Homework 7: Third normal form from sport class's dates exercise

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Introduction

Following class exercise we transform initial table that describe a class schedule to college.

First table

Activity Code	Activity name
1	Pilates
2	Fitness
3	Yoga
4	Gym

Second table

Teacher id	Teacher name
12345	Juan
76454	Javier
88903	Lidia

Third table

Activity number	Teacher id	Place	Date	Start hour	Finish hour
1	12345	Pavilion	9/9/2007	10:00	11:00
2	76454	Pavilion	9/9/2007	10:00	11:00
1	12345	Pavilion	11/9/2007	9:30	11:00
1	12345	Pavilion	15/9/2007	12:00	13:00
3	76454	Multipurpose room	15/9/2007	9:00	10:00
4	12345	Multipurpose room	1/10/2007	12:00	13:00
3	76454	Multipurpose room	15/9/2007	11:00	12:00
4	88903	Pavilion	1/10/2007	12:00	14:00
2	88903	Pavilion	9/9/2007	10:00	12:00
1	76454	Multipurpose room	9/9/2007	10:00	12:00

Conclusion

Third normalization form can help us to have organized and structured table from any data to give us. In this sense, memory's analysis give us quickly query at moment of management the table. This analysis was produces by dependency's analysis.