

IT2020 – Software Engineering

Year 2, Semester I, 2022

Group Assignment

<<Online Movie and TV Series Browsing System>>

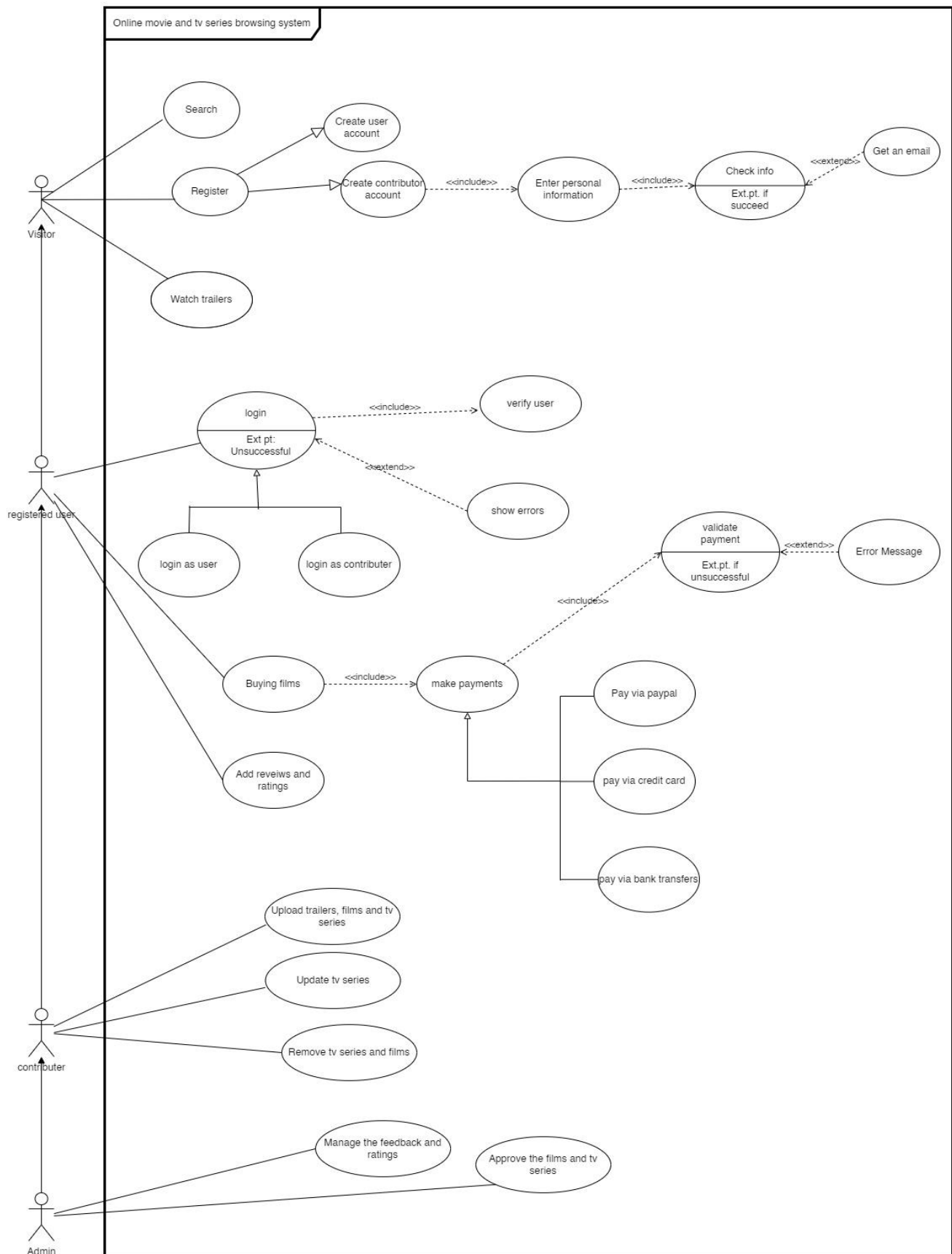
Group Details

Batch: 2.2

SE/OOP Group Number: MLB - WD - 58

	Student Registration Number	Student Name
1	IT21067860	Sithara K.P.W.D.O
2	IT21058882	Kariyawasam K.H.M.S
3	IT21067938	Randeni K.M.T.D
4	IT21059636	Dematagoda H.A

