# Database Management: One-to-One Relationship Example

## Answer: One-to-One

A One-to-One relationship exists when each record in one table is associated with exactly one record in another table.

## Example Table:

|  |  |
| --- | --- |
| Student Name | Student ID Card |
| Emily Roberts | STU202410001 |
| Ahmed Ali | STU202410002 |
| Amina Yusuf | STU202410003 |
| John Smith | STU202410004 |

## Diagram Explanation:

[Student Table] [Student ID Card Table]  
+---------------+ +---------------------+  
| Student Name |◄───────────►| Student ID Card No. |  
+---------------+ +---------------------+  
| Emily Roberts | | STU202410001 |  
| Ahmed Ali | | STU202410002 |  
| Amina Yusuf | | STU202410003 |  
| John Smith | | STU202410004 |  
+---------------+ +---------------------+