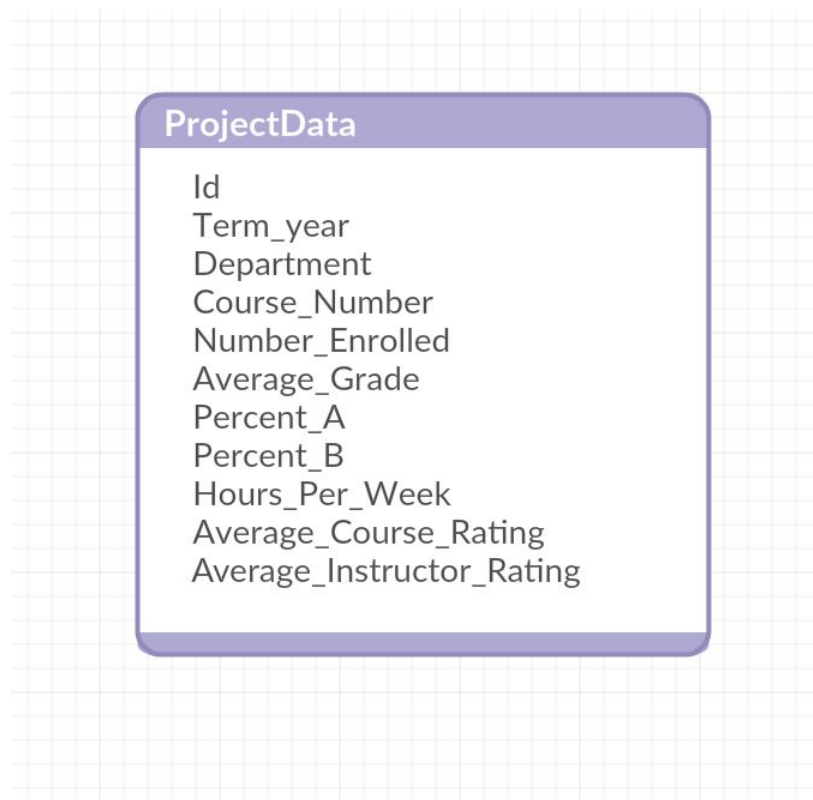


### Milestone #3 - Samuel Reed, Haris Khan, Catherine Diaz, Menglong Dai, Yuhou Wang

- We used mysql for our database and it consists of data from CU Boulder including classes from the computer science and math department and different components within these 2 departments. The data is between the years 2006 and 2007. We converted the data from an excel spreadsheet to the database in our script.
- The link to the script that populates the database is on Github and is named Excel\_Integration.sql, the csv that goes along with the sql file is called Excel\_Format.csv
- Our ER Diagram is below and is only one table because that was the most efficient way to organize our data.