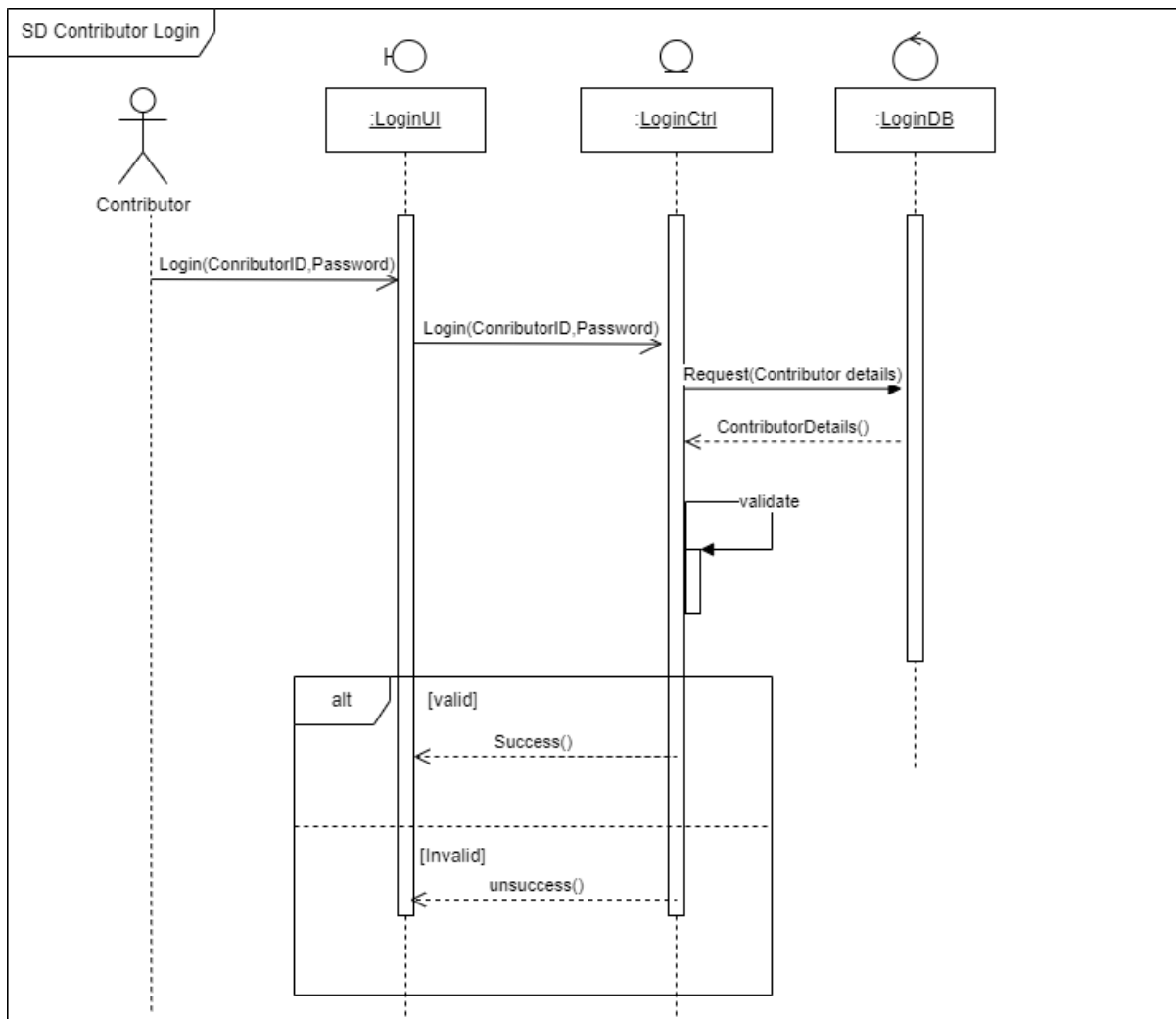
Use case Diagram



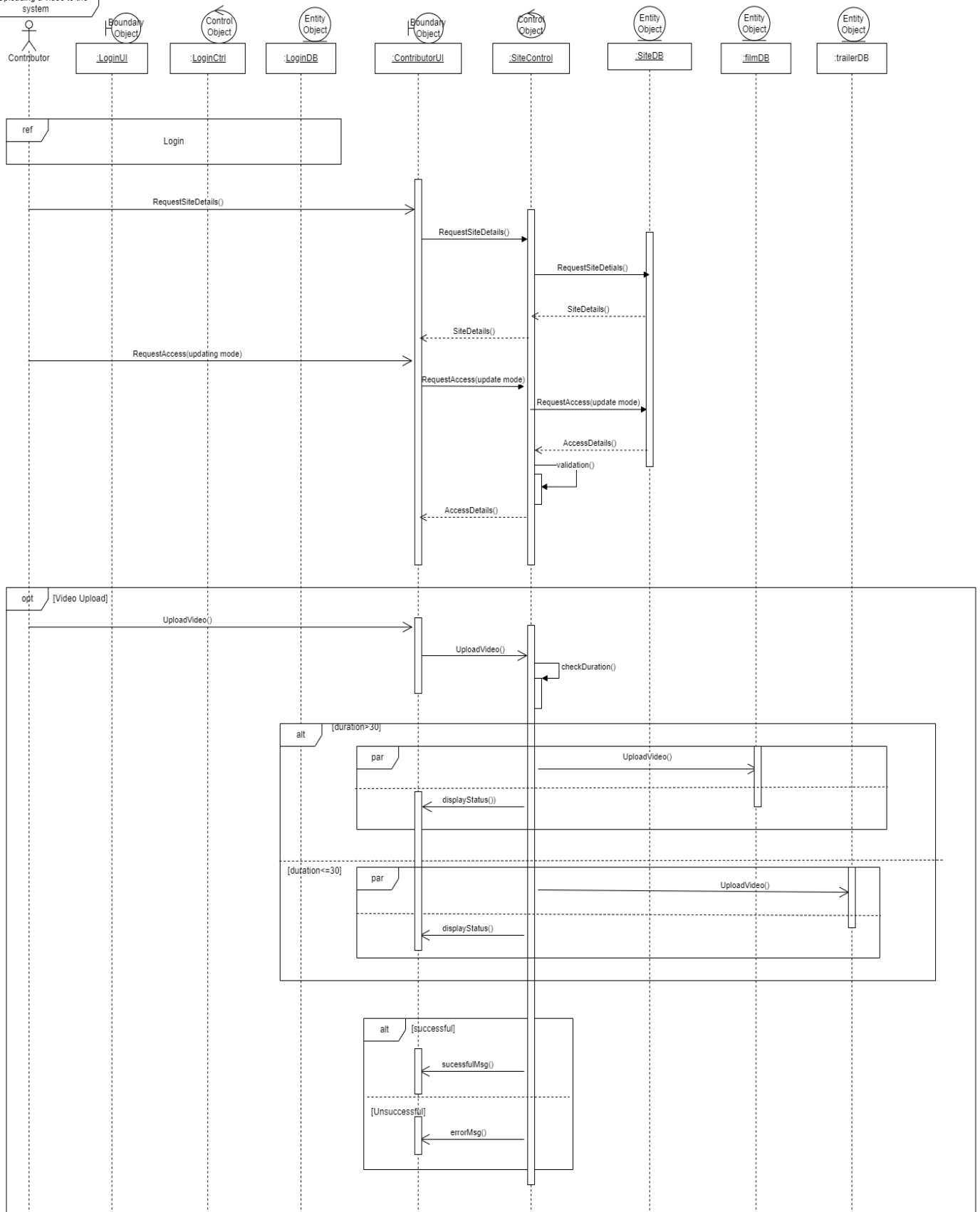
1. Use Case Scenario

Use Case ID		
Name	Upload a video to the system	
Summary	Contributor upload a video to his site	
Priority		
Preconditions	Contributor should log into the system	
Postconditions	Updated new trailers, films and tv series in the system	
Primary Actor(s)	Contributor	
Main Success Scenario	Step	Action
	1.	Contributor logged in to the system
	2.	Contributor request to the system to see current updates and existing features of his sites
	3.	System shows all the existing updates and features of the contributors' sites
	4.	Contributor request to access update mode
	5.	System gives to the access and display update mode
	6.	Contributor goes to uploading page of the site
	7.	System shows uploading types as videos, pictures, documents
	8.	Contributor selects video category
	9.	System direct contributor to select videos from the device
	10.	Contributor Browse and select video to be upload and click the upload button
	11.	System uploads the video
	12.	Contributor saves newly added videos
	13.	System displays a successful updated message
Extensions	Step	Action
	1a	When contributor enter the wrong password and not authorized system ask to region
	12a	If the video cannot upload, shows an error message
	13a	If cannot save correctly, system shows an error message

