1. customer\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| customer\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| customer\_name | VARCHAR(100) | NOT NULL |
| contact\_email | VARCHAR(100) | UNIQUE, NOT NULL |
| contact\_person | VARCHAR(100) |  |

1. warehouse\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| warehouse\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| warehouse\_location | VARCHAR(200) |  |

1. product\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| product\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| product\_name | VARCHAR(100) | NOT NULL |
| category | VARCHAR(100) | NOT NULL |
| material | VARCHAR(100) | NOT NULL |

1. supplier\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| supplier\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| supplier\_name | VARCHAR(100) | NOT NULL |
| contact\_person | VARCHAR(100) |  |
| contact\_email | VARCHAR(100) | UNIQUE, NOT NULL |

1. sales\_order\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| sales\_order\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| customer\_id | INT | NOT NULL, FOREIGN KEY (customer\_id) REFERENCES customer\_gary(customer\_id) |
| product\_id | INT | NOT NULL, FOREIGN KEY (product\_id) REFERENCES product\_gary(product\_id) |
| quantity | INT | NOT NULL |
| order\_date | DATE | NOT NULL |

1. supply\_order\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| supply\_order\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| supplier\_id | INT | NOT NULL, FOREIGN KEY (supplier\_id) REFERENCES supplier\_gary(supplier\_id) |
| product\_id | INT | NOT NULL, FOREIGN KEY (product\_id) REFERENCES product\_gary(product\_id) |
| order\_date | DATE | NOT NULL |
| quantity | INT | NOT NULL |

1. stock\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| stock\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| product\_id | INT | NOT NULL, FOREIGN KEY (product\_id) REFERENCES product\_gary(product\_id) |
| warehouse\_id | INT | NOT NULL, FOREIGN KEY (warehouse\_id) REFERENCES warehouse\_gary(warehouse\_id) |
| quantity | INT | NOT NULL |

1. manufacture\_plant\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| manufacture\_plant\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| manufacture\_name | VARCHAR(100) | NOT NULL |
| manufacture\_location | VARCHAR(200) |  |

1. production\_line\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| production\_line\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| manufacture\_plant\_id | INT | NOT NULL, FOREIGN KEY (manufacture\_plant\_id) REFERENCES manufacture\_plant\_gary(manufacture\_plant\_id) |
| production\_line\_name | VARCHAR(100) | NOT NULL |

1. employee\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| employee\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| name | VARCHAR(100) | NOT NULL |
| position | VARCHAR(50) |  |
| manufacture\_plant\_id | INT | NOT NULL, FOREIGN KEY (manufacture\_plant\_id) REFERENCES Manufacture\_Plant\_gary(manufacture\_plant\_id) |

1. payroll\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| payroll\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| employee\_id | INT | NOT NULL, FOREIGN KEY (employee\_id) REFERENCES employee\_gary(employee\_id) |
| salary | DECIMAL(10, 2) | NOT NULL |
| bonus | DECIMAL(10, 2) | NOT NULL |
| pay\_date | DATE | NOT NULL |

1. family\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| family\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| employee\_id | INT | NOT NULL, FOREIGN KEY (employee\_id) REFERENCES employee\_gary(employee\_id) |
| family\_phone | VARCHAR(100) |  |
| family\_position | VARCHAR(200) |  |

1. production\_order\_gary:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| production\_order\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| production\_line\_id | INT | NOT NULL, FOREIGN KEY (production\_line\_id) REFERENCES production\_line\_gary(production\_line\_id) |
| product\_id | INT | NOT NULL, FOREIGN KEY (product\_id) REFERENCES product\_gary(product\_id) |
| order\_date | DATE | NOT NULL |