

# **IT2020 – Software Engineering**

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

### **Group Assignment**

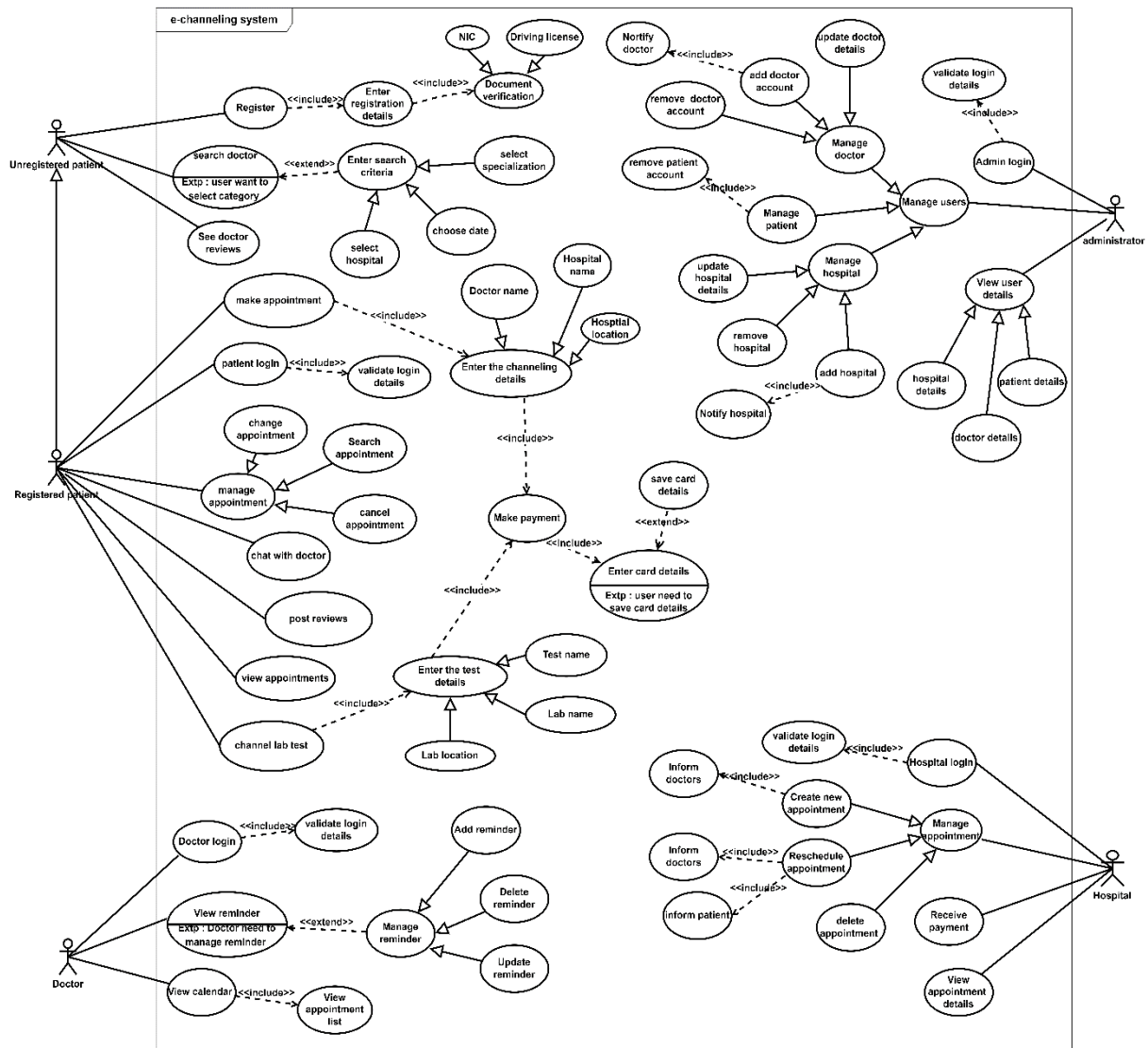
**<<Online E-channeling