



CS01 Task 07: Domain Model and Sequence Diagram

Mental Health Care Patient Management System (MHC-PMS)

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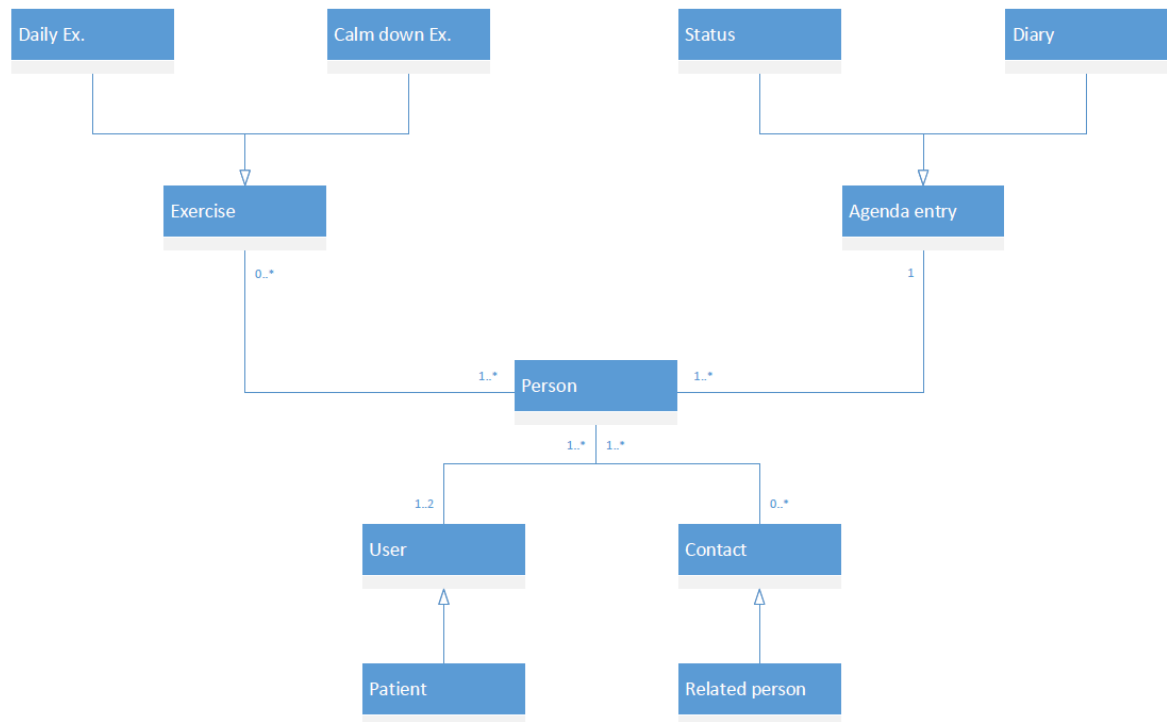