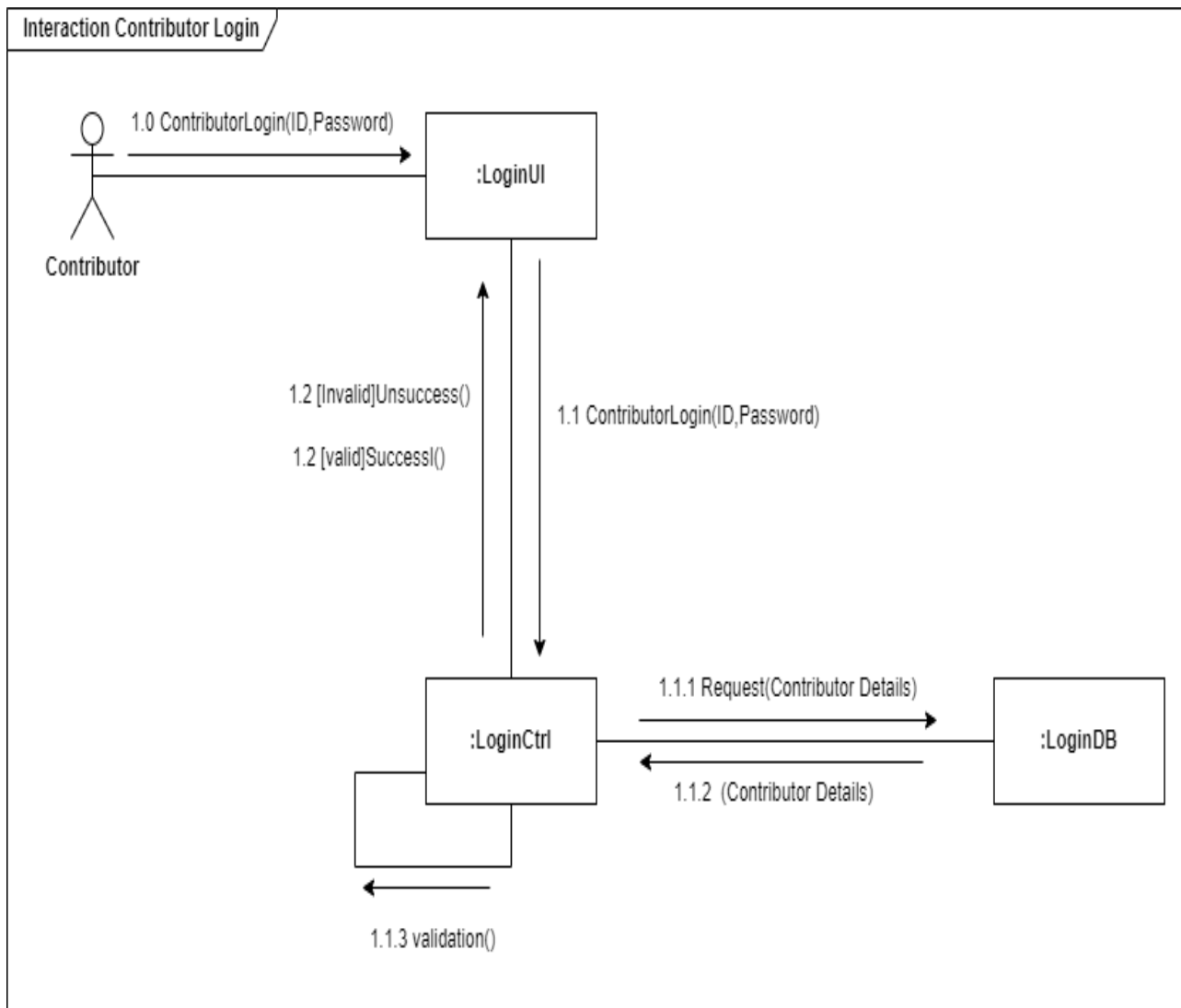
2. Sequence Diagram



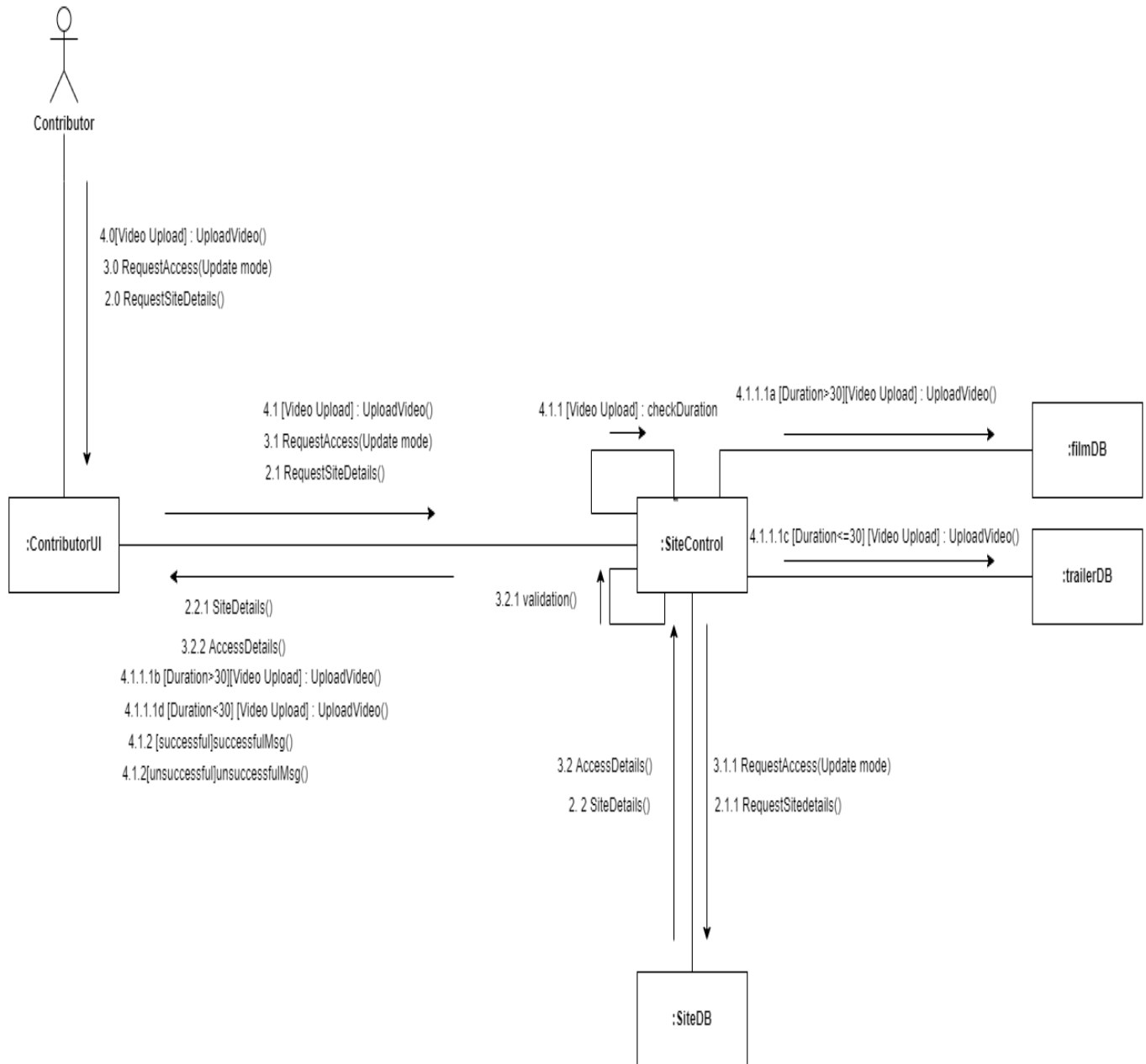
SD Uploading a video to the system



3. Communication Diagram



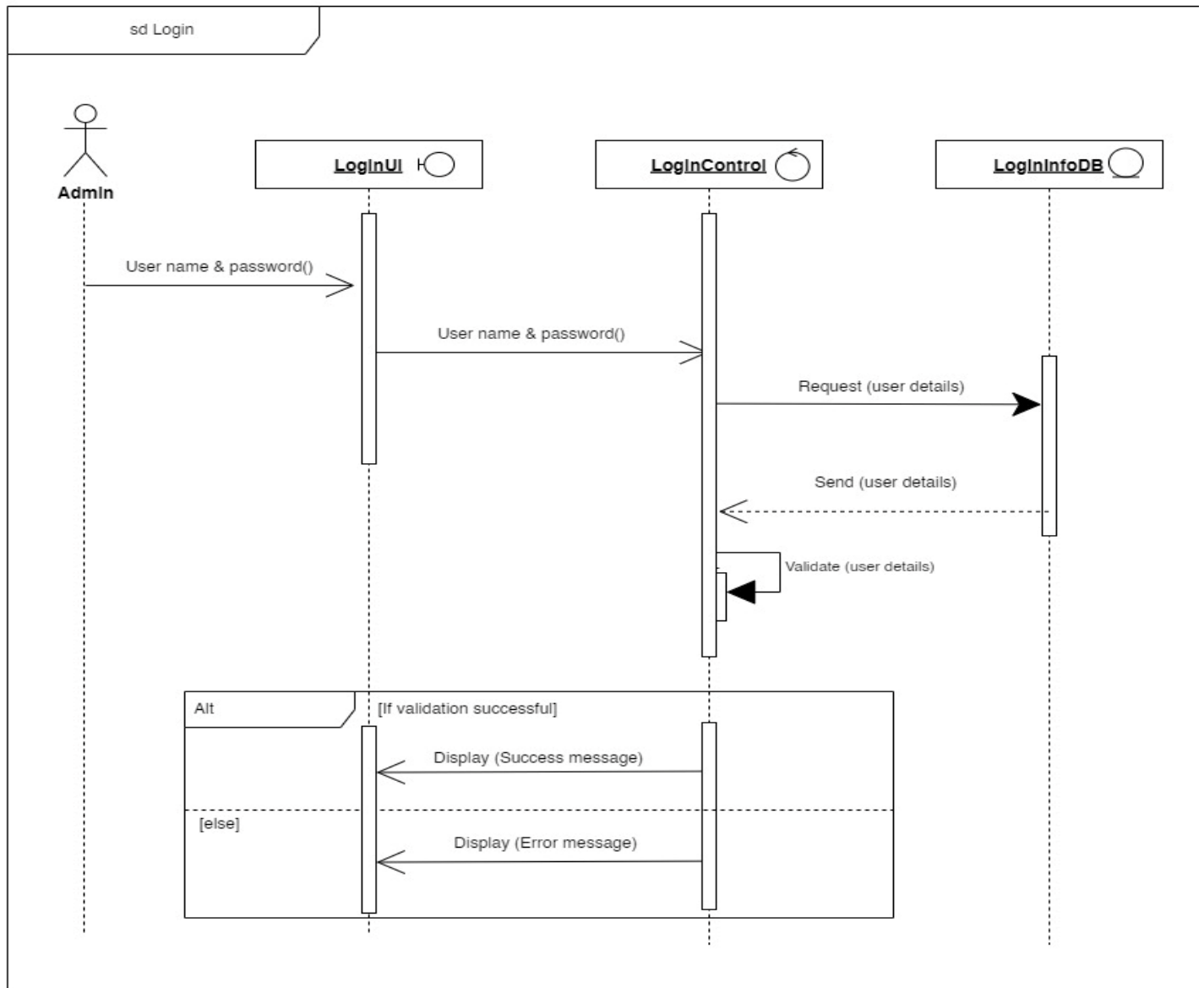
Interaction Uploading a video to the system



