

Accounts

Columns	Properties
Email	Varchar (400), NotNull, PK
Password	Varchar(200), Not Null

Profile

Columns	Properties
Email	Varchar (400), NotNull , FK(Accounts.Email),Unique
FirstName	Varchar(150), Not Null
LastName	Varchar(150), Allow Null
Gender	Varchar(11), Not Null
Image	Binary, Allow Null
Weight Unit	Varchar(5) Not Null
Weight	Smallint, Allow Null , Unsigned
Glucose Unit	Varchar(10), Not Null
Low Glucose	Smallint, Not Null , Unsigned
High Glucose	Smallint, Not Null , Unsigned
Normal Glucose	Smallint, Not Null , Unsigned
Diabetes Type	Varchar(100), Allow Null
FastingSum	Int , Not Null,Unsigned, Initialize to zero
Fasting Count	Int , Not Null,Unsigned, Initialize to zero
Fasting Average	Float, Not Null , Unsigned

Food

Columns	Properties
ID	Int , Unsigned , Auto_Increment,PK
Email	Varchar (400), NotNull , FK(Accounts.Email) ,CPK
Name	Varchar(200), Not Null, CPK
Unit	Varchar(50), Not Null
Image	Binary , Allow Null

LogGulocose

Columns	Properties
Email	Varchar (400), NotNull , FK(Accounts.Email)
Date	DateType,Not Null
Fasting	Int, Not Null,Unsigned
Before Breakfast	Int, Allow Null,Unsigned
After Breakfast	Int, Allow Null,Unsigned
Before Lunch	Int, Allow Null,Unsigned
After Lunch	Int, Allow Null,Unsigned
Before Dinner	Int, Allow Null,Unsigned
After Dinner	Int, Allow Null,Unsigned

LogTime

Columns	Properties
Email	Varchar (400), NotNull , FK(Accounts.Email)
Date	DateType,Not Null
Fasting Time	TimeType, Not Null
Before Breakfast Time	TimeType, Allow Null
Breakfast Meal Time	TimeType, Allow Null
After Breakfast Time	TimeType, Allow Null
Before LunchTime	TimeType, Allow Null
Lunch Meal Time	TimeType, Allow Null
After Lunch Time	TimeType, Allow Null
Before Dinner Time	TimeType, Allow Null
Dinner Meal Time	TimeType, Allow Null
After Dinner Time	TimeType, Allow Null
Morning Insulin Time	TimeType, Allow Null
Noon Insulin Time	TimeType, Allow Null
Night Insulin Time	TimeType, Allow Null

LogFood

Columns	Properties
Email	Varchar (400), NotNull , FK(Accounts.Email)
Date	DateType,Not Null
Type	Varchar(15), Not Null
FoodID	Int , Unsigned ,Not Null FK(Food.ID)
Quantity	int,Unsigned,Not Null

Insulin

Columns	Properties
ID	Int , Unsigned , Auto_Increment,PK
Email	Varchar (400), NotNull , FK(Accounts.Email) ,CPK
Name	Varchar(200), Not Null, CPK
Image	Binary , Allow Null

LogInsulin

Columns	Properties
Email	Varchar (400), NotNull , FK(Accounts.Email)
Date	DateType,Not Null
Type	Varchar(15), Not Null
InsulinID	Int , Unsigned ,Not Null FK(Food.ID)
Units	int,Unsigned,Not Null