System>>**

#### **Group Details**

**Batch: Y2.S1.WD.IT**

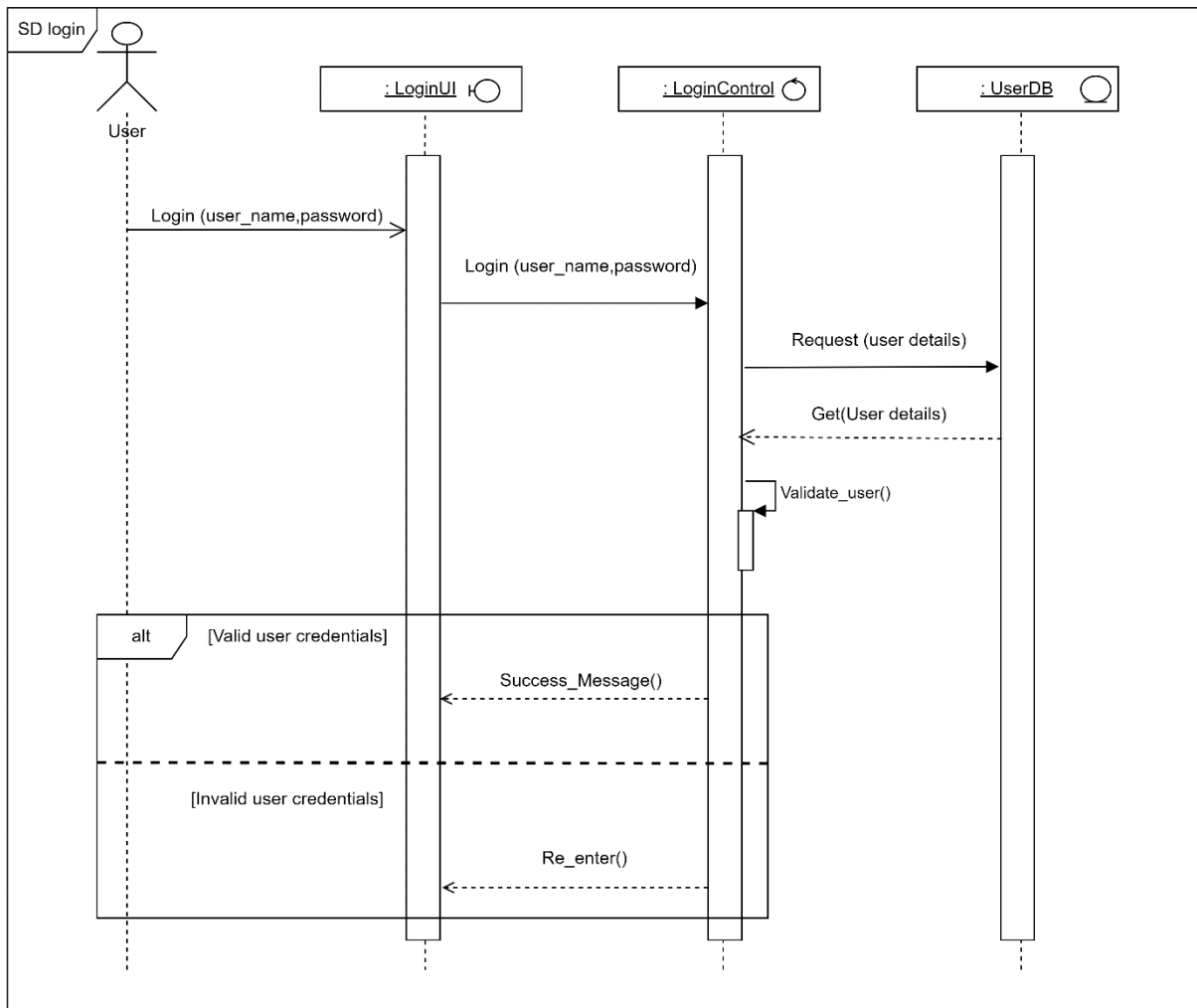
**SE/OOP Group Number: MLB - WD - 18**

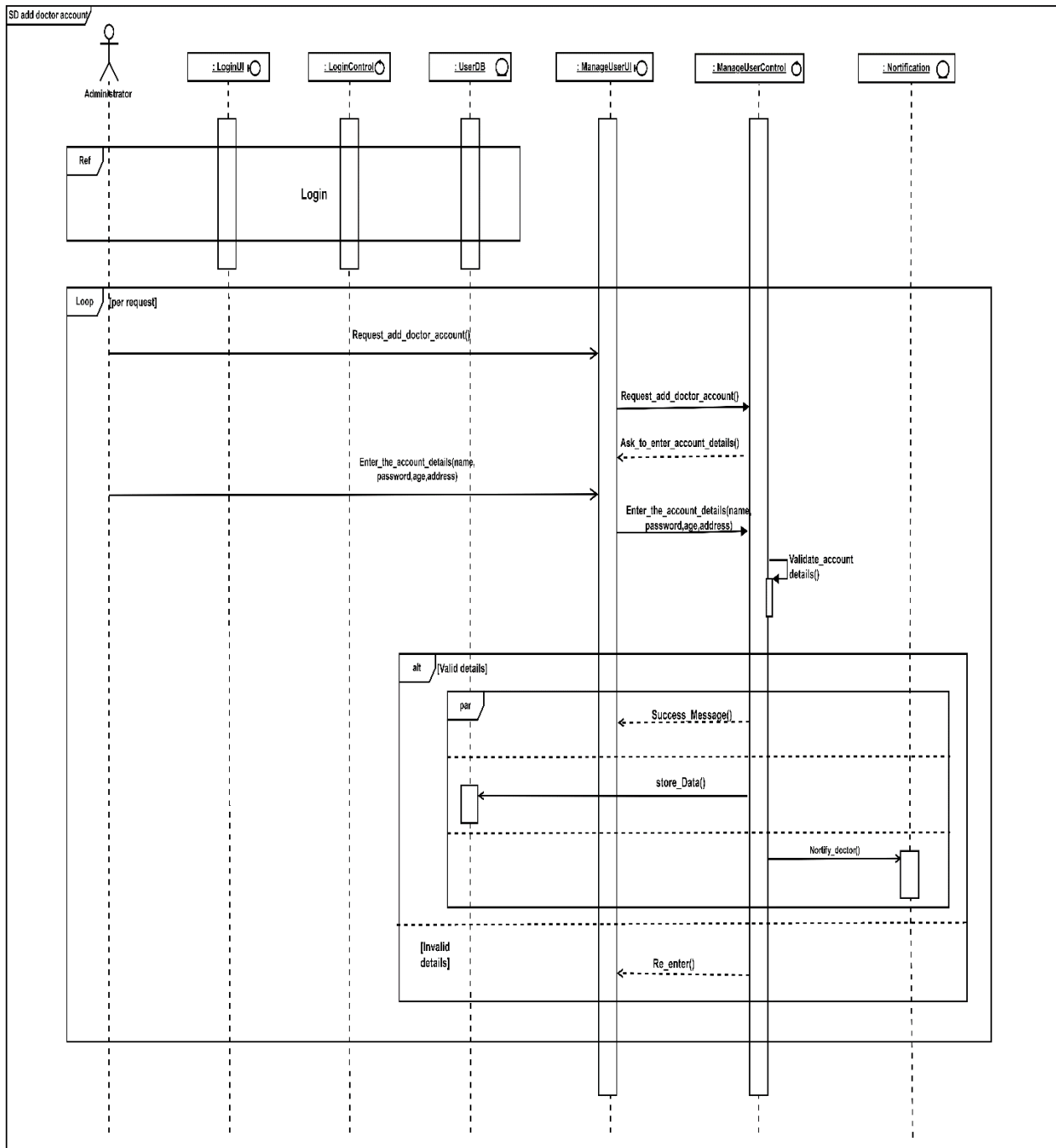
	<b>Student Registration Number</b>	<b>Student Name</b>
<b>1</b>	IT21011870	Gunasekara S.N.W
<b>2</b>	IT20611088	Jayakody D.M.L.D
<b>3</b>	IT21055362	Kumari K. A. D. H
<b>4</b>	IT21012488	Shavinda H.K.L.