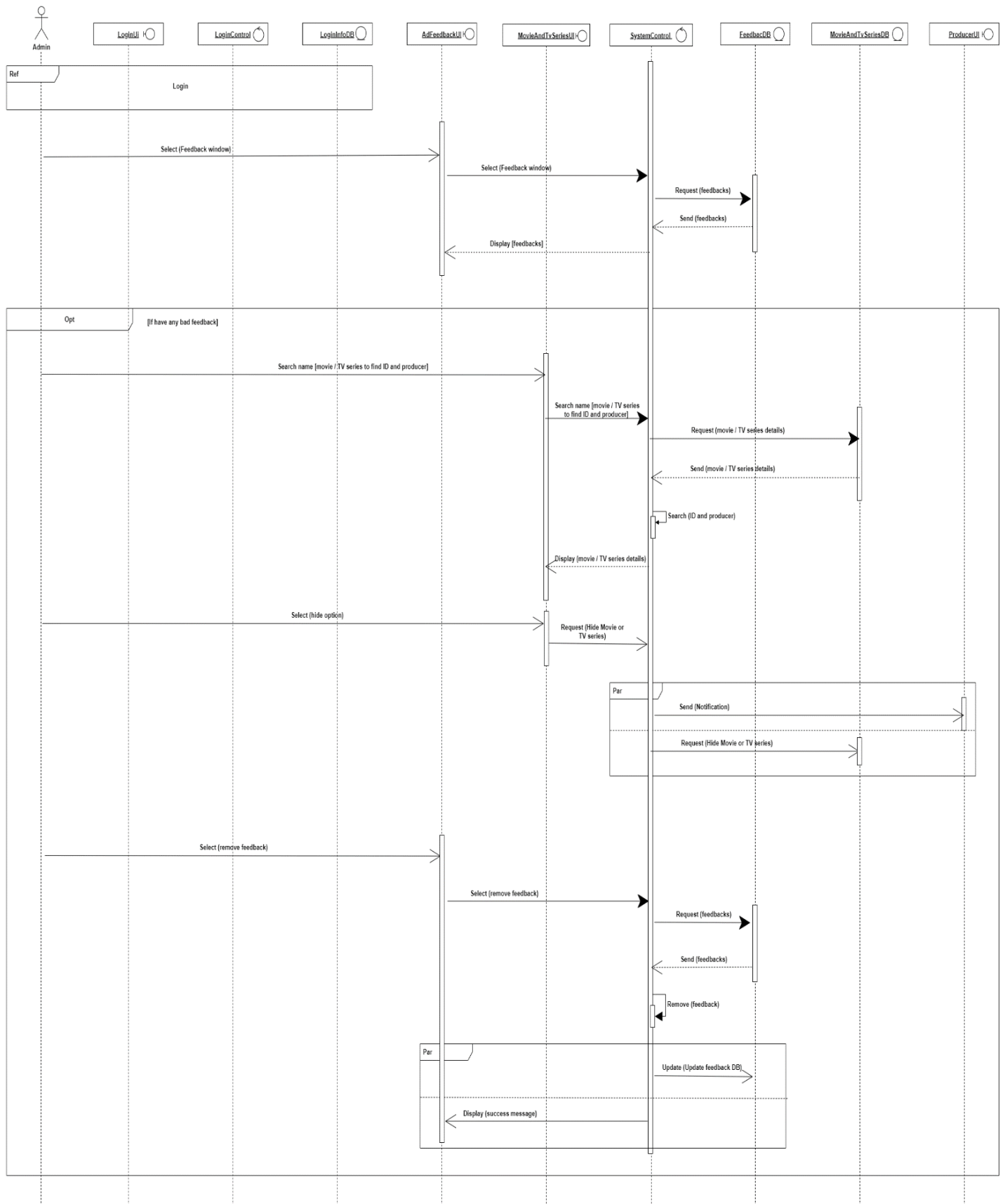
1. Use Case Scenario

Use Case ID		
Use Case Name	Admin works on bad feedbacks	
Summary	Works on bad feedbacks	
Priority		
Pre-condition	Admin must login to the system	
Post-condition	Remove bad feedbacks	
Primary Actor	Admin	
Trigger		
Main Success Scenario	Step	Action
	1.	Admin Logins to the Dashboard Using Username and Password.
	2.	Admin goes to Admin Panel and Choose to see the Feedbacks
	3.	Admin checks the Users feedbacks about the movies and TV series
	4.	Admin access the movie or TV series
	5.	Admin searches movie or TV series ID and producer
	6.	Admin notifies the producer and hide the movie or TV series
	7.	Admin removes the feedback
	8.	Admin update the database
Extensions	Steps	Branching Action
	1a	System Notifies Password or Username is invalid
	1b	Show Error Message to the Admin "Username or Password invalid"
	3a	Admin examines the Feedbacks
	6a	If have any bad feedback admin hide movie or TV serious

