Database Name: ThesisDB

Table Name: Comment

Table No.: 1

Primary Key: commentID

Foreign Key: userID, requestID

|  |  |  |
| --- | --- | --- |
| Field name | Data Type | Description |
| commentID | Int(6) | ID for comment made |
| tableCommented | Varchar(50) | To which table user commented |
| Comment | Varchar(50) | Comment of user |
| userID | Int(20) | ID of user |
| requestID | Int(20) | ID of request |
| Date | Date | Date of comment |

Database Name: ThesisDB

Table Name: department

Table No.: 2

Primary Key: deptID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| deptID | Int (20) | Department ID |
| deptName | Varchar (100) | Department Name |

Database Name: ThesisDB

Table Name: department\_section

Table No.: 3

Primary Key: areaID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| areaID | Int (20) | ID for designated |
| areaName | Varchar (100) | Name of the area |
| deptID | Int (20) | Department ID |

|  |  |  |
| --- | --- | --- |
| Field name | Data Type | Description |
| commentID | Int(6) | ID for comment made |
| tableCommented | Varchar(50) | To which table user commented |
| Comment | Varchar(50) | Comment of user |
| userID | Int(20) | ID of user |
| requestID | Int(20) | ID of request |
| Date | Date | Date of comment |

Database Name: ThesisDB

Table Name: for\_payment

Table No.: 4

Primary Key: transID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| transID | Int (10) | Transaction ID |
| po\_id | Int (50) | Purchase order ID |
| date | Date | Date of transaction |

Database Name: ThesisDB

Table Name: inventory

Table No.: 5

Primary Key: inventory\_id

Foreign Key: itemID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| inventory\_id | Int (20) | Inventory ID |
| itemID | Int (20) | Item ID |
| department | Varchar (100) | Department ID |
| dept\_section | Varchar (100) | Department Area ID |

Database Name: ThesisDB

Table Name: item

Table No.: 6

Primary Key: itemID

Foreign Key: requestID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| itemID | Int (10) | Item ID |
| itemName | Varchar (50) | Item name |
| unit | Varchar (50) | Item unit |
| quantity | Int (15) | Item quantity |
| pricePerUnit | Double | Item price |
| categoryID | Int (20) | Item category |
| requestID | Int (20) | Request ID |
| PO\_Number | Int (20) | Purchase Order ID |

Database Name: ThesisDB

Table Name: item\_inventory

Table No.: 7

Primary Key: item\_id

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| item\_id | Int (50) | Inventory item ID |
| quantity | Int (100) | Item quantity |
| item\_name | Varchar (100) | Item name |
| item\_description | Varchar (100) | Item description |
| control\_number | Int (100) | Item control number |
| remarks | Varchar (100) | Remarks |
| department | Varchar (100) | Department |
| dept\_section | Varchar (100) | Department Area |

Database Name: ThesisDB

Table Name: item\_request

Table No.: 8

Primary Key: requestID

Foreign Key: userID, approved\_by

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| requestID | Int (5) | Request ID |
| userID | Int (11) | User ID |
| date\_requested | Date | Date of Request |
| status | Varchar (20) | Status of request |
| approved\_by | Varchar (20) | User who approved the request |
| date\_approved | Date | Date of request approval |
| requestType | Varchar (100) | Type of request |

Database Name: ThesisDB

Table Name: ordered\_po

Table No.: 9

Primary Key: orderID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| orderID | Int (10) | Order ID |
| po\_id | Int (50) | Purchase order ID |
| date | Date | Date of order |

Database Name: ThesisDB

Table Name: po\_prepared

Table No.: 10

Primary Key: transID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| transID | Int (10) | Transaction ID |
| po\_id | Int (50) | Purchase order ID |
| date | Date | Date of which PO was prepared |

Database Name: ThesisDB

Table Name: purchase\_order

Table No.: 11

Primary Key: PO\_number

Foreign Key: supplier\_id, request\_id

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| PO\_number | Int (20) | Purchase order number |
| supplier\_id | Int (20) | Supplier ID |
| request\_id | Int (20) | Request number/ID |
| order\_date | Date | Date which the PO was ordered |
| credit\_terms | Int (32) | Payment Terms |
| status | Varchar (50) | Status of purchase order |

Database Name: ThesisDB

Table Name: request\_processed

Table No.: 12

Primary Key: processID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| processID | Int (10) | Process/transaction ID |
| requestID | Int (50) | Request ID |
| date | Date | Date of request processing |
| request\_type | Varchar (50) | Type of request |

Database Name: ThesisDB

Table Name: supplier

Table No.: 13

Primary Key: supplierID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| supplierID | Int (11) | Supplier ID |
| supplierName | Text | Supplier Name |
| supplierAddress | Varchar (40) | Supplier Address |
| phone\_no | Varchar (20) | Phone/Contact number |
| email | Varchar (50) | Email |
| itemSupplied | Varchar (40) | Item types supplied by the supplier |

Database Name: ThesisDB

Table Name: users

Table No.: 14

Primary Key: userID

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Description |
| userID | Int (11) | User ID |
| username | Varchar (20) | User’s username |
| email | Varchar (60) | User email |
| pass | Varchar (40) | User password |
| role | Varchar (40) | User role |
| department | Varchar (100) | User designated department |