**Foundation**

SQL

Module 8

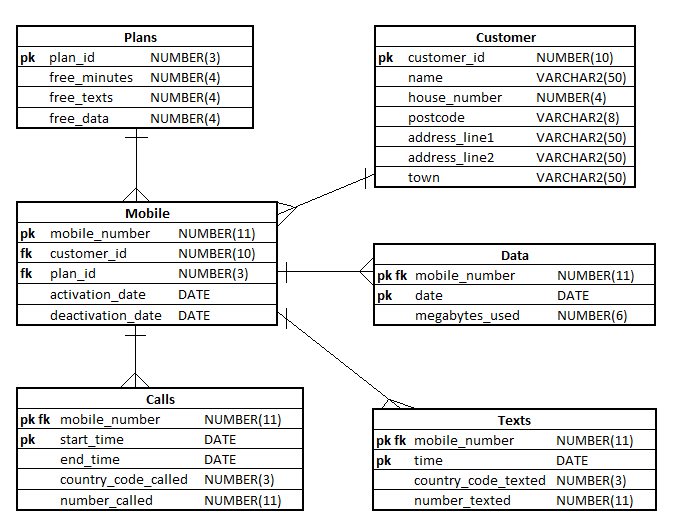
Set Functions – Query reading

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**Document change and version control**

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**Exercise 1**

## Describe in simple language what each of the following queries will return:

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| **Questions** |
| 1. SELECT mobile\_number   FROM calls  MINUS  SELECT mobile\_number  FROM data; |
| 1. SELECT mobile\_number   FROM data  MINUS  SELECT mobile\_number  FROM calls; |
| 1. SELECT mobile\_number   FROM calls  INTERSECT  SELECT mobile\_number  FROM data  INTERSECT  SELECT mobile\_number  FROM texts; |
| 1. SELECT mobile\_number   FROM mobiles  MINUS  SELECT mobile\_number  FROM calls  MINUS  SELECT mobile\_number  FROM texts  MINUS  SELECT mobile\_number  FROM data; |

**Exercise 2**

## Explain why the following queries would produce an error:

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| **Questions** |
| 1. SELECT name,   customer\_id  FROM customer  UNION  SELECT mobile\_number  FROM mobile; |
| 1. SELECT mobile\_number,   time  FROM texts  UNION  SELECT start\_time,  mobile\_number  FROM calls; |