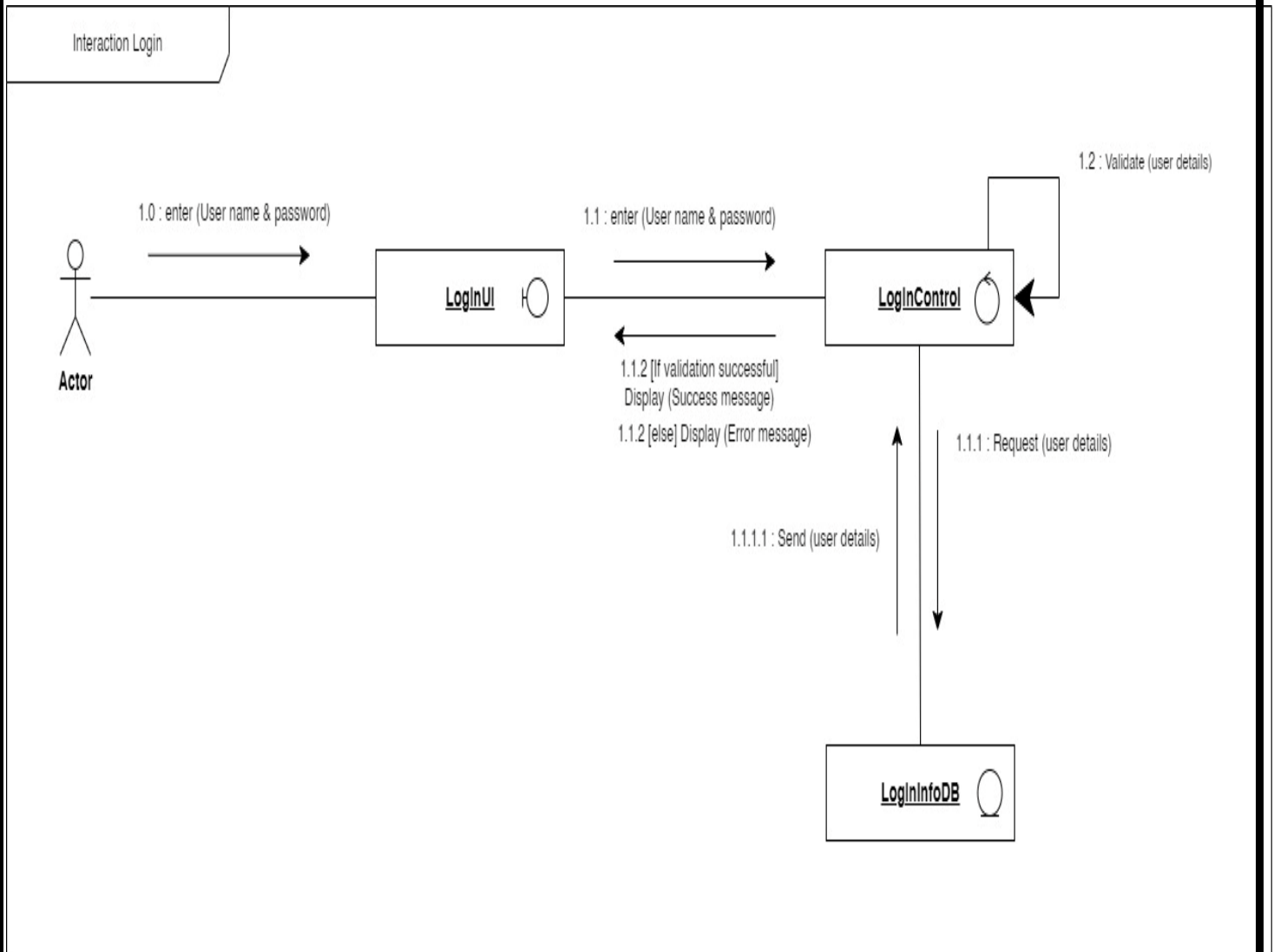
2. Sequence Diagram



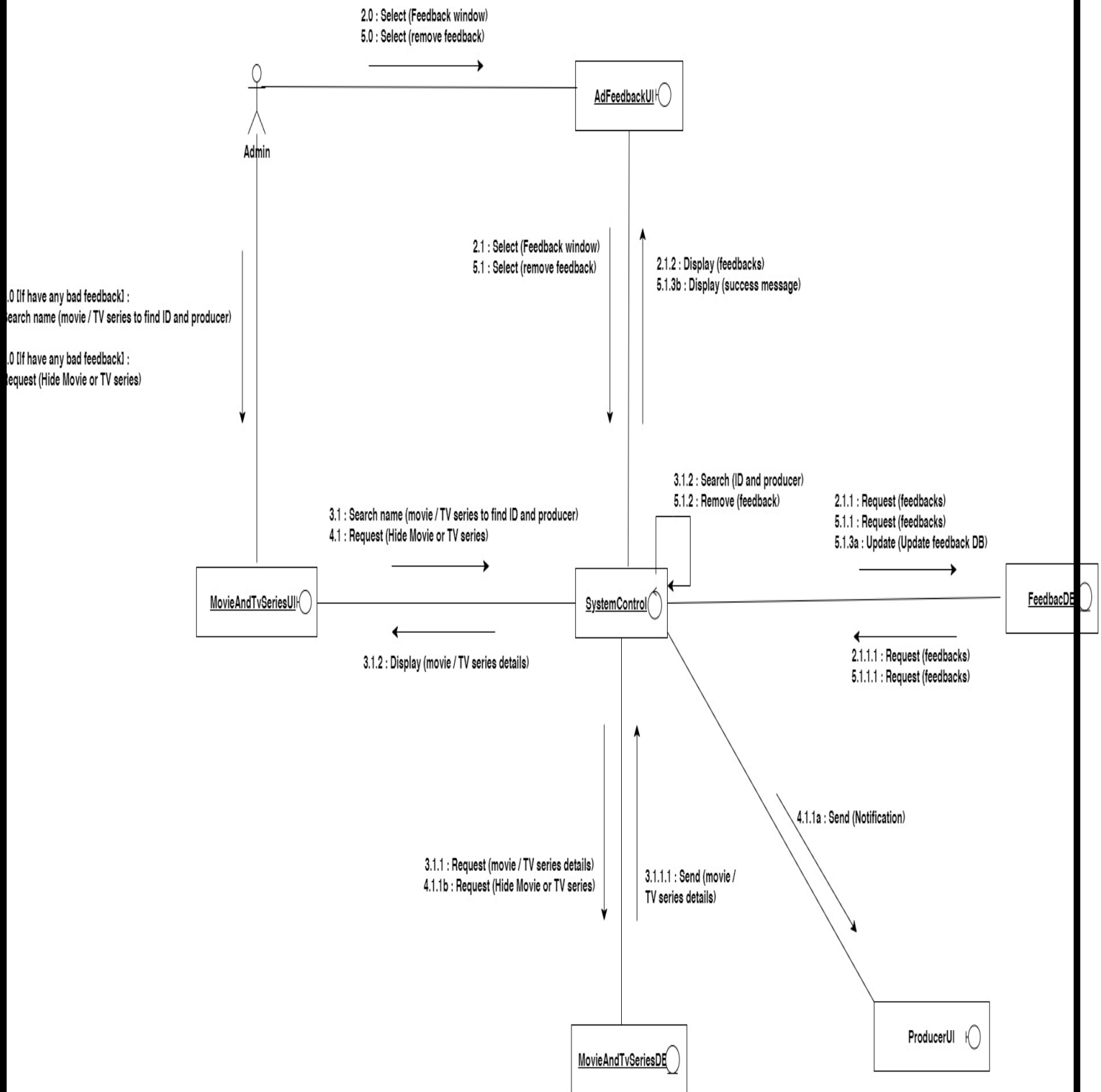
sd admin works on bad feedbacks



3. Communication Diagram



Interaction Managing feedbacks

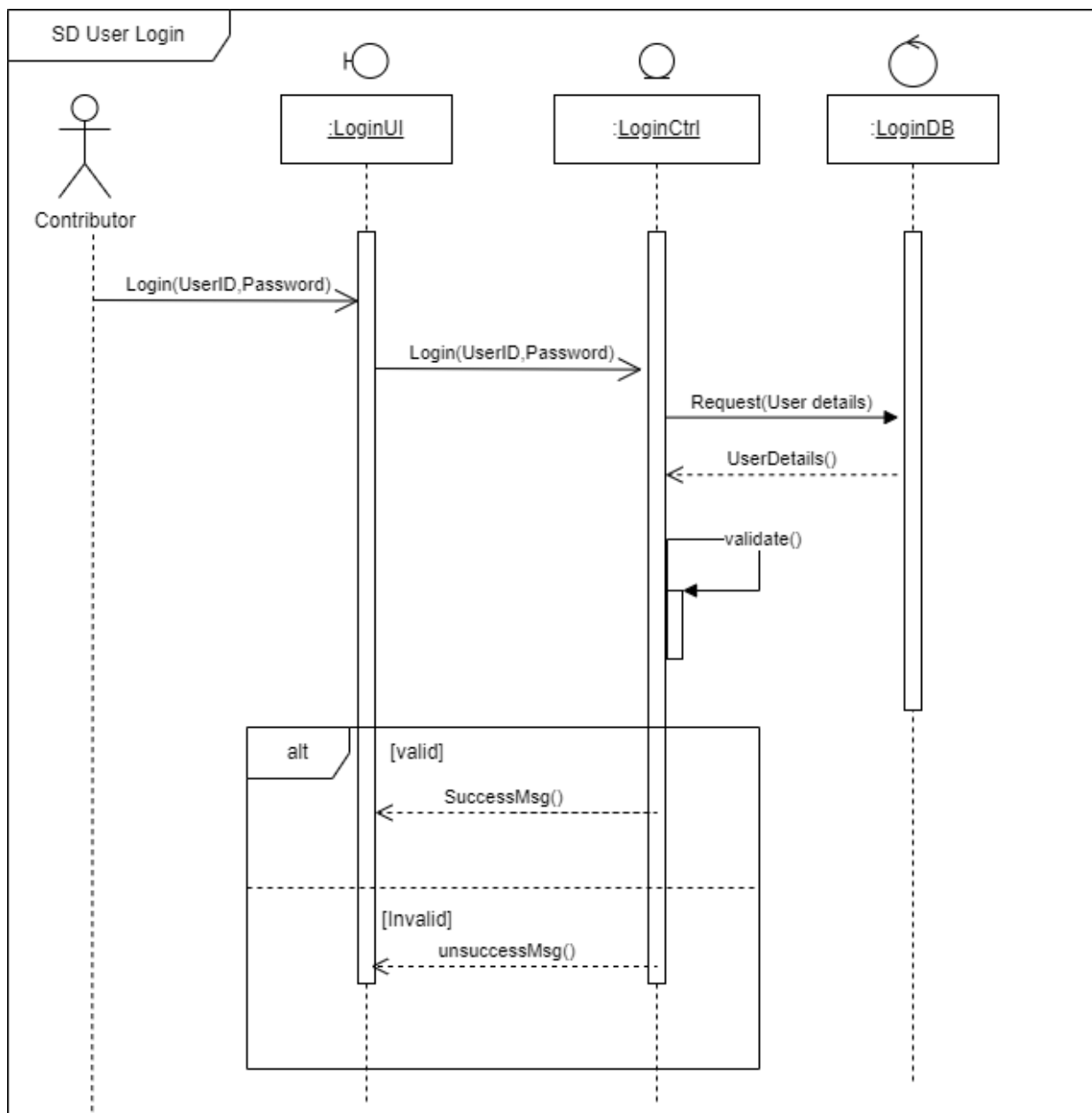


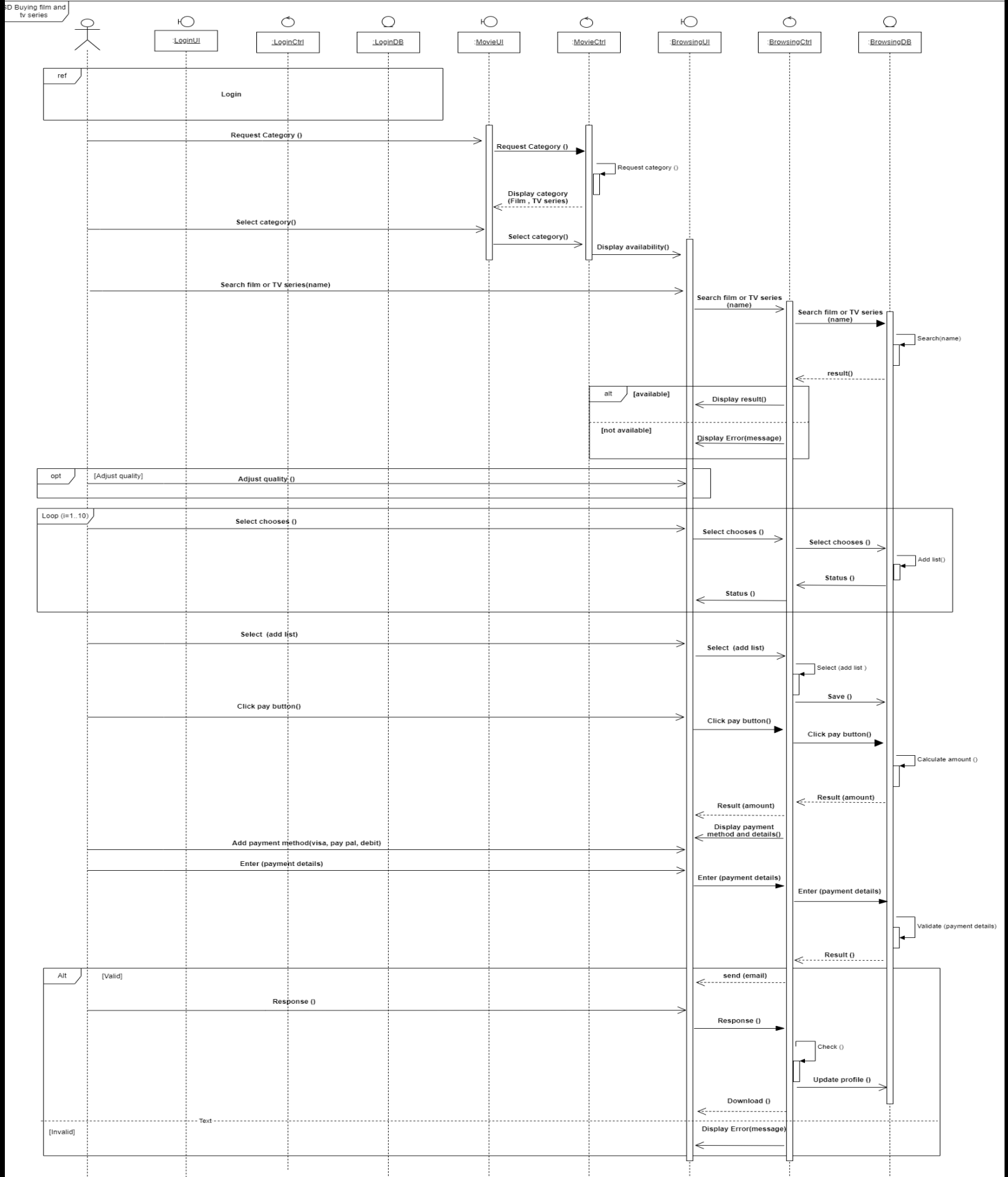
1. Use Case Scenario

User Case ID		
Use Case Name	Browsing Film or TV Series	
Summary	Customer browsing film or tv series by making payment, and the System confirms the deal	
Actors	Customer	
Priority		
Pre-condition	Customer must login to the system to buying a film or tv series	
Post-condition	Customer has successfully bought a film or tv series	
Trigger	Customer wants to buy a film or tv series	
Main Scenario	Step	Action
	1	User land into the system
	2	System display home page
	3	User login into the system
	4	System validates the login details
	5	System displays categories (films and tv series)
	6	User selects a category (film or tv series)
	7	System displays Browsing UI and display availability
	8	User checks availability and searches films and tv series with name
	9	System display result with quality
