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Roll no 19p-1672

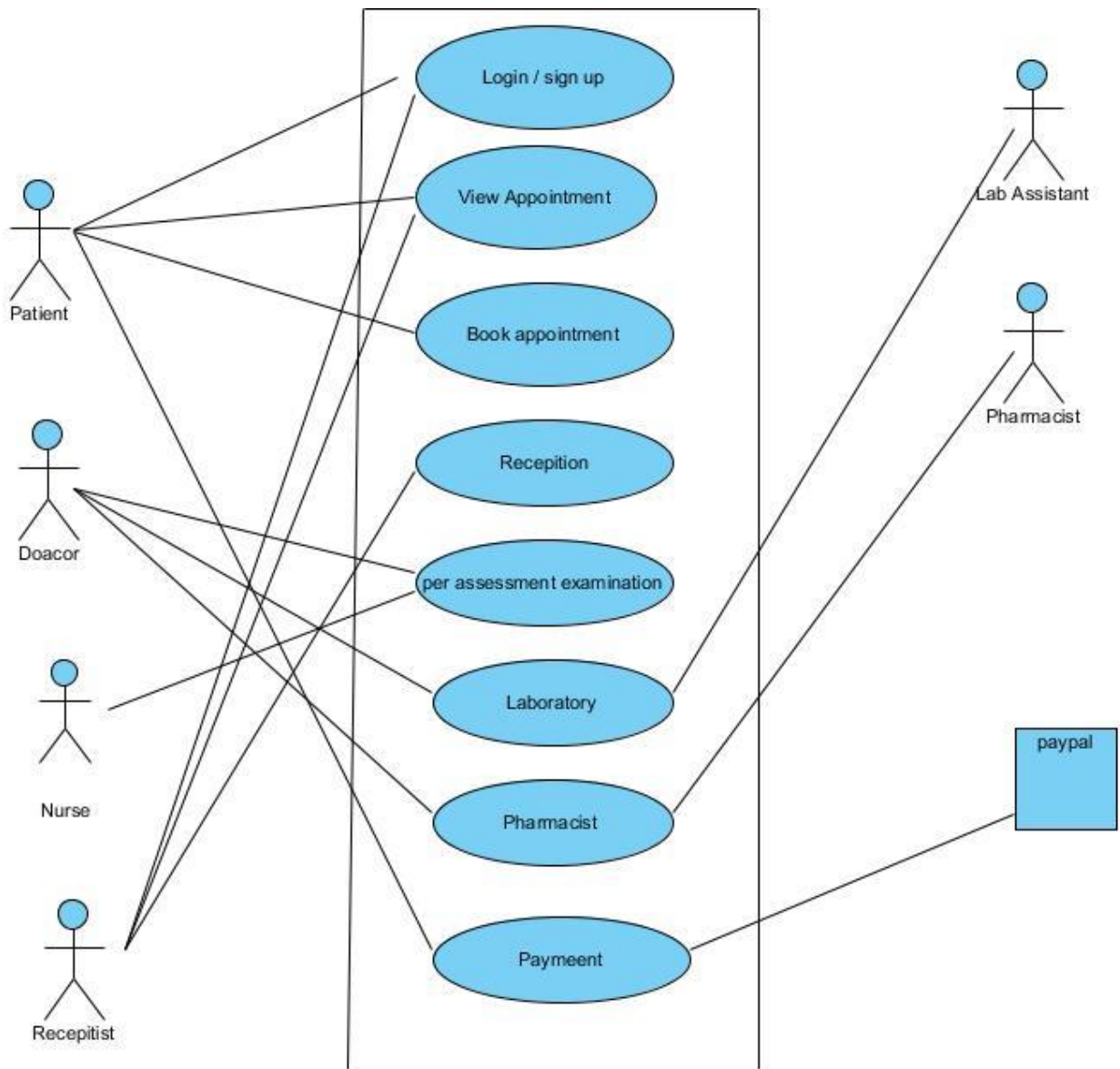
Lab task: 2

Lab Task # 2

After capturing functional requirements through user-story cards in task # 1, state non-functional requirements as well for HMS.

Requirement Analysis

User Stories card would help you to capture use-cases. Identify actors from story cards and draw use-cases for HMS.



	Login/signup	
• Summary	To access and enter these website	
• Dependency	none	

• Actors	Patients, Receipts'
• Preconditions	Show home page
• Flow of Events	Activity Diagram
• Alternatives	if the system does not match password then reset
• Post condition	Login successfully

	View appointment
• Summary	Check all the appointment history and later appointment
• Dependency	Login/sign up, Book Appointment
• Actors	Patients, Receipts'
• Preconditions	Display the list of appointment.
• Flow of Events	Activity Diagram
Alternatives	If the patients not signup or login and Book the Appointment so patient not see the list
	If patients open the list directly without book appointment show the Book Appointment screen show
• Post condition	See the appointment history, receipts see the all appointment list.

	Book appointment
• Summary	Booking the appointment with relater diagnose doctor
• Dependency	Sign up/login

• Actors	Patients, receipts
• Preconditions	Sign up / login ,
• Flow of Events	Activity Diagram
Alternatives	if the appointment is not book,then complete your info and book apooointment
	If book appointment is cancel means the doctor not available that time so your appointment is cancel
• Post condition	Confirmation massages display your appointment is book

	Receptionist
• Summary	The receptionist
• Dependency	Sign up/login, view appointment
• Actors	Receipts
• Preconditions	View appointment list and check which doctor available
• Flow of Events	Activity Diagram
Alternatives	If the patient does not register these websites the receipts firstly register the patients and the book the appointment than she assigns the number
• Post condition	After the view appointment she assign a token no

	Pre-assesment examination
• Summary	Examine the patient based on problem explain by the patient and according to that explanation or by viewing the patient history and diagnose it and generate a report.
• Dependency	Sign up / login, view Appointment

• Actors	Nurse, doctor
• Preconditions	See the profile of patient and update and add the description, and doctor see the
• Flow of Events	Activity Diagram
Alternatives	If the nurse does not update the profile of patients. its check the
• Post condition	Add the description for the see the doctor.

	laboratory
• Summary	process the specimens, analyze and generate the test result
• Dependency	Sign up / login,
• Actors	lab assistant
• Preconditions	Doctor send the medical test of patients to the lab assistant and assistant see the test of patient
• Flow of Events	Activity Diagram
Alternatives	the lab assistant receives a message from doctor but not see the patient reports .
	Lab assistant reopens the browser and see this face same issue, so he has access to see patient report description.
• Post condition	Lab assistants send the test report to doctor and also update the patients description.

	pharmacist
• Summary	See the prescription made by the doctor for patient
• Dependency	none
• Actors	pharmacist

•	Preconditions	Doctor send the medicine description the pharmacist see the description and ready the doctor
•	Flow of Events	Activity Diagram
	Alternatives	none
•	Post condition	handover the medicine to the patient

	payement	
•	Summary	to see the patient payment history and also see If the patients purchase medicine then he /she pay for that if the patients just only checkup with the doctor and not purchase the medicine then he/she pay for medicine
•	Dependency	paypal
•	Actors	patient
•	Preconditions	but the medicine then pay for it
•	Flow of Events	Activity Diagram
	Alternatives	If the system paypal not working, the server is down
		You pay by your easy-peasy account if the money is present in your account
		If your all account have no money you can pay with your cash
•	Post condition	payment is deposit successfully/