**B/E Aerospace Consumables Management**

14

**Application Database Design Details**

**Technical Document**

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# DATABASE DOCUMENTATION

The document defines the implementation of the data flow including calculations, technical details, data manipulation, data processing, behaviour of the system and other required functionalities.

## BRIEF DESCRIPTION

This section describes the each table briefly, its usage and process where it used.

### KITS

**Usage:** Master table to hold information related to a Kit BOM which are present in both, database and CARDEX. This store the Meta data related to Kit.

**Process:** Anytime a new kit BOM is created or modified, the Kits Table is record is created or modified.

### KIT\_MEDIA\_TYPES

**Usage:** Master table to holds information related to a KitMediaType, the layout of a kit depends on the configurations of a kit media type.

**Process:** A new kit is created based on the layout settings of a kit media type. Also the numbers of the cups that are associated with a kit depend on the number of compartments of the KitMediaTypes table.

### CUPS

**Usage:** Holds information related to a Cup (compartment). It references Kits table with ID.

**Process:** When a new kit is created, cups are created based on the layout of the kit.

### PARTS

**Usage:** This master table to holds part information for CARDEX, loaded when a part is loaded from CARDEX, acts as a parts cache.

**Process:** Anytime a user searches for a part, the PART table is used as a cache to display part information.

### CUP\_PARTS

**Usage:** It holds information related to part of a cup for a kit. It references Kits, Cups and Parts.

**Process:** Any time user adds/edit/deletes a part to a kit or delete, the CUP\_PARTS table maps the parts with the cups table.

### KIT\_COPIES

**Usage:** Holds information related to copy a kit. Logically it’s the kit copy whose parts are filled and received.

**Process:** A user either prints pick ticket or receives a kit copy and fills the required quantity of parts. A user can create up to 10 copies of the same kit.

### LOCATIONS

**Usage:** It holds information related to the present locations (Queues) that a kit can be moved to, that includes both logical and physical queues.

**Process:** This table is just for listing all the queues that a kit can belong to.

### CUSTOMERS

**Usage:** It holds details related to all users that have logged into the portal.

**Process:** Anytime a user logs in all its customer details are logged in Customers table.

### KIT\_FILLINGS

**Usage:** This table holds information about Kit filling operations that includes filling related details such as how many parts are filled completely, or partial or empty.

**Process:** Any time a Kitting operator fills a kit it creates an entry in this table.

### KIT\_FILLING\_DETAILS

**Usage:** It holds filling related details of a kit, how many parts are filled, partial or empty

**Process:** Any time a user fills a kit it creates an entry equal to the number of parts that a kit has.

### KIT\_VERSION\_TRACKS

**Usage:** It holds Versions of a kit and stores cup and part details for each version of a kit.

**Process:** Anytime a kit's details such as parts, notes, etc are added /updated. Its data is logged in kit version tracks table. This table is for storing historical data of a kit.

### KIT\_ORDER\_FULFILLMENTS

**Usage:** It holds historical data related to Orders made for a kit.

**Process:** When a kit is send to stock or shipped after filling it, its details are logged in this table. The kit metrics report is generated fetching data from this table.

### KITTING\_PICK\_HISTORIES

**Usage:** Holds historical data related to pick sheets of a kit.

Process: When a pick ticket is generated from the kit Process:ing or a pick sheet is generated from kit receiving menu, its data is logged in this table.

### KITTING\_TURN\_REPORT\_DETAILS

**Usage:** Holds data related to how many times a part was turned for a kit. The count is date specific.

**Process:** When parts of a kit are filled, its count is calculated and stored in this table. The data is grouped by part, cup, kit number and date.

### TRACK\_COPY\_VERSIONS

**Usage:**  It Holds data related to current kit BOM version, picked version and filled version. Used for displaying changed data from pick ticket and kit filling/ receiving screen.

**Process:** When a kit BOM is changed and approved, the change should be displayed and needs to be acknowledged when a kit is filled or picked. This table logs the data for the same.

### KIT\_BOM\_BULK\_OPERATIONS

**Usage:** It holds data related to bulk operations like kit BOM upload, kit BOM download, and bulk part replacement.

**Process:** When a kit BOM is uploaded or downloaded, or a part is replaced for all containing kits, its data is logged in this table.