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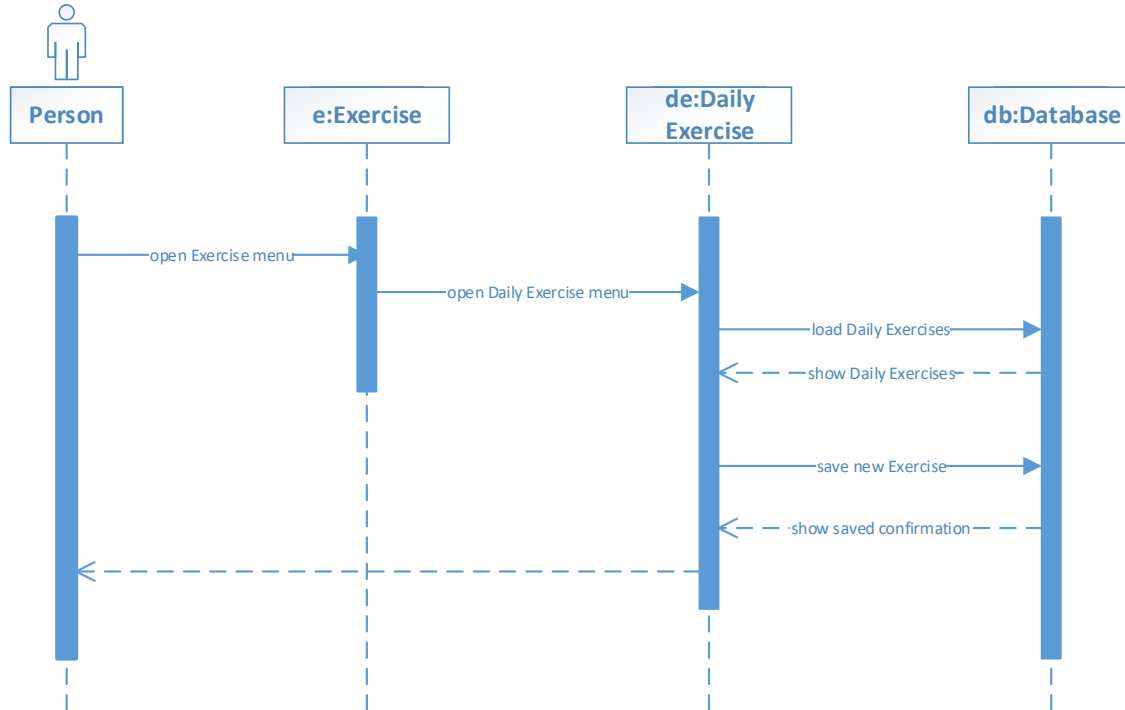
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1 UML Domain Model

