



CS01 Task 07: Domain Model and Sequence Diagram

Mental Health Care Patient Management System (MHC-PMS)

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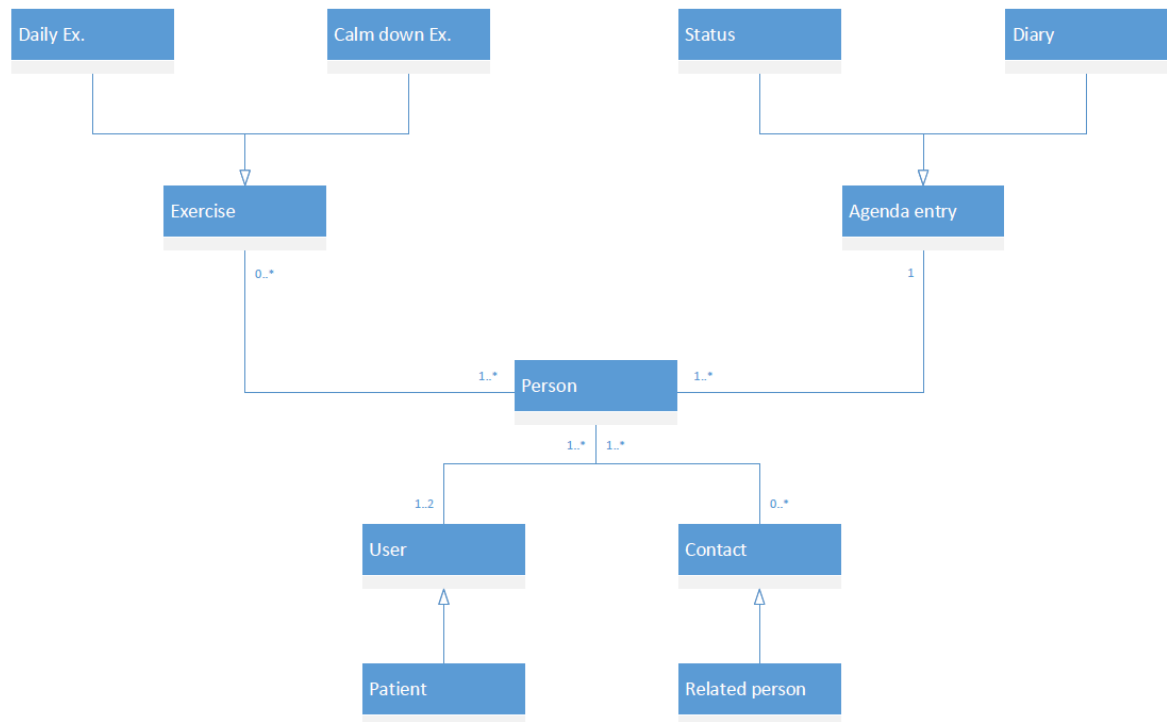


