

MEDICONNECTION

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1. BOOK APPOINTMENT USE CASE SCENARIO

USE CASE NAME:	BOOK APPOINTMENT		USE CASE TYPE Business Requirements: <input checked="" type="checkbox"/>
USE CASE ID:			
PRIORITY:			
PRIMARY BUSINESS ACTOR:	Randy(PATIENT)		
OTHER PARTICIPATING ACTORS:	<ul style="list-style-type: none">DOCTOR		
OTHER INTERESTED STAKEHOLDERS:	<ul style="list-style-type: none">		
SHORT DESCRIPTION:			
PRE-CONDITION:	<ul style="list-style-type: none">a. Randy has downloaded and installed the MediConnection app on his smartphone.b. Randy has registered an account on the app and logged in successfully.c. At least one doctor has registered on the app and made their availability schedule visible to patients		
TRIGGER:			
TYPICAL COURSE OF EVENTS:	Actor Action		System Response
	Step 1:		Step 2:
	<ul style="list-style-type: none">a. Randy taps the MediConnection app on his smartphone.		<ul style="list-style-type: none">a. The app opens up showing the home user interface
	<ul style="list-style-type: none">b. He selects the "Book Appointment" from the app's main menu.		<ul style="list-style-type: none">b. The app displays a list of available doctors along, their specialties and available time slots.
	<ul style="list-style-type: none">c. Randy selects a doctor whose availability matches his schedule.		<ul style="list-style-type: none">c. The app shows the doctor's calendar with the available dates and time slots marked as available or booked.
	<ul style="list-style-type: none">d. Randy selects a date and time, and the app confirms the appointment with the doctor.		<ul style="list-style-type: none">d. The app sends a notification to the doctor with details of Randy's appointment, including the date, time, and reason for the visit. <p>The app also sends a confirmation message to Randy with the appointment details.</p>
	<ul style="list-style-type: none">e. Randy adds the appointment to his personal calendar on the app.		<ul style="list-style-type: none">e. The app sets a reminder for him to attend the appointment on time.

ALTERNATE COURSES:	There are no available appointment slots for patients to book with a particular doctor.	
	Randy can request an appointment directly with the doctor.	
	The doctor then makes an appointment available for the patient to access through the appointment tab.	
CONCLUSION:		
POST-CONDITION:	<ul style="list-style-type: none"> a. Randy has successfully booked an appointment with the doctor using the hospital medication app. b. The doctor has received a notification of the appointment and added it to their calendar. c. The app has set a reminder for John to attend the appointment on time 	
BUSINESS RULES:		
IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:		
ASSUMPTIONS:		
OPEN ISSUES:	1.	

2. ACCESS MEDICATION USE CASE SCENARIO

USE CASE NAME:		ACCESS MEDICATION		USE CASE TYPE Business Requirements: 
USE CASE ID:				
PRIORITY:				
PRIMARY BUSINESS ACTOR:		FATEMA(PATIENT)		
OTHER PARTICIPATING ACTORS:		<ul style="list-style-type: none">• DOCTOR		
OTHER INTERESTED STAKEHOLDERS:		<ul style="list-style-type: none">•		
SHORT DESCRIPTION:				
PRE-CONDITION:		<ul style="list-style-type: none">a. Fatema has downloaded and installed the hospital medication app on her smartphone.b. Fatema has created an account on the app and logged in successfully.		

	c. The doctor prescribed her medication and added the prescription to Fatema's Medical Record. d. The doctor has created a schedule for the Prescription, specifying the start date, end date, and frequency of the medication. e. The Doctor adds schedule information to the Patient's Medical Record.	
TRIGGER:		
TYPICAL COURSE OF EVENTS:	Actor Action	System Response
	Step 1:	Step 2:
	a. Fatema taps the hospital medication app on her smartphone.	a.The app opens on her phone showing the home interface
	b. Fatema selects the "Medication" option from the app's main menu.	b.The app displays a list of medications that Fatema has been prescribed.
	c. Sarah selects the medication she wants to access from the list.	c. The app shows the current dosage and frequency of the medication that has been recorded in her profile
ALTERNATE COURSES:		
CONCLUSION:		
POST-CONDITION:	a. Sarah has successfully accessed her medication and dosages on the hospital medication app.	
BUSINESS RULES:		
IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:		
ASSUMPTIONS:		
OPEN ISSUES:	3.	

3.CONTACT DOCTOR USE CASE SCENARIO

USE CASE NAME:	CONTACT DOCTOR	
USE CASE ID:		
PRIORITY:		
PRIMARY BUSINESS ACTOR:	AREEB (PATIENT)	
OTHER PARTICIPATING ACTORS:	<ul style="list-style-type: none"> • DOCTOR 	
OTHER INTERESTED STAKEHOLDERS:	<ul style="list-style-type: none"> • 	
SHORT DESCRIPTION:		
PRE-CONDITION:	<ul style="list-style-type: none"> a. Areeb has downloaded and installed the hospital medication app on her smartphone. b. Areeb has created an account on the app and logged in successfully. c. Areeb's doctor has registered on the app and linked with her patient profile. 	
TRIGGER:		
TYPICAL COURSE OF EVENTS:	Actor Action	
	Step 1:	
	a. Areeb taps the hospital medication app on her smartphone.	a. The app opens up on his phone with the home interface
	b. Areeb selects the "Contact Doctor" option from the app's main menu.	b. The app displays a list of doctors linked to her patient profile.
	c. Areeb selects her doctor from the list and sends a message requesting a consultation.	c. The doctor receives the message and responds with a message offering to schedule a virtual consultation.
	d. Areeb attends the consultation with the doctor using the app's conferencing feature.	
ALTERNATE COURSES:		
CONCLUSION:		

POST-CONDITION:	<ul style="list-style-type: none"> a. Areeb has successfully communicated with her doctor using the hospital medication app's conferencing feature. b. The app has recorded Areeb's communication with her doctor in her medical records.
BUSINESS RULES:	
IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:	
ASSUMPTIONS:	
OPEN ISSUES:	