Here is what our current database looks like

id	Term_Year	Department	Course_Number	Number_Enrolled	Average_Grade	Percent_A	Percent_B	Hours_per_week	Average_Course_Rating	Average_Instructor_Rating
1	20067	CSCI	1200	61	2.63	0.38	0.26	4-6	3.41	3.64
2	20067	CSCI	1300	25	2.55	0.28	0.32	7-9	4.59	5
3	20067	CSCI	1300	24	3.5	0.74	0.09	7-9	5.37	5.74
4	20067	CSCI	1300	161	2.62	0.2	0.34	7-9	4.25	4.55
5	20067	CSCI	2270	57	2.78	0.33	0.37	7-9	5.26	5.66
6	20067	CSCI	2830	11	3.04	0.45	0.18	0-3	5.17	5.67
7	20067	CSCI	3104	35	2.91	0.32	0.5	7-9	4.88	5.54
8	20067	CSCI	3155	44	3.07	0.49	0.29	10-12	4.26	5.19
9	20067	CSCI	3202	41	3.52	0.77	0.13	4-6	2.6	2.84
10	20067	CSCI	3287	44	3.24	0.5	0.38	7-9	4.16	4.24
11	20067	CSCI	3308	38	2.8	0.32	0.27	4-6	4.67	4.89
12	20067	CSCI	3434	15	4	1	0	0-3	3.79	4.5
13	20067	CSCI	3656	13	2.44	0.15	0.38	7-9	5	5.33
14	20067	CSCI	3702	31	2.93	0.41	0.41	7-9	4.78	5.24
15	20067	CSCI	4229	40	4	1	0	7-9	5.26	5.44
16	20067	CSCI	4273	21	3.54	0.67	0.24	10-12	5.31	5.33
17	20067	CSCI	4308	49	3.37	0.55	0.24	10-12	3.65	4.11
18	20067	CSCI	4448	25	3.2	0.48	0.4	7-9	4.13	4.4
19	20067	CSCI	4830	38	3.81	0.89	0.08	4-6	4.95	4.95
20	20067	CSCI	4838	43	3.36	0.54	0.41	10-12	4.16	4.32
21	20067	CSCI	5444	21	3.74	0.74	0.26	10-12	2.93	3.13
22	20067	CSCI	5502	26	3.57	0.58	0.42	7-9	5.24	5.36
23	20067	CSCI	5606	15	3.29	0.58	0.25	10-12	4.82	5.45
24	20067	CSCI	5622	24	3.88	0.95	0.05	7-9	4.71	4.71
25	20067	CSCI	7900	19	3.66	0.84	0.11		0	0
26	20081	CSCI	1240	30	2.97	0.5	0.31	4-6	5.08	5.75
27	20081	CSCI	1300	196	2.78	0.4	0.21	10-12	4.11	4.42
28	20081	CSCI	2270	85	2.65	0.37	0.24	7-9	3.2	2.83
29	20081	CSCI	2400	28	2.93	0.39	0.39	10-12	4.96	5.26
30	20081	CSCI	3104	53	2.81	0.29	0.47	7-9	3.21	3.33
31	20081	CSCI	3155	43	3.37	0.65	0.16	7-9	5.23	5.59
32	20081	CSCI	3434	34	3.58	0.77	0.24	4-6	4.8	4.88
33	20081	CSCI	3656	39	2.87	0.33	0.36	7-9	4.67	5
34	20081	CSCI	3753	57	2.96	0.39	0.35	7-9	4.74	5.1
35	20081	CSCI	4113	62	3.36	0.66	0.21	7-9	5.73	5.82
36	20081	CSCI	4273	32	3.15	0.48	0.32	10-12	3.91	3.86
37	20081	CSCI	4314	19	3.82	0.89	0.11	7-9	4.65	4.56
38	20081	CSCI	4318	43	3.41	0.51	0.37	13-15	4.51	5.12
39	20081	CSCI	4446	14	3.49	0.62	0.31	7-9	4.64	5.36
40	20081	CSCI	4830	11	3.86	1	0	10-12	5.5	5.8
41	20081	CSCI	4830	17	3.35	0.53	0.35	7-9	4.21	4.93
42	20081	CSCI	4830	13	3.52	0.77	0.15	7-9	5.42	5.69
43	20081	CSCI	4830	15	3.74	0.8	0.2	4-6	4.57	5.57
44	20081	CSCI	4838	16	3.34	0.5	0.37	10-12	3.88	4.31
45	20081	CSCI	5454	15	3.08	0.5	0.25	10-12	5.54	5.54
46	20081	CSCI	5622	26	4	1	0	7-9	4.96	4.96
47	20081	CSCI	5673	22	3.86	0.9	0.1	10-12	4.7	4.8
48	20081	CSCI	5722	19	4	1	0	10-12	4.53	4.53
49	20081	CSCI	5817	36	3.71	0.73	0.2	7-9	4	3.8
50	20081	CSCI	5828	27	3.82	0.89	0.07	7-9	5.12	5.59
51	20081	CSCI	5832	24	3.88	1	0	7-9	5.05	5.32