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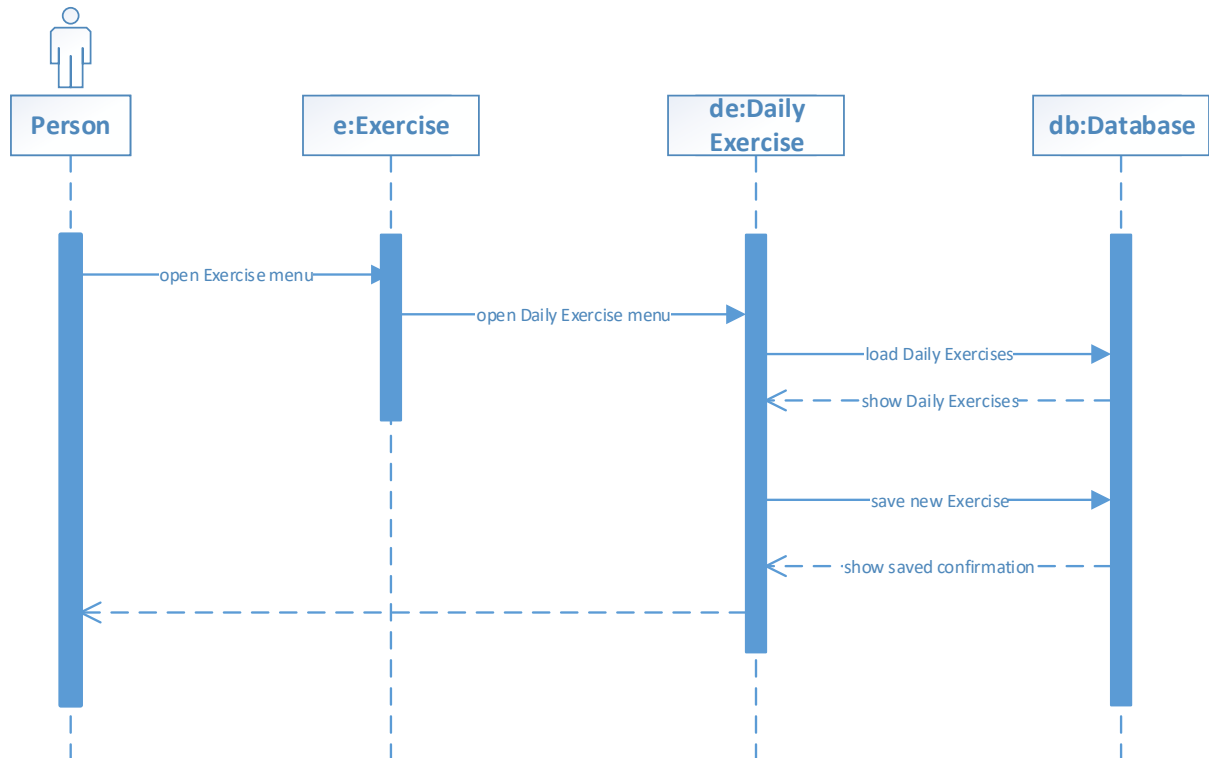
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1 UML Domain Model