### KIT\_FILLING\_HISTORY\_REPORTS

**Usage:** Used for fetching records when generating kit\_filling\_tracking\_history report. Stored historical data for faster data retrieval and showing in report.

**Process:** Stores all kit filling details related data which is processed for generating the kit\_filling\_tracking\_history report.

### VERSIONS

**Usage:**  Used mainly for showing kit history in timeline created by paper\_trail gem.

**Process:** When the entries in the following tables are inserted/updated : kits, cup\_parts, kit\_fillings, kit\_filling\_details, track\_copy\_version, kit\_version\_track tables, its data is logged in versions table.

### AGUSTA\_AIRCRAFT\_DETAILS

**Usage:** It’s used to display search details for Agusta users. This table acts as Cardex data cache.

**Process:** Stores aircraft details such as air craft id and kit part numbers. Data is entered from mule

### AGUSTA\_STATIONS

**Usage:** It holds Pickup/Delivery points, used to display on index page for user to search details

**Process:** When a user searches from Agusta index page, its pickup/delivery details like station type, Station Name, etc are logged in this table.

### ORDERS

**Usage:** Holds Order ID currently used by Agusta.

**Process:** When an order is completed its summarized details are logged in orders (currently for Agusta) table.

### ORDER\_PART\_DETAILS

**Usage:** Holds the order details from order table

**Process:** When an order is completed its full details are logged in this table (for Agusta).

### SESSIONS

**Usage:** Holds the current user's session data

**Process:** When a user logs in, his/her session id is carried forward throughout the application.

### SCHEMA\_MIGRATIONS

**Usage:** Holds the timestamp of time of each table creation.

**Process:** When a new table is created, its version timestamp is logged in this table.

## DETAILED DESCRIPTION

This section describes the each table in details, its column by details and how it’s used in each process.

### KITS

|  |  |
| --- | --- |
| **Kits** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments the value |
| KIT\_MEDIA\_TYPE\_ID | Foreign key references KIT\_MEDIA\_TYPES. |
| SHOP\_ID | Unused column |
| KIT\_NUMBER | KIT BOM Number, auto created based on customer number and last id value. |
| STATUS | Indicates status of a kit 1 means kit is active, 2 means kit is inactive |
| CREATED\_AT | Auto created column. Indicates timestamp of creation date of kit. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of kit. |
| CUST\_NO | Customer Number of the kit belongs to. |
| BINCENTER | Name of the shelving, rack or carousel containing bins. |
| CUSTOMER\_ID | Foreign key references CUSTOMERS. |
| NOTES | Notes about the kit. |
| DESCRIPTION | Description about the kit |
| COMMIT\_ID | Holds the parent kit's id, used when kit is in edit mode. |
| COMMIT\_STATUS | Commit status 0 or null means kit unapproved, 1 means kit approved |
| CURRENT\_VERSION | Current version of the kit after edits. |
| EDIT\_STATUS | NK for a new kit created FK for finished kit after approval |
| PART\_BINCENTER | Same as bin centre but with location of part. |
| CREATED\_BY | Customer ID of the user who created the kit. |
| UPDATED\_BY | Customer ID of the user who updated the kit. |

### KIT\_MEDIA\_TYPES

|  |  |
| --- | --- |
| **Kit\_Media\_Types** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| NAME | Name of the Kit Media Type |
| COMPARTMENT | Maximum number of compartments a Kit Media Type can afford. |
| KIT\_TYPE | Type of the kit which it belongs to. |
| DESCRIPTION | Description about the Kit Media Type. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation date of Kit Media Type. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of Kit Media Type. |
| COMPARTMENT\_LAYOUT |  |
| CUSTOMER\_NUMBER | Customer Number of the Kit Media Type belongs to. |
| CUSTOMER\_NAME | Customer Name of the Kit Media Type belongs to. |
| CUSTOMER\_ID | Foreign key references CUSTOMERS. |