	10	User select chooses, for buying and adjusts quality
	11	System adds and updates the playlist
	12	After selecting, User clicks the pay button
	13	System calculates and display the total amount to be paid and valid user details with payment method
	14	User selects the payment method and enters pin number
	15	System verifies details and System sends an email to user, attaching all details (after few minutes)
	16	User responses email and confirms
	17	System checks response email and starts downloading
	18	User rates site
	19	System updates new deal details, to the user profile

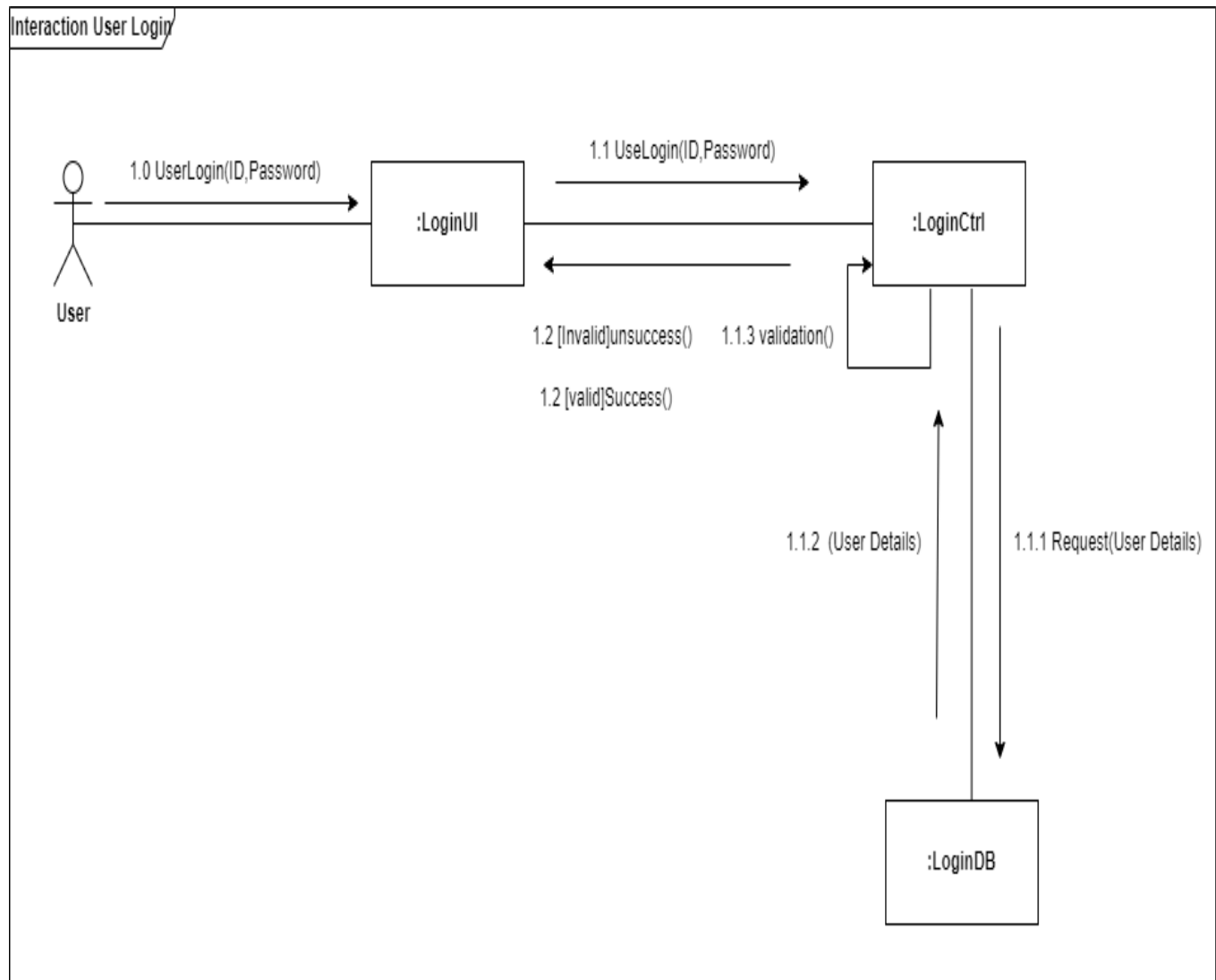
Extensions	Step 4.a 7.a 9.a 13.a 15.a	Branching Action If the username or password is invalid, prompting a message called "Invalid user" If the user selects the category as film, then show the available film or if the user selects the category as tv series, then show the available tv series If the user searches results not having, then display error message If details are invalid, display error message and changes wrong details If pin number is wrong, then display error message as "Invalid pin"

