

Klassid

Patient			HealthConsultant		
	name	type		name	type
1	Id	int	1	Id	int
2	HealthConsultantId	int			

MedicalRecord		
	name	type
1	Id	int
2	PatientId	int
3	RecordDate	DateTime
4	Weight	decimal
5	BloodSugarLevel	decimal
6	BloodPressureSystolic	int
7	BloodPressureDiastolic	int
8	BloodPressurePulse	int

FoodRecord		
	name	type
1	Id	int
2	PatientId	int
3	RecordDate	DateTime

FoodRecordItem		
	name	type
1	Id	int
2	FoodRecordId	int
3	FoodItemId	DateTime

FoodItem		
	name	type
1	Id	string
2	Name	int
3	EnergyKcal	decimal
4	FatGrams	decimal
5	CarbohydratesGrams	decimal
6	ProteinGrams	decimal
7	SaltGrams	DateTime

Omadused

Omadus	Tüüp	Pikkus	Kohustuslik	Unikaalne
Patient				
Id	int		+	+
HealthConsultantId	int		+	
HealthConsultant				
Id	int		+	+
MedicalRecord				
Id	int		+	+
PatientId	int		+	
RecordDate	DateTime		+	
Weight	decimal			
SugarLevel	decimal			
BloodPressureSystolic	int			
BloodPressureDiastolic	int			
BloodPressurePulse	int			
FoodItem				
Id	int		+	+
Name	string	255	+	
EnergyKcal	int			
FatGrams	decimal			
ProteinGrams	decimal			
SaltGrams	decimal			
FoodRecord				
Id	int		+	+
PatientId	int		+	
Date	DateTime		+	

MealType	MealType(enum)[Breakfast, Lunch, Dinner]			
FoodRecordItem				
Id	int		+	+
FoodRecordId	int		+	
FoodItemId	int		+	
Quantity	double			

Reeglid

- Kõik daatumid(RecordDate) ei tohi olla tulevikus
- FoodRecordItem Quantity(kogus) ei tohi olla negatiivne
- Kõik MedicalRecord näited(Weight, SugarLevel etc) ei tohi olla negatiivne
- Kõik FoodItem toode omadused ei tohi olla negatiivsed