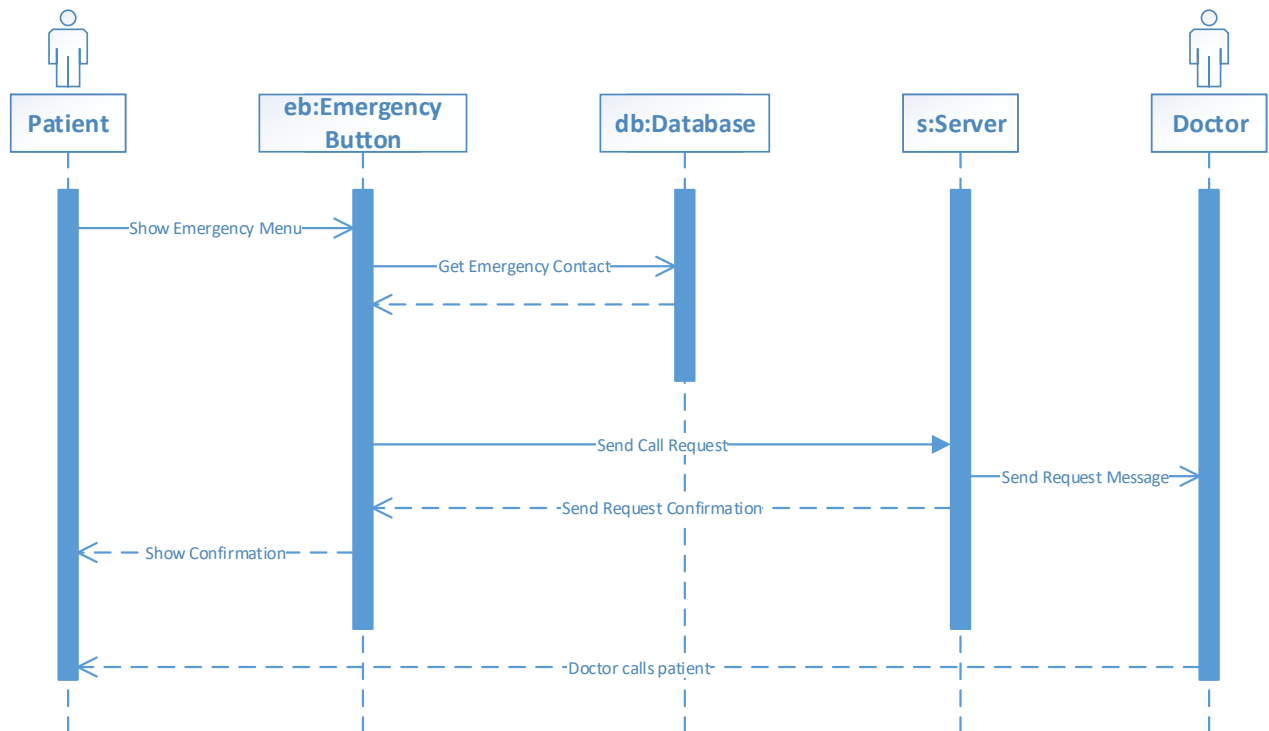


2 UML Sequence Diagram

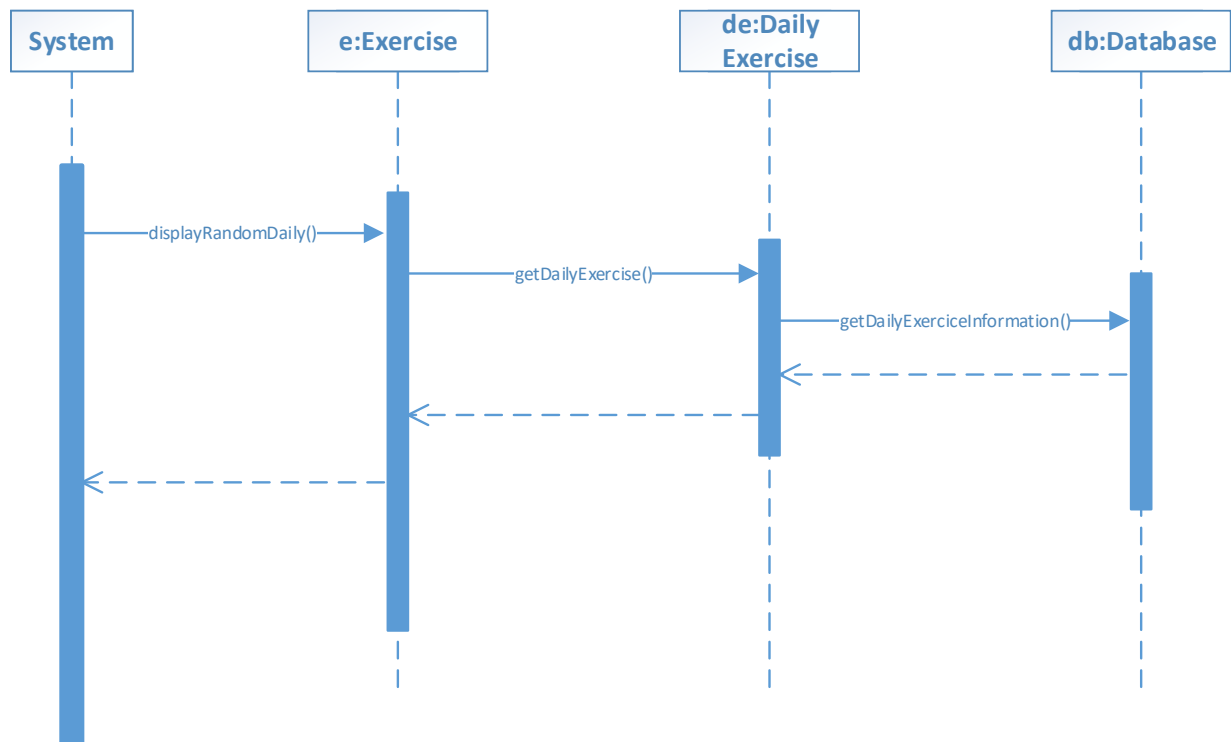
2.1 System Alert: New Exercise Confirmation