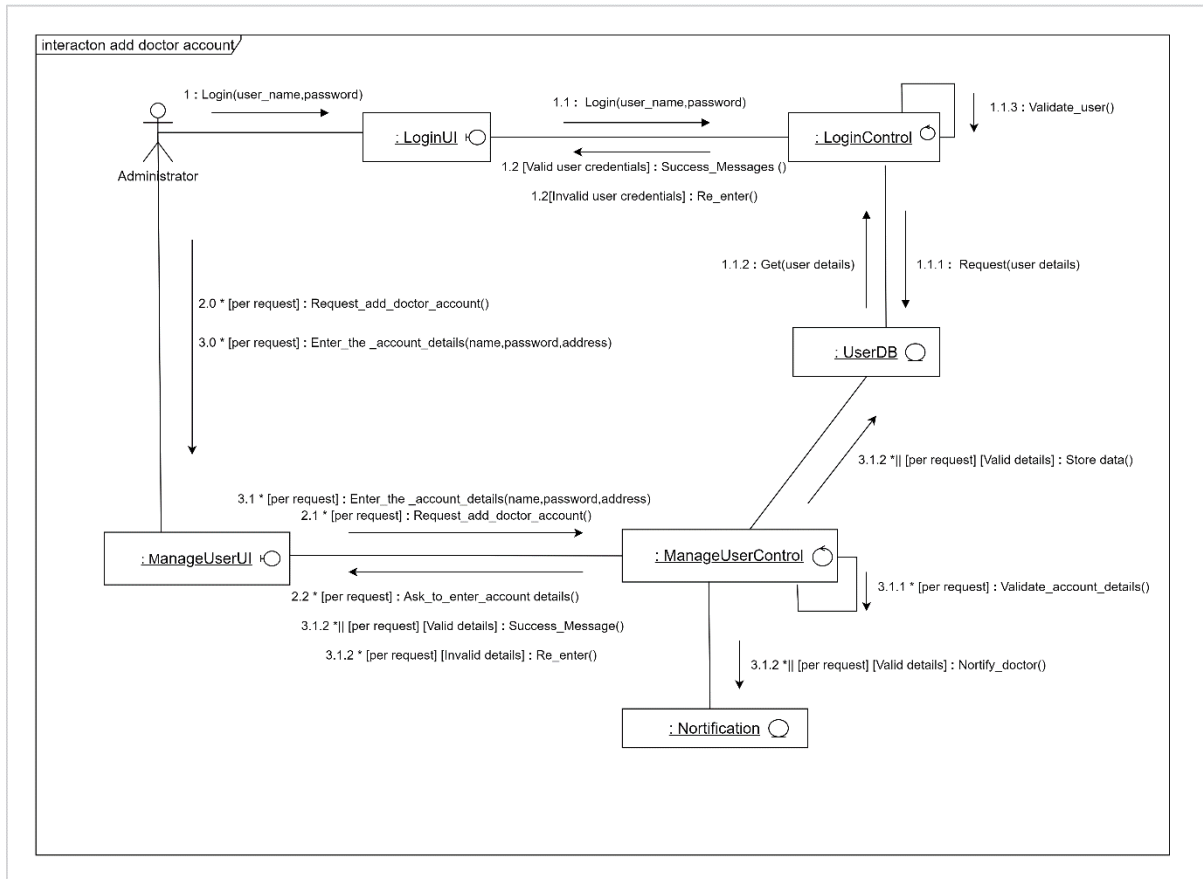


## IT21011870

<b>Number</b>	1	
<b>Name</b>	Add doctor account.	
<b>Summary</b>	Administrator can add doctor account.	
<b>Priority</b>	5	
<b>Pre-conditions</b>	Login to the system	
<b>Post-conditions</b>	View doctor account	
<b>Primary Actor(s)</b>	Administrator.	
<b>Secondary Actor(s)</b>	Doctor	
<b>Trigger</b>	Administrator has chosen to add doctor account.	
<b>Main scenario</b>	<b>Steps</b>	<b>Actions</b>
	1.	System display the greeting message
	2.	Administrator click on Manage users
	3.	System display Account types
	4.	User click on Manage doctor
	5.	System display Manage options
	6.	User click on add doctor account
	7.	System asks to enter the details.
	8.	User enter the details.
	9.	System validates the details
	10.	System displays the message (“Successfully created doctor account”)
	11.	Store new data in database
	12.	Notify doctor
<b>Extension</b>	<b>Steps</b>	<b>Actions</b>
	9.a	If details are invalid user has to enter details again
<b>Open issues</b>		
	8	Should system allow to modified entered details before store in database

