

CAPSTONE: Database Case Study				
	Outstanding (40 pts)	Adequate (20 pts)	Not Adequate (10 pts)	MISSING (0 pts)
Overall Crow's Foot Model	Logically designed the database design exhibiting a firm understanding of Crow's Foot notation Completely and accurately explained design usage and purpose	Exhibited a partial understanding of Crow's Foot database design and manipulation. Some minor inaccuracy when explaining design usage and purpose	Exhibited minimal understanding of Crows's Foot database design and manipulation Inaccurate design explanation in regard to design usage and purpose	
Table Creation	Created all of the tables defined in project requirements Named tables appropriately in regard to their data elements	Created most of the tables defined in project requirements Table name was a little unclear in regard to its data elements	Partially created some of the tables defined in project requirements Table name(s) did not correlate to its data elements	
Relations and Cardinalities	Correctly interpreted all the Business Rules and created all necessary relations with clear indication to the cardinalities and observing the three normalizations forms.	Correctly Interpreted most Business Rules and created most of the necessary relations with some indication to cardinalities and observing at least two normal forms.	Incorrectly interpreted the Business Rules, few relations were created and few indications to Cardinalities and Normal forms	
Keys and Entities	Correctly chose all primary and foreign keys respecting the naming convention	Correctly chose most of the primary and foreign keys respecting the naming convention	Incorrectly chose most of the primary and foreign Keys, and lacked attention to naming convention	
Implementation	Completely populated tables with correct data elements reflecting the ERD design	Populated tables with majority of data elements outlined in the ERD design	Populated tables with minimal data elements defined in project the ERD design	
Mechanics	Accurately entered data elements into tables with no keypunch errors No spelling or grammar errors in database documentation	Entered data elements into tables with minimal keypunch errors Some minor spelling or grammar errors evident in documentation	Multiple keypunch errors when entering data elements into tables Numerous errors.	
Reports	Created all of the reports needed as defined in project requirements Report name is indicative of data it will return	Created some of the reports needed for the company as defined in project requirements Report name partially correlates to the data it will return	Created minimal reports needed for the company as defined in project requirements. Report names does not indicate what data will be returned	

DATABASE: CASE STUDY FINAL CAPSTON PROJECT

CASE TITLE: _____

GROUP _____

STUDENT _____

STUDENT _____

STUDENT _____

Requirements:	Submitted	Missing
PART 0: OVERVIEW 1. cover letter 2. executive summary		
PART 1: ANALYSIS 1. candidate keys, surrogate keys 2. primary key 3. foreign keys 4. ERD 1. ER Assistant 2. MYSQL WORKBENCH 5. functional dependency 6. BCNF, 4NF		
PART 2: CREATE, POPULATE TABLE(S) 1. integrity constraints 2. create tables 3. populate tables 4. dummy data for specific queries 5. SQL for 10 queries proof of concept		
PART 3: QUERIES 1. raw SQL for 10 queries		
PART 4: IMPLEMENTATION 1. load MYSQL WORKBENCH case database/schema 2. backup schema		
PART 5: PROGRAMMING 1. Application in any languages 2. source code 3. documentation		
PART 6: PRESENTATION 1. PPT		
PART 7: REFLECTION 1. PMI 2. see README.txt		
PART 8: REFERENCES 1. APA list of websites and all materials used		
BONUS		NOTES:
CHANGE ORDER		