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Normalization Lab 3

People

PK	pid
	firstName
	lastName
	age

Astronauts

PK, FK	pid
	yearsFlying

Engineers

PK, FK	pid
	highestDegree

Flight Control Operators

PK, FK	pid
	preferredChair

Crew

PK1, FK1	pid
PK1, FK2	sid

Spacecraft

PK	sid
	name
	tailNumber
	weightTons
	fuelType
	crewCap

SysSetup

PK1, FK1	sid
PK1, FK2	sysid

Systems

PK	sysid
	name
	description

PartSetup

PK1, FK1	sysid
PK1, FK2	partid

Catalog

PK1, FK1	partid
PK1, FK2	supid

Parts

PK	partid
	name
	description

ZipCode

PK	zipCode
	state
	city

Suppliers

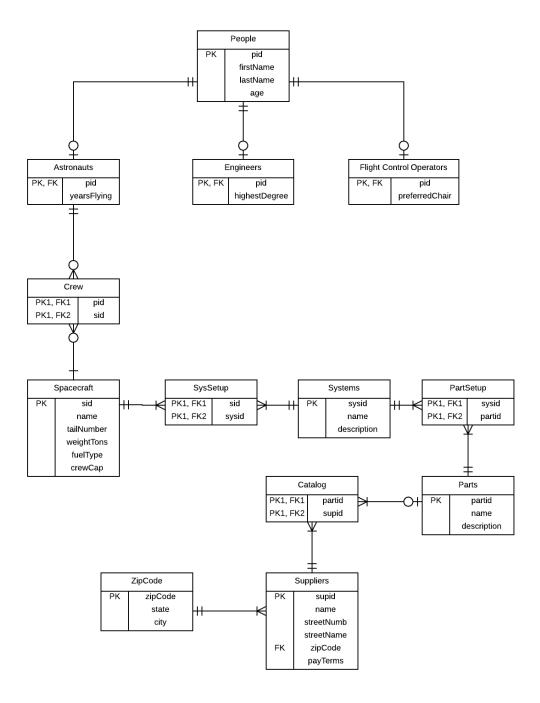|	
PK	supid
	name
	streetNumb
	streetName
FK	zipCode
	payTerms

Functional Dependencies:

People: pid → firstName, lastName, age

Astronauts: pid → yearsFlying

Engineers: pid → highestDegree

Flight Controllers: pid → preferredChair

Crew: pid, sid →

Spacecraft: sid → name, tailNumber, weightTons, fuelType, crewCap

SysSetup: sid, sysid →

Systems: sysid → name, description

PartSetup: sysid, partid →

Parts: partid → name, description

Catalog: supid, partid →

Supplier: supid → name, streetNumb, streetName, zipCode, payTerms

Zip Code: zipCode → state, city