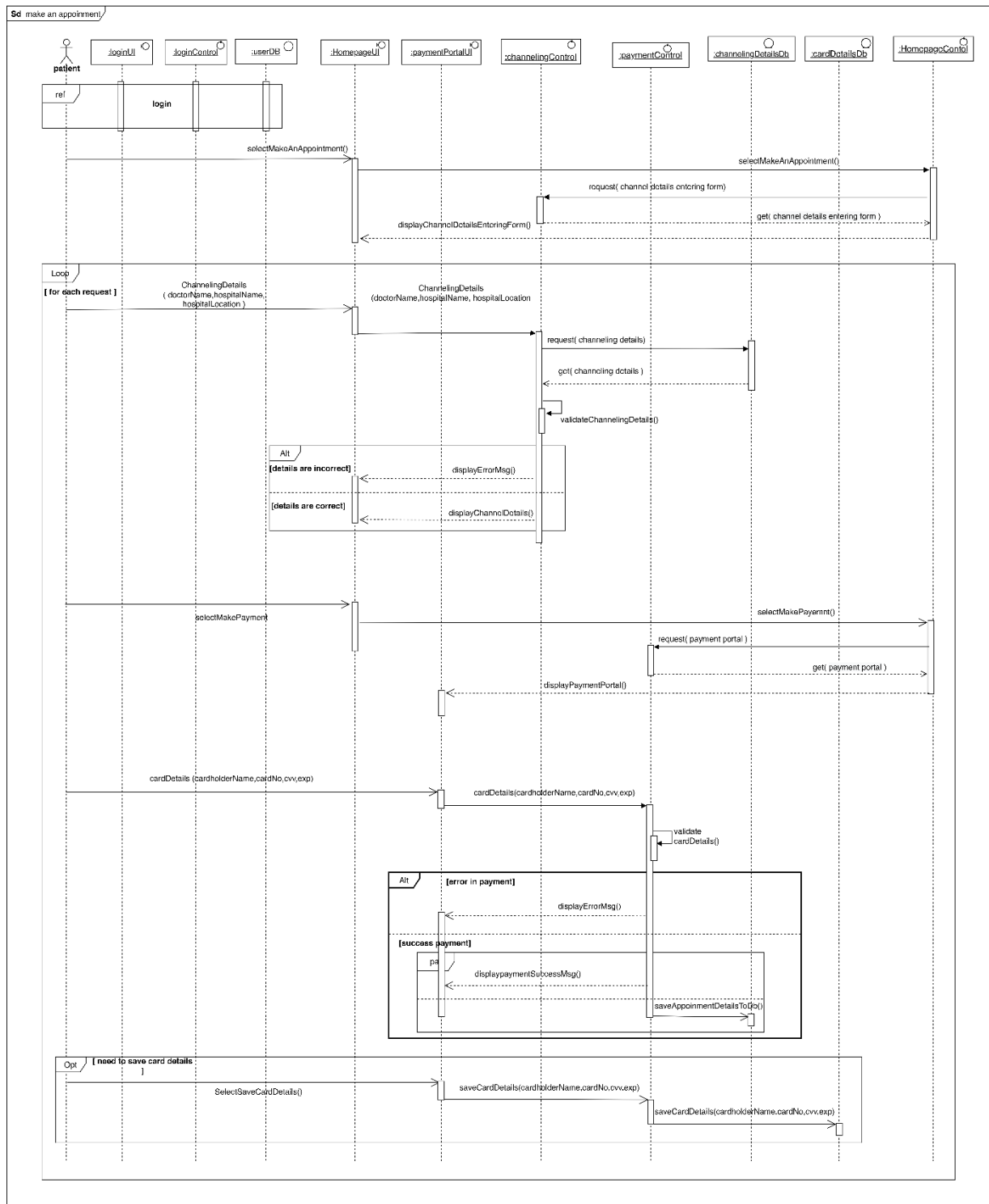






**IT20611088**

<b>Number</b>	2	
<b>Name</b>	Make an appointment	
<b>Summary</b>	Make an appointment	
<b>Priority</b>	5	
<b>Pre-conditions</b>	Patient has logged into the system successfully Patient must be a registered patient	
<b>Post-condition</b>	Patient has made an appointment	
<b>Primary Actor</b>	Registered patient	
<b>Trigger</b>	Patient has chosen to make an appointment	
<b>Main Scenario</b>	<b>Step</b>	<b>Action</b>
	1	System displays the Registered patient home page
	2	User selects the option to make an appointment
	3	System prompts the patient to enter the channel details
	4	Patient enters the channel details
	5	System validates the details
	6	User clicks on the option to enter payment details
	7	System prompts the payment portal
	8	User Enter the card details
	9	System validates the card details
	10	Confirmation message will be displayed by the system
<b>Extensions</b>	<b>Step</b>	<b>Branching Action</b>
	5a	System displays that data entered is in an invalid format
	5b	System prompts the patient to entered data
	9a	System displays that data entered is in an invalid.
	9b	System prompts the patient to entered data

