

# SQL Database for Beginners

## Lab Exercise 9

- 1) In this lab you will insert, update, and delete various records in the database. Be sure to always test your query components with respective select queries as shown in the lecture to verify that you will affect the desired and only the desired records. Otherwise you may damage the content of your database and be unable to execute the following exercises. Also make sure to verify the table content after execution.
- 2) Write a query adding a new project "twitter" to the project table.  

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- 3) Write a query assigning a budget of 150 to the just added project.  

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- 4) Write a query duplicating all roles in the role table so that the duplicates have role titles prefixed with "External".  

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- 5) Write a query assigning Paul Miller as "External Developer" to the project "twitter" by manually determining the required foreign key values.  

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6) Write a query promoting Paul Miller to “External Project Manager”, the assignment added by the previous query.

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7) Write a query removing the assignment managed by the previous two queries.

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8) Write a query removing the roles added above.

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9) Write a query removing the project “twitter”.

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