Table of contents

1 controller

Creation: Oct 02, 2017 at 10:23 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idCONTROLLER	int(11)		No		auto_increment			
status	varchar(45)		Yes	NULL				
maxDailyDose	int(11)		Yes	NULL				
maxSingleDose	int(11)		Yes	NULL				
minDose	int(11)		Yes	NULL				
currentDose	int(11)		Yes	NULL				
doseDelivered	int(11)		Yes	NULL				
PUMP_idPUMP	int(11)		No			-> pump.idPUMP ON UPDATE NO_ACTION ON DELETE NO_ACTION		
POWERSUPPLY_idPOWERSUPPLY	int(11)		No			-> powersupply.idPOWERSUPPLY ON UPDATE NO_ACTION ON DELETE NO_ACTION		
RESERVOIR_idRESERVOIR	int(11)		No			-> reservoir.idRESERVOIR ON UPDATE NO_ACTION ON DELETE NO_ACTION		
SENSOR_idSENSOR	int(11)		No			-> sensor.idSENSOR ON UPDATE NO_ACTION ON DELETE NO_ACTION		
DISPLAY_idDisplay	int(11)		No			-> display.idDisplay ON UPDATE NO_ACTION ON DELETE NO_ACTION		

Oct 03, 2017 at 04:44 AM

2 display

Creation: Oct 02, 2017 at 10:11 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idDisplay	int(11)		No		auto_increment			
brightness	varchar(45)		Yes	NULL				
orientation	varchar(45)		Yes	NULL				
textSize	int(11)		Yes	NULL				
resolution	varchar(45)		Yes	NULL				

Oct 03, 2017 at 04:44 AM

3 patient

Creation: Oct 02, 2017 at 10:35 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idPATIENT	int(11)		No		auto_increment	-> controller.idCONTROLLER ON UPDATE NO_ACTION ON DELETE NO_ACTION		
firstName	varchar(45)		No					
lastName	varchar(45)		No					
bloodType	varchar(45)		Yes	NULL				
age	int(11)		Yes	NULL				
gender	varchar(45)		Yes	NULL				
height	int(11)		No					
weight	int(11)		No					

Oct 03, 2017 at 04:44 AM

4 powersupply

Creation: Oct 02, 2017 at 12:41 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idPOWERSUPPLY	int(11)		No		auto_increment			
batteryLevel	int(11)		Yes	NULL				
mode	varchar(45)		Yes	NULL				
currentUsage	int(11)		Yes	NULL				

Oct 03, 2017 at 04:44 AM

5 pump

Creation: Oct 02, 2017 at 12:41 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idPUMP	int(11)		No		auto_increment			
doseRate	int(11)		Yes	NULL				

Oct 03, 2017 at 04:44 AM

6 reservoir

Creation: Oct 02, 2017 at 12:41 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idRESERVOIR	int(11)		No		auto_increment			
maxLevel	int(11)		No					
minLevel	int(11)		No					
currenLevel	int(11)		No					

7 sensor

Creation: Oct 02, 2017 at 12:41 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idSENSOR	int(11)		No		auto_increment			
glucoseReading	int(11)		Yes	NULL				

controller

idCONTROLLER
status
maxDailyDose
maxSingleDose
minDose
currentDose
doseDelivered
PUMP_idPUMP
POWERSUPPLY_idPOWERSUPPLY
RESERVOIR_idRESERVOIR
SENSOR_idSENSOR
DISPLAY_idDisplay

patient

idPATIENT
firstName
lastName
bloodType
age
gender
height
weight

pump

idPUMP
doseRate

powersupply

idPOWERSUPPLY
batteryLevel
mode
currentUsage

reservoir

idRESERVOIR
maxLevel
minLevel
currenLevel

display

idDisplay
brightness
orientation
textSize
resolution

sensor

idSENSOR
glucoseReading