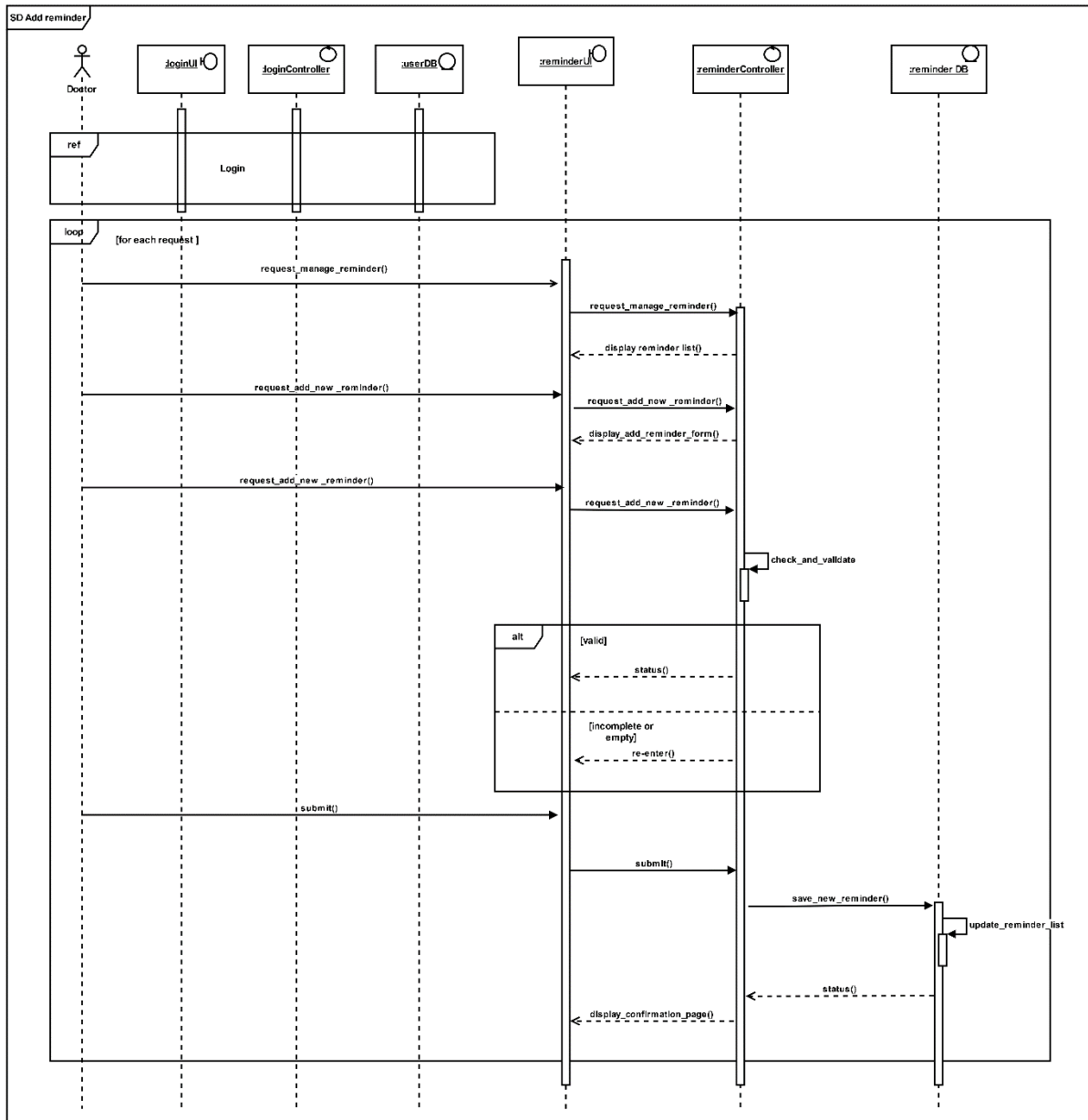


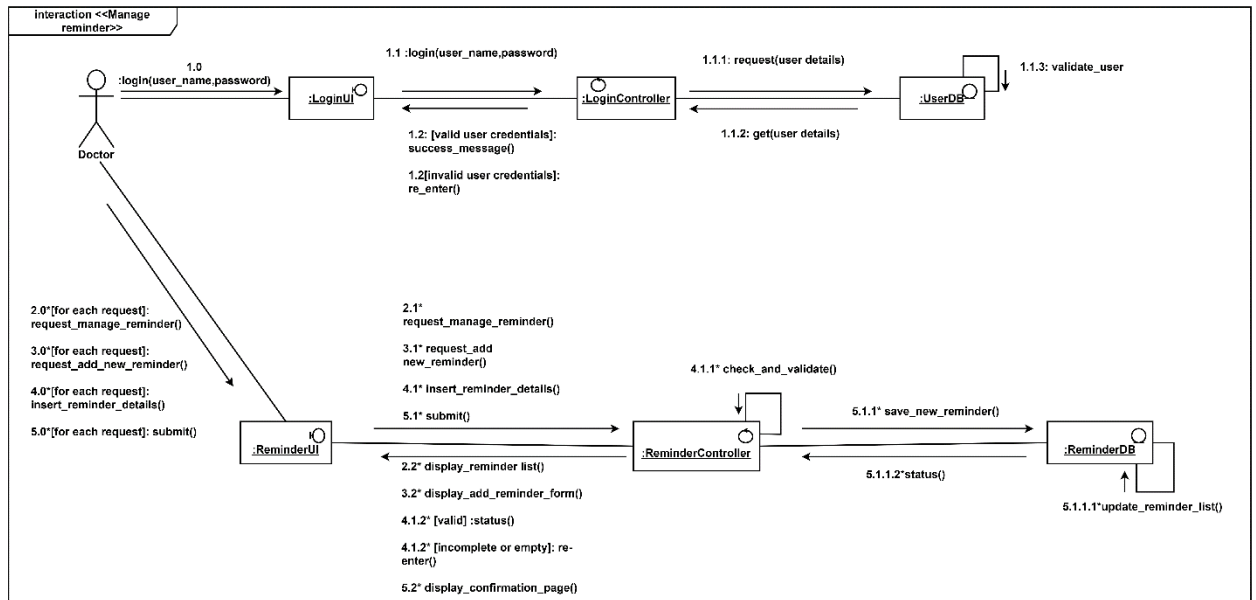




## IT21055362

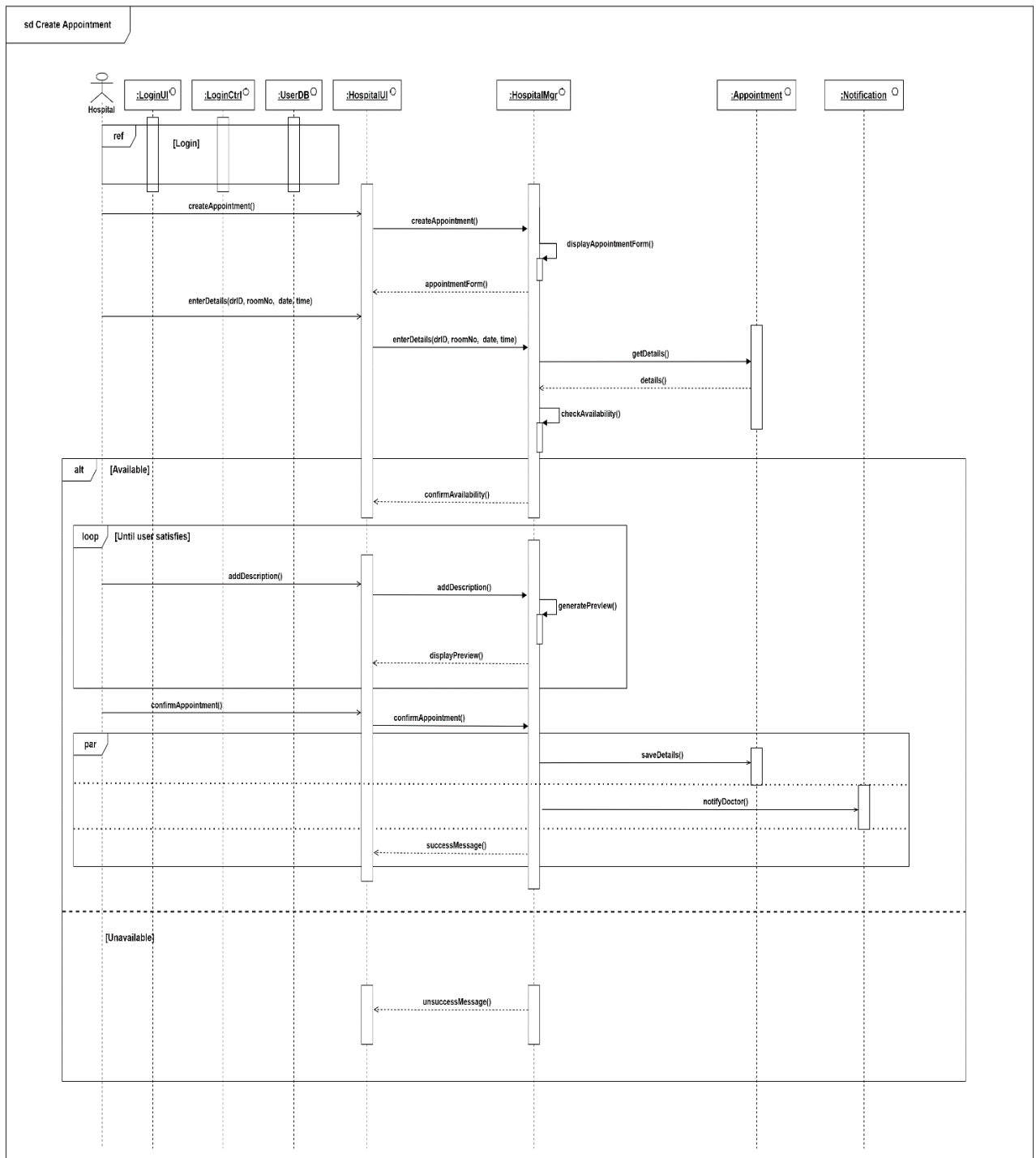
Number	3	
Name	Add reminders	
Summary	Doctor can add reminders.	
Priority	5	
Pre-conditions	Login to the system	
Post-conditions	View the reminder list	
Primary actors	Doctor	
Trigger	Doctor has chosen to add reminders	
Main scenario	Steps	Actions
	1	User login to the system
	2	User clicks on manage reminder option
	3	System displays reminder list
	4	User clicks Add new reminder
	5	System displays the add new reminder form and asks to enter details
	6	User enters the details
	7	System check and validate the details
	8	System display success message ("new reminder added")
Extensions	Steps	Branching Actions
	7.a	If the add new reminder form is incomplete or empty system will ask to re-enter details