2. Sequence Diagram

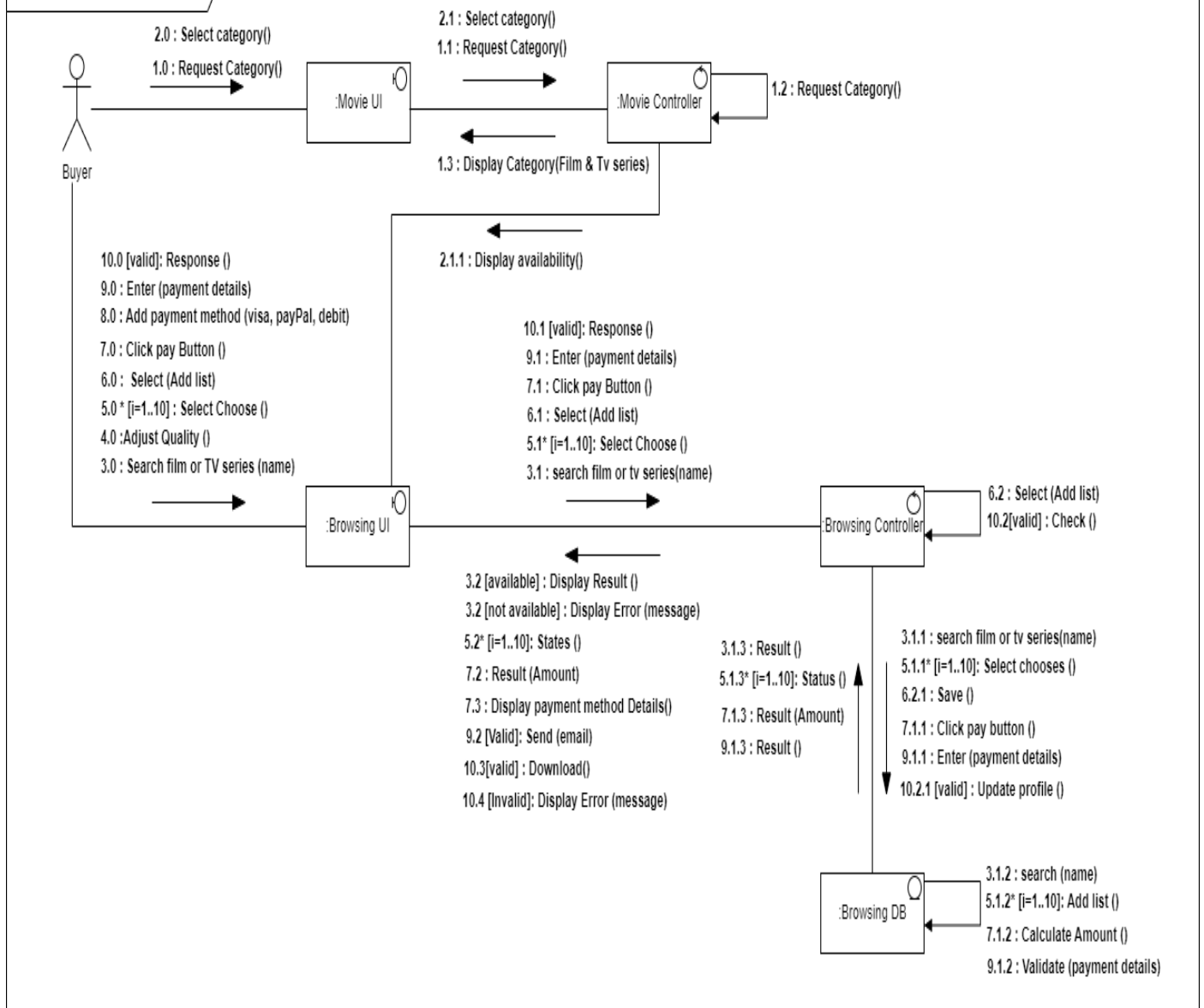




3. Communication Diagram



Interaction Browsing film and tv series

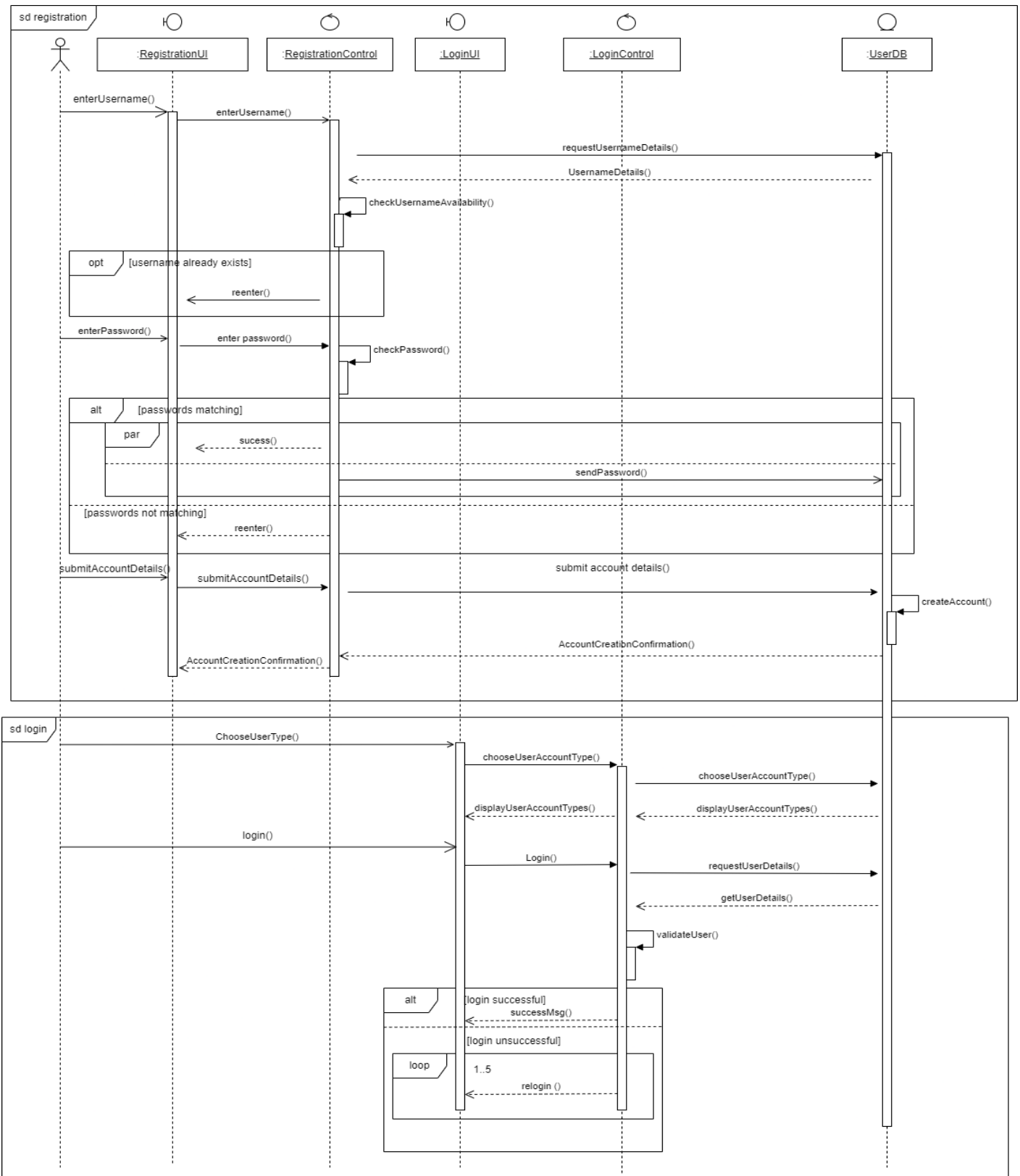


1. Use Case Scenario

Number		
Name	User Registration and Login	
Summary	A user of the system creates an account	
Priority		
Precondition	User browses the site	
Postcondition	Successful login	
Primary Actor(s)	User	
Trigger	User wants to buy a movie/tv series from the site	
Main Scenario	Steps	Actions
	1	The system asks user to select username, password, and provide other registration information.
	2	The user enters username of their choice.
	3	System checks whether the username is already in use.
	4	System ask user to enter a password.
	5	User enters a password.
	6	System asks user to retype the password
	7	User retypes the password.
	8	System checks whether the two passwords are identical.
	9	System accepts the information and creates an account and displays account creation confirmation.
	10	User goes to login page.
	11	System displays user types
	12	User choses the account type (Average user/ Contributor) and enters username and password.
	13	System checks the login credentials.
	14	User is redirected to successful login page.
Extensions	Step	Branching Action
	2	Username is already in use;
	2a	User is requested to select another username.
	8	If passwords are different;
	8a	User is requested to retype his/her password

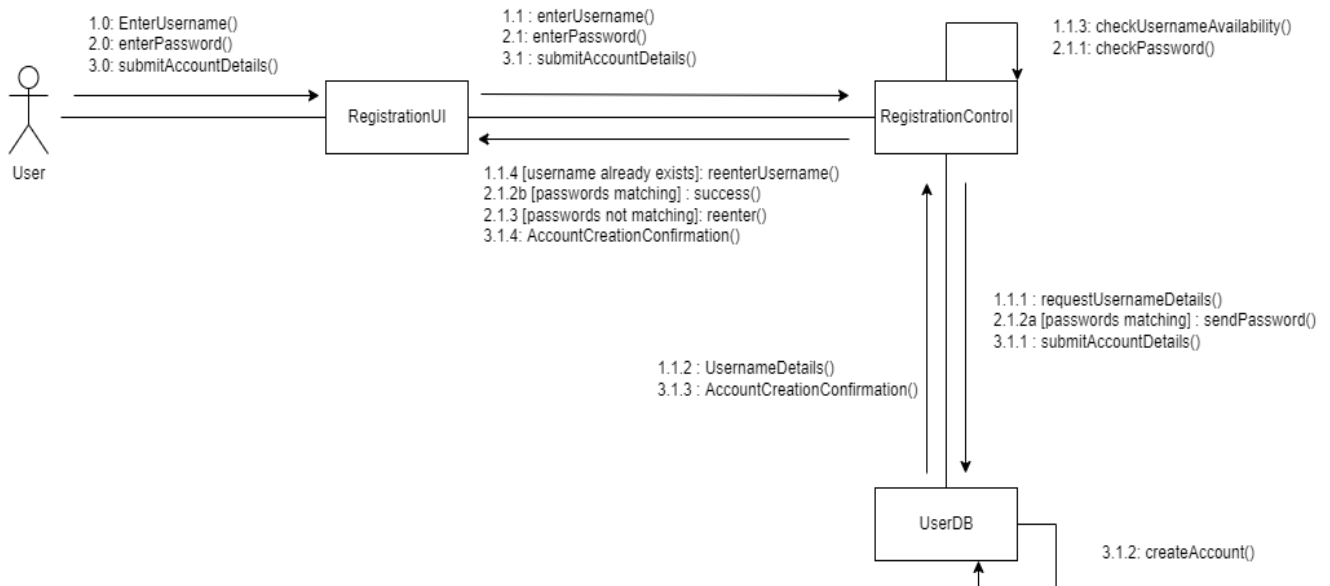
	13	If username or password is invalid;
	13a	User is requested to reenter username or password, 5 times until he/she enters valid credentials.
	13b	User is given the option to reset password.