### CUPS

|  |  |
| --- | --- |
| **CUPS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| KIT\_ID | Foreign key references KITS. |
| STATUS | Indicates status of a cup 1 means cup is **active**, 0 means cup is **inactive**. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation date of Cups. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of Cups. |
| REF1 | Customer’s operation number on their job instruction sheet. It is a customer derived number relating to the operation sequence which they build the assembly. |
| REF2 | Same as REF1 |
| REF3 | Same as REF1 |
| COMMIT\_ID | Holds the parent cup's id, used when cup is in edit mode. |
| COMMIT\_STATUS | Commit status 0 or null means kit unapproved and 1 means kit approved. |
| CUP\_DIMENSION |  |
| CUP\_NUMBER | Unique Number for the cup/compartment.. |

### PARTS

|  |  |
| --- | --- |
| **PARTS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| PART\_NUMBER | Unique number of Part. |
| IMAGE\_NAME | Image name of the Part. |
| DESCRIPTION | Description about the Part. |
| STATUS | Unused column. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation date of Parts. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of Parts. |
| NAME | Name of the Part Number. |
| CUSTOMER\_NUMBER | Customer Number of the Part belongs to. |
| LARGE\_CUP\_COUNT | Maximum number of parts a large cup can fit. |
| MEDIUM\_CUP\_COUNT | Maximum number of parts a medium cup can fit. |
| SMALL\_CUP\_COUNT | Maximum number of parts a small cup can fit. |

### CUP\_PARTS

|  |  |
| --- | --- |
| **CUP\_PARTS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value |
| CUP\_ID | Foreign key references CUPS. |
| PART\_ID | Foreign key references PARTS. |
| DEMAND\_QUANTITY | Total quantity of part numbers demanded. |
| STATUS | Indicates status of a cup part , 1 means cup part is active, 0 means kit is inactive |
| CREATED\_AT | Auto created column. Indicates timestamp of creation date of Cup parts. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of Cup parts. |
| COMMIT\_ID | Holds the parent cup\_part's id, used when cup part is in edit mode. |
| COMMIT\_STATUS | Commit status 0 or null means cup part unapproved and 1 means cup part approved. |
| UOM | Indicates Unit of measure. |

### KIT\_COPIES

|  |  |
| --- | --- |
| **KIT\_COPIES** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| KIT\_ID | Foreign key references KITS. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation date of Kit copies. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of Kit copies. |
| KIT\_VERSION\_NUMBER | Kit copy number. |
| LOCATION\_ID | Foreign key references LOCATIONS. |
| STATUS | Unused column. |
| CUSTOMER\_ID | Foreign key references CUSTOMERS. |
| VERSION\_STATUS | Version number of Kit BOM. |

### LOCATIONS

|  |  |
| --- | --- |
| Locations | |
| **COLUMN** | **Description** |
| ID | Implicitly created. Default primary key column. Auto increments by sequence. |
| NAME | Name of the Queue that a kit can be moved to. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation date of Locations. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of Locations. |

### CUSTOMERS

|  |  |
| --- | --- |
| Customers | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| CUST\_NO | Customer number of the user who logged in. |
| CUST\_NAME | Customer Name of the user who logged in. |
| USER\_NAME | Total quantity of part numbers demanded. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation date of Customer. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of Cup parts. |
| USER\_LEVEL | Level of user who logged in. |
| USER\_TYPE | Type of user who logged in |
| MULTIPLE\_PART | Specifies whether customer is allowed to add multiple parts in a cup. It is a Boolean value. |
| ACCOUNTS | List of customer numbers a user can switch to. |

### KIT\_FILLINGS

|  |  |
| --- | --- |
| **KIT\_FILLINGS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| KIT\_COPY\_ID | Foreign key references KIT\_COPIES. |
| LOCATION\_ID | Foreign key references LOCATIONS. |
| CREATED\_AT | Auto created column. Indicates initialization date of kit filling |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of kit. |
| FILLED\_STATE | Represents where the kit is empty, partially or fully filled. |
| CREATED\_BY | Customer Number of the customer who started filling the kit. |
| FLAG | Indicates the stage of filling, if flag is 1 means flag is under filling, if 0 then its either filled and send to stock or shipped. |
| CUSTOMER\_ID | Foreign key references CUSTOMERS. |
| RECEIVED | Flag for differentiating whether kit is filled from processing or from receiving menu. |
| RBO\_STATUS | Indicates whether the RBO for sending the kit to stock or shipped has been successfully invoked. If not then its 'revoked' state. If it gets hung in the middle its 'invoking' state |

