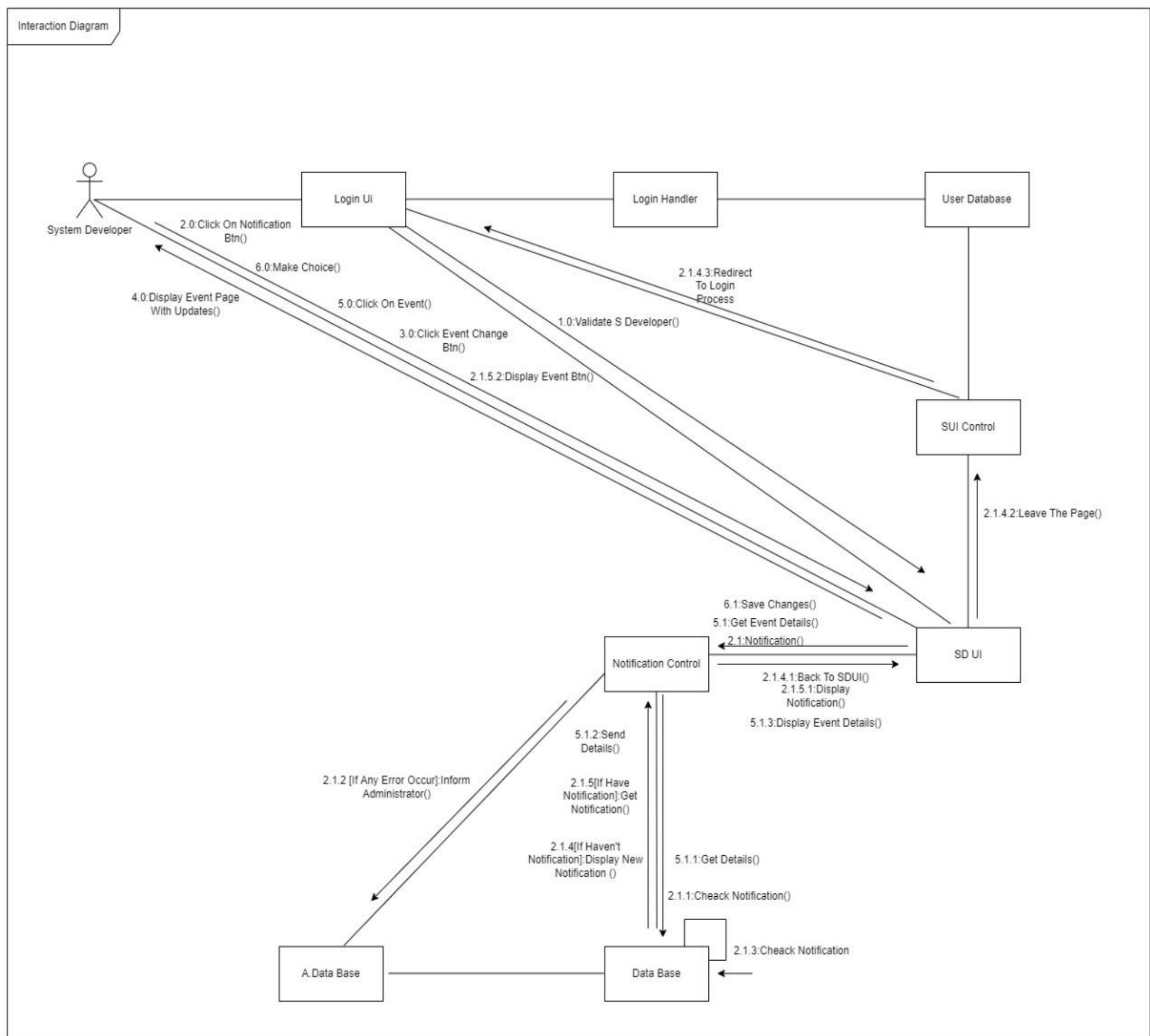


Number	EMS-004	
Name	Update the System	
Summary	Check the notifications and Update the System	
Priority	04	
Preconditions	Check the Available notifications for update	
Post-conditions	Save the updates and inform system administrator	
Primary actor(s)	System Developer	
Trigger	System Developer needs to check and update the System with administrative authorization	
Main scenario	step	Action
	1	System Developer Log into the system by enter user Details
	2	System UI prompts System Developer to System Developer Account page
	3	System Developer clicks on the Notification button
	4	System displays notifications from System administrator
	5	System Developer clicks and check the notifications
	6	System displays Event page button
	7	System Developer clicks on the Event page
	8	System displays the event page with Update message
	9	System Developer clicks on particular Event
	10	System UI directs to the relevant event page (add/update event page)
	11	System Developer makes changes to the event page
	12	System Developer clicks on save option.
	13	System UI save the changes successfully.
	14	At the same time, it updates in the database and display a successful message to System Developer.
Extensions	Step	Branching Action
	1a	If the Login details are wrong, System display Error message and check details again
	5a	If any issues occur, Inform to System administrator.
	5b	If there are not new notifications, System Developer can leave the page
	12a	If the system developer unable to save the changes, Send the message to system administrator.



	12b	If any issues occur, Re-check and calculate the report.
	14a	If any kind of issue regarding the uploaded the data into the database, contact the System administrator.
Open Issues		





**Contribution**

	Student Registration Number	Student Name	Contribution
1	IT21021602	Abeykoon R.M.S.P	Make Sequence, communication, and use-case scenario for design an event that meets customer requirements
2	IT21033032	Nishshanka N. A. P. K. R	Make Sequence, communication, and use-case scenario for register to the system
3	IT21032806	Jayasinghe K.A.K.N	Make Sequence, communication, and use-case scenario for select event type
4	IT21032974	Nishshanka N.A.G.A.A	Make Sequence, communication, and use-case scenario for check the notification and update the system