2. Sequence Diagram

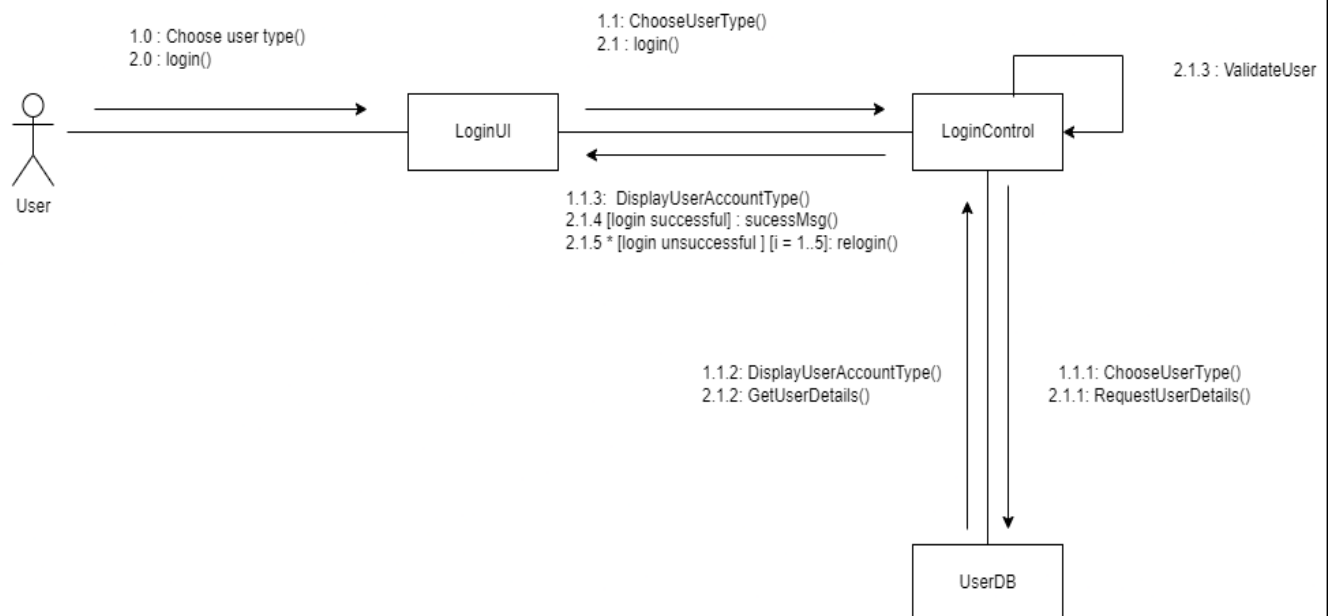


3. Communication Diagram

Interaction registration



Interaction Login



Individual Contributions

Reg No	Name	Function Name
IT21067860	Sithara K.P.W.D.O	<ol style="list-style-type: none"> Use case scenario Upload a video to the system Sequence Diagram <ul style="list-style-type: none"> Reference SD-Contributor login to the system SD-Contributor upload a video Communication Diagram <ul style="list-style-type: none"> Interaction Contributor login to the system Interaction Contributor upload a video
IT21058882	Kariyawasam K.H.M.S	<ol style="list-style-type: none"> Use case scenario Admin works on bad feedbacks Sequence Diagram <ul style="list-style-type: none"> Reference SD-Admin login to the system SD- Admin works on bad feedbacks Communication Diagram <ul style="list-style-type: none"> Interaction Admin login to the system Interaction Admin managing feedbacks
IT21067938	Randeni K.M.T.D	<ol style="list-style-type: none"> Use case scenario Browsing and Buying films and tv series Sequence Diagram <ul style="list-style-type: none"> Reference SD-User login to the system SD- Browsing and Buying films Communication Diagram <ul style="list-style-type: none"> Interaction User-login to the system Interaction Browsing and buying films and tv-series
IT21059636	Dematagoda H.A	<ol style="list-style-type: none"> Use case scenario User Registration and Login Sequence Diagram <ul style="list-style-type: none"> SD-registration SD-login Communication Diagram <ul style="list-style-type: none"> Interaction registration Interaction login