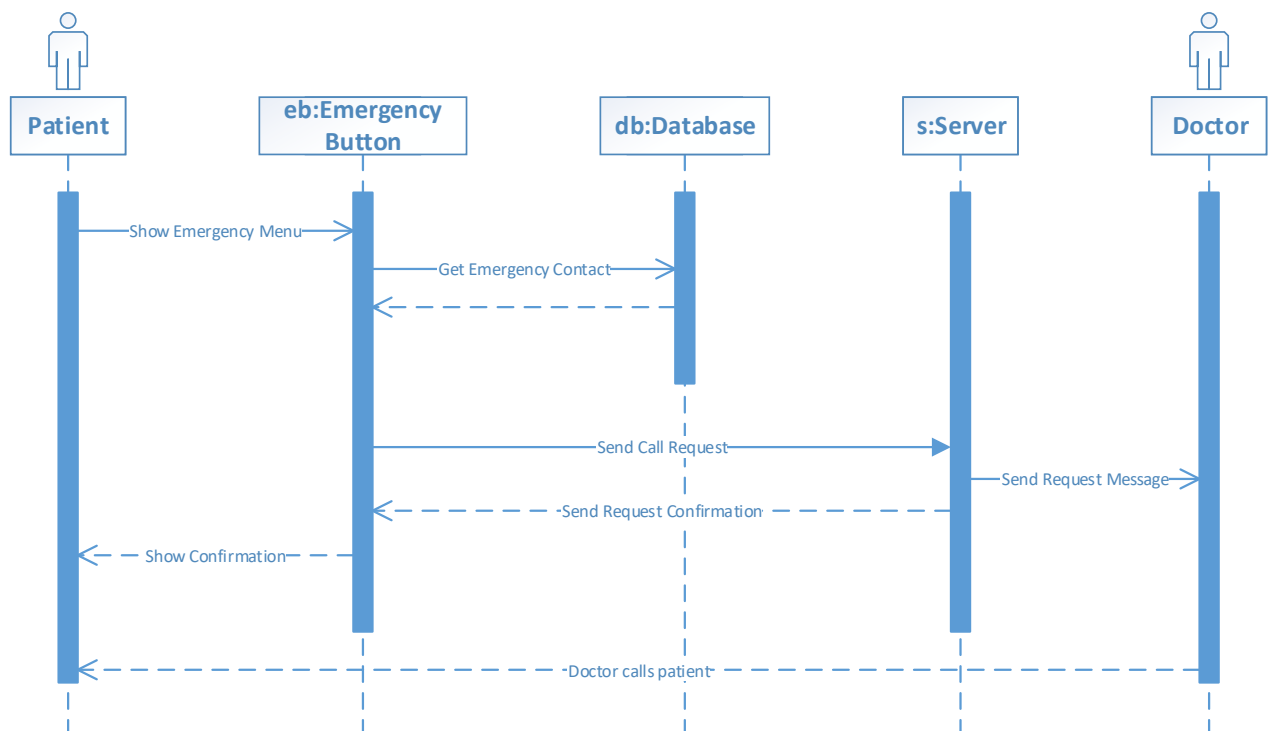


2 UML Sequence Diagram

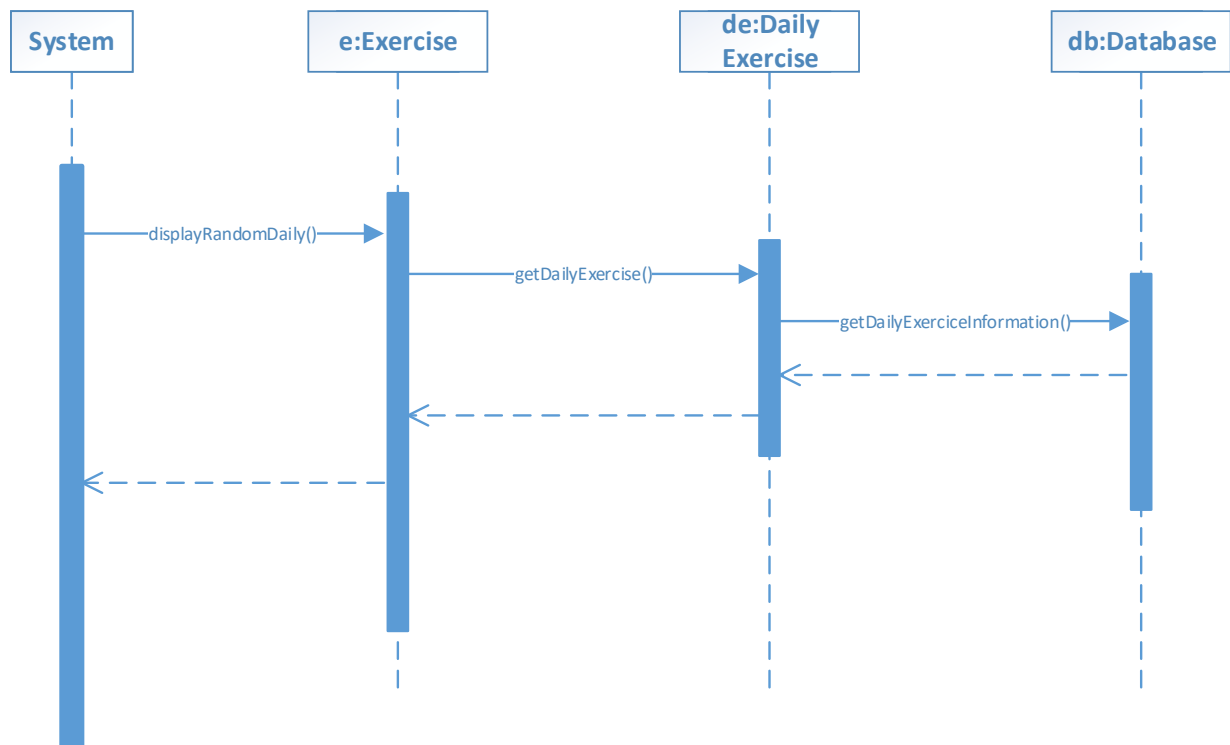
2.1 System Alert: New Exercise Confirmation



