CS 4332

Dr. C. J. Hwang

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Project 5

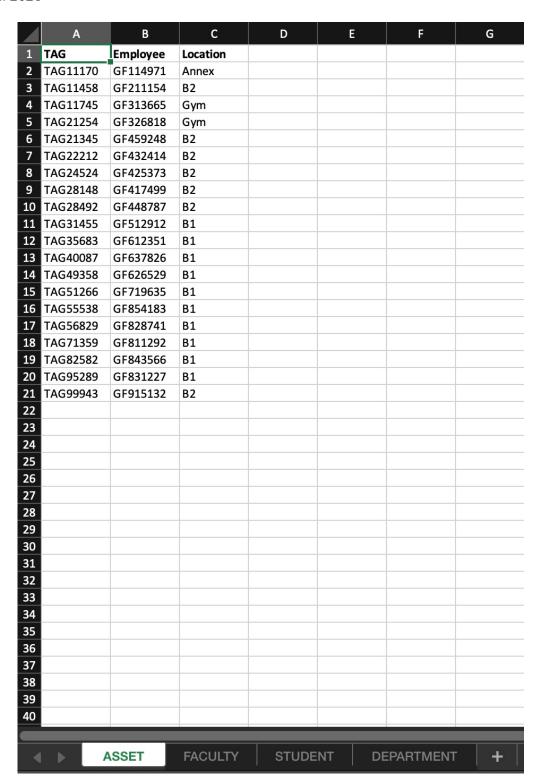
Greendale Community College is a community college located in Greendale County, Colorado. Greendale's IT department is discussing creating a database system in order to keep track of their computers, student records, and faculty records. Being that Greendale is a lower rate community college, they have lacked the budget but after recently acquiring an undisclosed sum of money they are interested in moving their records from Excel. Greendale would like to create 4 tables called ASSET, STUDENT, FACULTY, & DEPARTMENT to hold their computer information, student information, faculty information, and department information.

Here are how the records are stored and formatted in Greendale's Excel sheet. At Greendale, all computers are given a tag number (Formatted TAG#####) and assigned to a location and employee id (Format GF######) when they are deployed. This information is stored in the ASSET sheet. All students at Greendale have a student id (Format GS######), faculty advisor (GF######), Major, classification (1st, 2nd...Year), and GPA. This information is stored in the STUDENT sheet. All faculty at Greendale are assigned an employee id (GF######), a computer (TAG#####), and a department. This information is stored in the FACULTY sheet. Lastly, at Greendale, all Departments have a location associated with them and the information is stored in the DEPARTMENT sheet.

Attached are screenshots of Greendale's Excel database. They hope to create an E/R diagram and implement it to their database so that they may keep a better record of their information, making them a better community college so they can compete with their rivals City College.

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4	Α	В	С	D	E	F	G
1	stu_id	Fname	Lname	Major	Class	GPA	fac_adv
2	GS71097	Jenny	Adams	History	1st Year	3.00	GF828741
3	GS41740	Buddy	Austin	Event Planning	3rd Year	3.75	GF811292
4	GS12035	Troy	Barnes	AC Repair	4th Year	3.75	GF114971
5	GS22914	Shirley	Bennett	Business	4th Year	3.50	GF512912
6	GS83510	Mark	Cahill	Pre-Med	2nd Year	3.75	GF828741
7	GS03563	Archie	DeCoste	Undecided	1st Year	2.50	GF811292
8	GS64388	Annie	Edison	Forensics	4th Year	4.00	GF512912
9	GS24103	Joseph	Elkins	Business	2nd Year	2.75	GF719635
10	GS05402	Linda	Greene	Undecided	3rd Year	3.25	GF417499
11	GS25802	Dan	Harmon	Business	1st Year	3.25	GF811292
12	GS06731	Pierce	Hawthorne	Undecided	10th Year	3.00	GF915132
13	GS86485	Annie	Kim	Pre-Med	2nd Year	4.00	GF828741
14	GS07970	Garrett	Lambert	Undecided	4th Year	4.00	GF417499
15	GS37821	Rachel	Larson	Engineering	4th Year	4.00	GF719635
16	GS08279	Kim	McFadden	Undecided	2nd Year	3.50	GF719635
17	GS08198	Vaughn	Miller	Undecided	3rd Year	3.00	GF417499
18	GS09657	Mark	Millot	Undecided	2nd Year	3.25	GF417499
19	GS59169	Abed	Nadir	Film	4th Year	3.25	GF459248
20	GS00226	Alex	Osbourne	Undecided	5th Year	2.50	GF915132
21	GS90644	Britta	Perry	Psychology	4th Year	2.75	GF512912
22	GS71356	Leonard	Rodriguez	History	35th Year	3.00	GF915132
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		ASSET	FACULTY	STUDENT	DEF	PARTMENT	+

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