1. Function: f\_GET\_PRODUCTS\_FOR\_EMPLOYEE\_ID

**Table-valued function returning the product name for the given employee id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | EMPLOYEEID | INT | Input parameter for the table-valued function f\_GET\_PRODUCTS\_BY\_EMPLOYEE\_ID. Enter a valid EMPLOYEEID from the EMPLOYEE table. | |

2. Function: f\_GET\_DEMANDS\_FOR\_COMPANY\_USERID

**Table-valued function returning the all columns of demand table for the given company user id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | COMPANY\_USERID | INT | Input parameter for the table-valued function f\_GET\_DEMANDS\_BY\_COMPANY\_USERID. Enter a valid COMPANY\_USERID from the COMPANY\_USER table. | |

3. Function: f\_GET\_ALL\_DEMAND\_URGENCY\_FOR\_EMPLOYEEID

**Table-valued function returning the urgency types and total number of demands on the basis of urgency type for the given employee id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | EMPLOYEEID | INT | Input parameter for the table-valued function f\_GET\_ALL\_DEMAND\_URGENCY\_BY\_EMPLOYEEID. Enter a valid EMPLOYEEID from the EMPLOYEE table. | |

4. Function: f\_GET\_ALL\_DEMAND\_TYPES\_FOR\_EMPLOYEEID

**Table-valued function returning the demand types and total number of demands on the basis of demand type for the given employee id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | EMPLOYEEID | INT | Input parameter for the table-valued function f\_GET\_ALL\_DEMAND\_TYPES\_BY\_EMPLOYEEID. Enter a valid EMPLOYEEID from the EMPLOYEE table. | |

5. Function: f\_GET\_ALL\_DEMAND\_STATES\_FOR\_EMPLOYEEID

**Table-valued function returning the demand states and total number of demands on the basis of demand state for the given employee id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | EMPLOYEEID | INT | Input parameter for the table-valued function f\_GET\_ALL\_DEMAND\_STATES\_BY\_EMPLOYEEID. Enter a valid EMPLOYEEID from the EMPLOYEE table. | |

6. Function: f\_GET\_ALL\_DEMAND\_FOR\_COMPANY

**Table-valued function returning the all columns of demand table for the given company id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | COMPANYID | INT | Input parameter for the table-valued function f\_GET\_ALL\_DEMAND\_FOR\_COMPANY. Enter a valid COMPANYID from the COMPANY table. | |

7. Function: f\_COUNT\_OF\_DEMAND\_FOR\_COMPANY\_BY\_STATE

**Table-valued function returning the demand state and count of demand on the basis of demand state for the given company id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | COMPANYID | INT | Input parameter for the table-valued function f\_COUNT\_OF\_DEMAND\_FOR\_COMPANY\_BY\_STATE. Enter a valid COMPANYID from the COMPANY table. | |

8. Function: f\_GET\_ALL\_DEMAND\_FOR\_EMPLOYEEID

**Table-valued function returning the demands for the given employee id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | EMPLOYEEID | INT | Input parameter for the table-valued function f\_GET\_ALL\_DEMAND\_BY\_EMPLOYEEID. Enter a valid EMPLOYEEID from the EMPLOYEE table. | |

9. Function: f\_GET\_ALL\_DEMAND\_AND\_STATES\_FOR\_EMPLOYEEID

**Table-valued function returning the all demands and demand states for the given employee id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | EMPLOYEEID | INT | Input parameter for the table-valued function f\_GET\_ALL\_DEMAND\_AND\_STATES\_BY\_EMPLOYEEID. Enter a valid EMPLOYEEID from the EMPLOYEE table. | |

10. Function: f\_COUNT\_OF\_DEMAND\_FOR\_COMPANY\_USERID\_BY\_STATE

**Table-valued function returning the demand state and count of demand on the basis of demand state for the given company user id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | COMPANY\_USERID | INT | Input parameter for the table-valued function f\_COUNT\_OF\_DEMAND\_FOR\_COMPANY\_USERID\_BY\_STATE. Enter a valid COMPANY\_USERID from the COMPANY\_USER table. | |

11. Function: f\_COUNT\_OF\_COMPANY\_PRODUCT\_FOR\_COMPANYID

**Scalar-valued function returning count of product for the given company id.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | COMPANYID | INT | Input parameter for the scalar-valued function f\_COUNT\_OF\_COMPANY\_PRODUCT\_FOR\_COMPANYID. Enter a valid COMPANYID from the COMPANY table. | |

12. Function: [dbo].[Format\_Phone\_Number]

**Scalar-valued function returning the true format for the given telephone number.**

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | | DATA TYPE |  | DESCRIPTION / ATTRIBUTES |
| @ | RETURNS | TABLE TYPE |  | |
| @ | PHONENUMBER | VARCHAR(11) | Input parameter for the scalar-valued function [dbo].[Format\_Phone\_Number]. | |