

Database Project Name Students and Classes

Student Name Shane Thomas

Table Name students

Table Relates to other table(s):

| <i>Related Field on this Table –<br/>use format: tablename.fieldname</i> | <i>Related Field on other Related Field<br/>use format: tablename.fieldname</i> |
|--|---|
| student.student_id   | studentsections.student_id  |

List Fields on the table:

| <i>Field Name</i> | <i>Data<br/>(Column)<br/>Type</i> | <i>Length<br/>(# of<br/>Charac<br/>ters)</i> | <i>Null<br/>Y/N</i> | <i>Key (only if<br/>applicable)</i> | <i>Comment</i>  |
|-------------------|-----------------------------------|--|---------------------|-------------------------------------|---|
| student_id        | int                               | 11   | N                   | Primary                             | Student Unique ID Number  |
| first_name        | char                              | 30   | N                   |                                     | First Name  |
| last_name         | char                              | 30   | N                   |                                     | Last Name   |
| mi                | char                              | 1  | Y                   |                                     | Middle Initial  |
| address           | char                              | 55   | N                   |                                     | Address   |
| city              | char                              | 55   | N                   |                                     | City  |
| state             | char                              | 2  | N                   |                                     | State   |
| zip               | char                              | 5  | N                   |                                     | Zip- note numeric data types are not used because you would lose numerically insignificant zeros            |
| zip_plus_four     | char                              | 4  | Y                   |                                     | Extended zip-note numeric data types are not used because you would lose numerically insignificant zeros    |
| email             | char                              | 80   | Y                   |                                     | e-mail address  |
| phone             | char                              | 10   | Y                   |                                     | Phone number  |
| dob               | char                              | 8  | N                   |                                     | Date of birth – note numeric data types are not used because you would lose numerically insignificant zeros |
| ssn               | char                              | 9  | N                   |                                     | Social Security Number – note this is not a number data type because that would cut off any leading zeros   |
|                   |                                   |  |                     |                                     |   |

**Student Name** Shane Thomas

Table Name **classes**

Table Relates to other table(s):

| <i><b>Related Field on this Table –<br/>use format: tablename.fieldname</b></i> | <i><b>Related Field on other Related Field<br/>use format: tablename.fieldname</b></i> |
|---|--|
| classes.class_id  | sections.class_id  |
|   |  |
|   |  |

List Fields on the table:

[illegible]

**Student Name** Shane Thomas

Table Name **sections**

Table Relates to other table(s):

| <i><b>Related Field on this Table –<br/>use format: tablename.fieldname</b></i> | <i><b>Related Field on other Related Field<br/>use format: tablename.fieldname</b></i> |
|---|--|
| sections.section_id   | studentsections.section_id   |
| sections.class_id   | classes.class_id   |
| sections.term_id  | term.term_id   |

List Fields on the table:

[illegible]

**Student Name** Shane Thomas

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| <i>Related Field on this Table –<br/>use format: tablename.fieldname</i> | <i>Related Field on other Related Field<br/>use format: tablename.fieldname</i> |
|--|---|
| studentsections.student_id   | students.student_id   |
| studentsections.section_id   | section.section_id  |
|  |   |

**Student Name** Shane Thomas

[illegible]

The diagram of this database would look like this:

