

HSassets(Hardware/software)

Database Design

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Project Step 5
MSSA CAD FCR3, ISTA 420
February, 2021

Client		
Field	Type	Constraints
clientid	int	not null, primary key(user/owner)
corporate email	string(40)	not null, unique
password	string(40)	not null, unique

Device Maintenance Repair		
Field	Type	Constraints
clientid	int	not null, primary key(user/owner)
deviceid	int	not null, foreign key (device)
deviceType	string(10)	not null
intakeDate	date	not null
description	string (1000)	not null
techName	string(50)	not null
techPhone	int (10)	null
repairCost	money	not null
repairType	choice	not null (Maintenance, Repair, Replacement)
repairedDate	date	not null

Hardware info		
Field	Type	Constraints
clientid	int	not null, primary key(user/owner)
deviceid	int	not null, foreign key (device)
deviceType	string(10)	not null
service tag(serial number)	string(40)	not null, foreign key(device)
year	int(4)	not null
model	string(20)	not null
productName	string (20)	not null
WiFi	choice	not null(yes, no)

Life Cycle Replacement		
Field	Type	Constraints
deviceid	int	not null, foreign key (device)
LCRdate	date	not null, (4 years from purchase date)
LCRextension	choice	not null (yes, or no)
turnInDate	date	not null

Software info		
Field	Type	Constraints
deviceid	int	not null, foreign key (device)
deviceType	string(10)	not null
OS	string(20)	null(operating system)
searchEngine	string(20)	null
softwareInstall	string(20)	not null