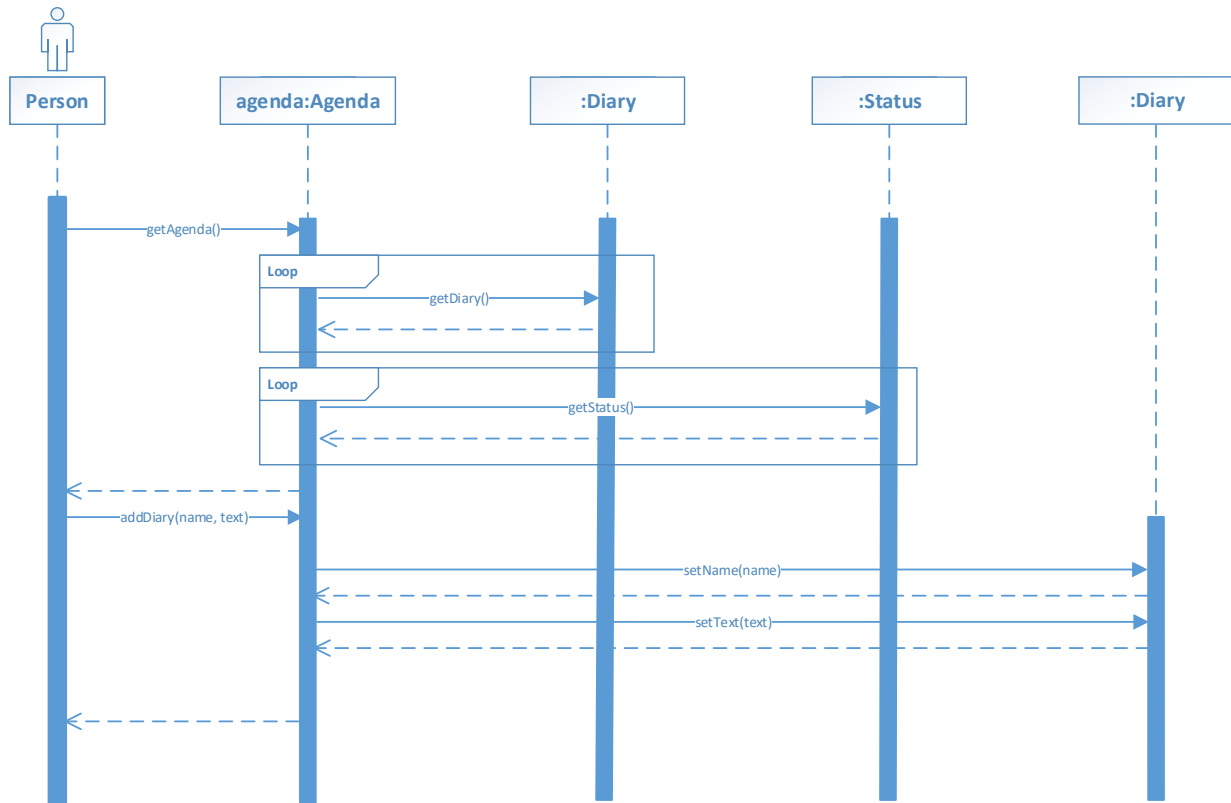
2.2 System Alert: Call Request Confirmation



2.3



2.4 User Update: Diary entry



2.5

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 not 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"> Agenda 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