

Nutrilog Database Entity-Relationship Diagram

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Seperating patient from person will make it easier to expand. i.e add a user table.

Person		
PK	ID	INT
	FirstName	VARCHAR(25)
	LastName	VARCHAR(50)
	Gender	VARCHAR(1)

Patient		
FK	ID	INT
	Weight	INT
	DOB	DATE

Feedings		
PK	TypeCode	INT
	Amount	FLOAT
	Units	FLOAT

Weighings		
PK	TypeCode	INT
	Weight	FLOAT

Weight coded as ounces the API can calculate pounds/ounces. Makes back-end math easier to handle

PatientEvent		
FK	ID	INT
PK	EventNumber	INT
	DateTime	DATETIME

Event		
FK	EventNumber	INT
FK	TypeCode	INT

Standard normalization to help with expansability

Changings		
PK	TypeCode	Type
	Urine	??
	Stool	??

Not sure what types for urine and stool