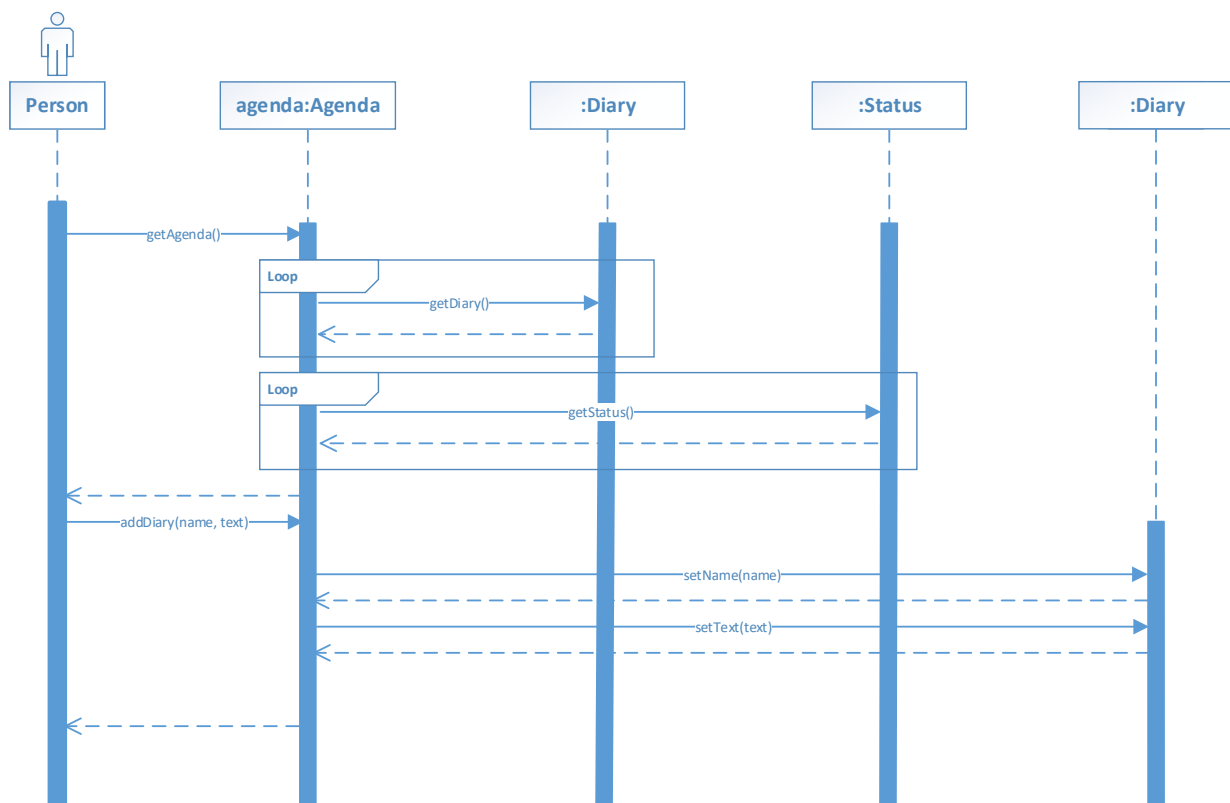
2.2 System Alert: Call Request Confirmation



2.3



2.4 User Update: Diary entry





3 CRC-Cards

Calm down Exercise		Exercise
<ul style="list-style-type: none">• Description• Name		

Contact	
<ul style="list-style-type: none">• Provide phone number• Provide contact time (availability)	<ul style="list-style-type: none">• Agenda

Daily Exercise		Exercise
<ul style="list-style-type: none">• Description• Name• status (done or note done)		

Diary		Agenda
<ul style="list-style-type: none">• Calendar (with Date and Time)• Notes (to describe the actual behavior of the Patient and the overall day if nothing special happens)	<ul style="list-style-type: none">• Agenda• Person (Each diary belongs to exactly one Person)	

Exercise		Daily Exercise, Calm down Exercise
<ul style="list-style-type: none">• Description• Name		<ul style="list-style-type: none">• Person



Agenda		Status
<ul style="list-style-type: none">• Calendar (with Date and Time)• Notes	<ul style="list-style-type: none">• Person	

Patient		User
<ul style="list-style-type: none">• Call• Write• read• Name• Age• Address	<ul style="list-style-type: none">• Ageda• Diary• Status• Daily exercise• calm down	

Person	
<ul style="list-style-type: none">• Phone• Address• Age• Name• Read info• Write info• Save info	<ul style="list-style-type: none">• Agenda• Status• Diary• Exercices

Related person		Related Person
<ul style="list-style-type: none">• give personal info• provide available time• provide contacts• provide relation level• be emergency contact	<ul style="list-style-type: none">• Agenda	



Status		Agenda
<ul style="list-style-type: none">• save• change status		<ul style="list-style-type: none">• Agenda• Person

User	
<ul style="list-style-type: none">• Username• Email• Logon• select function• Write• Read	<ul style="list-style-type: none">• Agenda• Exercices