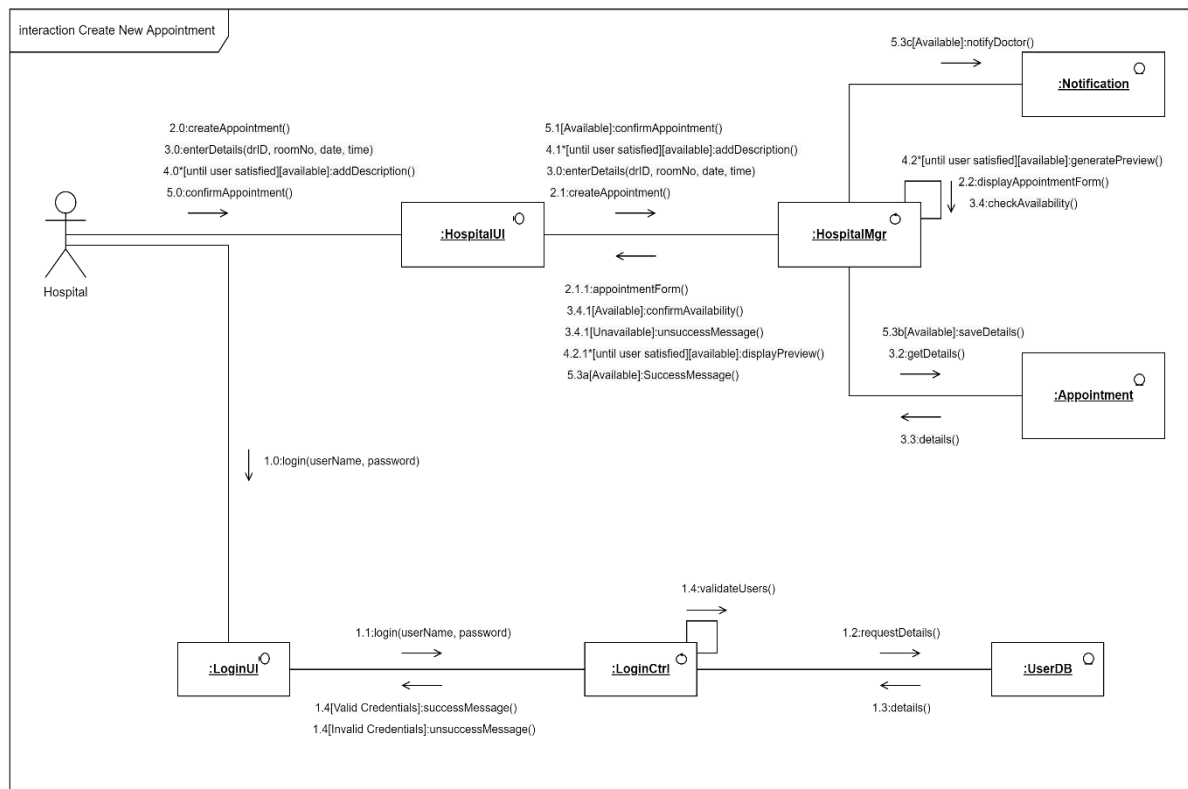




**IT21012488**

<b>Number</b>	4	
<b>Name</b>	Create an appointment	
<b>Summary</b>	Hospital Reschedule Appointments	
<b>Priority</b>	5	
<b>Preconditions</b>	User must be a hospital	
<b>Postconditions</b>	User has rescheduled an appointment	
<b>Primary Actors</b>	Hospital	
<b>Secondary Actors</b>	Doctor	
<b>Trigger</b>	User has chosen to manage appointment	
<b>Main Scenario</b>	<b>Step</b>	<b>Action</b>
	1	Include:: (Login)
	2	System displays user interface for hospital
	3	User selects the manage tab on the navigation bar
	4	System displays the drop-down menu
	5	User selects the "Create an appointment" option
	6	System displays "Create appointment" form
	7	User enters Doctor id, room number, date, and time.
	8	System checks if an appointment can be arranged according to the given details.
	9	System displays an appointment can be arranged according to the given details.
	10	User adds a description for the appointment
	11	System displays the appointment preview.
	12	User confirms the changes
	13	System displays the success message, meanwhile sending a message to the relevant doctor about the updated appointment
<b>Extension</b>	<b>Step</b>	<b>Action</b>
	9a	System displays an appointment cannot be arranged according to the given details.





## Contribution

Reg .No	Name	Function Name
IT21011870	Gunasekara S.N.W	Add doctor account login
IT20611088	Jayakody D.M.L.D	Make an appointment
IT21055362	Kumari K. A. D. H	Add reminder
IT21012488	Shavinda H.K.L.	Create an appointment