

Jianfu_Jiang_normalization

	Domain-Name	DB-Name	Domain(Example)	TYPE	Atomic?
Pname	Name	Pname	Jianfu Jiang	varchar(32)	Y
Pgender	Gender	Pgender	Male	varchar(32)	Y
Pweight	Weight	Pweight		200 float	Y
Pheight	Height	Pheight		185 float	Y
Page	Age	Page		21 interger(32)	Y
PActiveLevel	ActiveLevel	PActiveLevel		3 interger(2)	Y
Fname	Food	Fname	Chichen Breast	varchar(32)	Y
Fcalories	Calories	Fcalories		120 interger(32)	Y
Fprotein	Protein	Fprotein		26 interger(32)	Y
Fcarbs	Carbs	Fcarbs		0 interger(32)	Y
Ffat	Fat	Ffat		2 interger(32)	Y
Famount	Amount	Famount		2.5 float	Y
Date	Date	Date	7/19/2023	date	Y

Pname	Pgender	Pweight	Pheight	Page	PActiveLevel	
Jianfu Jiang	Male	200	185	21		3

1NF

Person						
Pname(PK)	Pgender	Pweight	Pheight	Page	PActiveLevel	
Jianfu Jiang	Male	200	185	21		3

DailyIntake						
IntakeID(PK)	Date	Pname	Fname	Amount		
1	7/19/2023	Jianfu Jiang	Chichen Breast	1		

2NF

Person						
Pname(PK)	Pgender	Pweight	Pheight	Page	PActiveLevel	
Jianfu Jiang	Male	200	185	21		3

Food						
Fname(PK)	Fcalories	Fprotein	Fcarbs	Ffat		
Chichen Breast	120	26	0	2		

3NF

Person					PhysicalAttributes	
Pname(PK)	Pgender	Page	PActiveLevel		Pname(PK)	
Jianfu Jiang	Male	21	3		Jianfu Jiang	

Food						
Fname(PK)	Fcalories	Fprotein	Fcarbs	Ffat		
Chichen Breast	120	26	0	2		

Jianfu_Jiang_normalization

Repeating_Group?	Group_ID	Table/Entity	PK?	FK?
Y	Person	Person	Yes	Yes
Y	Person	Person	TBD	TBD
Y	Person	Person	TBD	TBD
Y	Person	Person	TBD	TBD
Y	Person	Person	TBD	TBD
Y	Person	Person	TBD	TBD
Y	Food	Food	Yes	Yes
Y	Food	Food	TBD	TBD
Y	Food	Food	TBD	TBD
Y	Food	Food	TBD	TBD
Y	Food	Food	TBD	TBD
N	Intake	Intake	TBD	TBD
N	Intake	Intake	TBD	TBD

Fname	Fcalories	Fprotein	Fcarbs	Ffat	Date
Chichen Breast	120	26	0		2 7/19/2023

Food	Fname(PK)	Fcalories	Fprotein	Fcarbs	Ffat
Chichen Breast		120	26	0	2

DailyIntake	Date	Pname	Fname	Amount
IntakeID(PK)	1 7/19/2023	Jianfu Jiang	Chichen Breast	1

Pweight	Pheight
200	185

DailyIntake	Date	Pname	Fname	Amount
IntakeID(PK)	1 7/19/2023	Jianfu Jiang	Chichen Breast	1