### KIT\_FILLING\_DETAILS

|  |  |
| --- | --- |
| **KIT\_FILLING\_DETAILS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| KIT\_FILLING\_ID | Foreign key references KIT\_FILLINGS. |
| CUP\_PART\_ID | Foreign key references CUP\_PARTS. |
| FILLED\_QUANTITY | Actual Quantity filled of the part. |
| CREATED\_AT | Auto created column. Indicates initialization date of kit filling |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of any column of the row. |
| FILLED\_STATE | Represents whether the kit is empty, partially or fully filled. |
| TURN\_COUNT | 1 or 0, if the part was turned then 1 else 0. |

### KIT\_VERSION\_TRACKS

|  |  |
| --- | --- |
| **KIT\_VERSION\_TRACKS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value |
| KIT | Contains Kit Details in BLOB |
| CUPS | Contains Cups Details of the kit in BLOB |
| CUP\_PARTS | Contains Cup\_parts Details of the kit in BLOB |
| KIT\_VERSION | Indicates kit version 1 means first time without change, 2 means after first change. |
| KIT\_ID | Foreign key references KIT. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of kit version track. |
| UPDATED\_AT | Auto created column. Indicates timestamp of last update date of kit. |
| KIT\_NUMBER | Kit Number of the Kit whose version is being tracked. |

### KIT\_ORDER\_FULFILLMENTS

|  |  |
| --- | --- |
| **KIT\_ORDER\_FULFILLMENTS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value |
| KIT\_FILLING\_ID | Foreign Key References KIT\_FILLINGS |
| KIT\_COPY\_NUMBER | Kit copy number of whose the order has been placed |
| KIT\_NUMBER | Kit number of whose the order has been placed |
| USER\_NAME | Current User's Name |
| CUST\_NAME | Current User's Customer Name |
| FILLED\_STATE | Represents whether the kit is empty, partially or fully filled. |
| LOCATION\_NAME | Gives the Queue Name where the kit is located. |
| ORDER\_NO\_CLOSED | Order Number selected during the time of placing order , received from RBO after sending the kit to stock or shipped. |
| SCANCODE\_CLOSED | Scan code selected during the time of placing order , received from RBO after placing the order |
| ORDER\_NO\_RECEIVED | List of Order No’s received while placing the order |
| SCANCODE\_RECEIVED | List of Scan code No’s received while placing the order |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of updating any record in the row. |
| BOX\_ID | Box\_ID as received from RBO when placing the order. |
| CUST\_NO | Customer Number who placed the order |

### KITTING\_PICK\_HISTORIES

|  |  |
| --- | --- |
| **KITTING\_PICK\_HISTORIES** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value |
| KIT\_NUMBER | Kit number of the picked kit |
| BINCENTER | Bin enter of the picked kit |
| KIT\_COPY\_ID | Foreign Key References KIT\_COPIES |
| BINLOCATION | Bin location of the picked kit |
| ORDERNOLIST | Specifies how many orders exist for the kit. |
| CUP\_ID | Cup Numbers of the picked parts of the kit. |
| PART\_NUMBER | Part Numbers of the picked parts of the kit. |
| CREATED\_BY | Customer Number of the customer who generated the pick ticket of the kit. |
| UPDATED\_BY | Unused Column |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of updating any record in the row. |
| KIT\_FILLING\_ID | Foreign Key References KIT\_FILLINGS |
| FLAG |  |

### KITTING\_TURN\_REPORT\_DETAILS

|  |  |
| --- | --- |
| **KITTING\_TURN\_REPORT\_DETAILS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value |
| KIT\_NUMBER | Kit number of the filled or picked kit. |
| KIT\_DESCRIPTION | Description of the kit which is picked or filled. |
| CUP\_NO | Cup Number of the turned parts (i.e filled or picked parts). |
| PART\_NUMBER | Part Numbers that are turned (i.e filled or picked) |
| TURNS\_COPY1 | Total turn count for 1st copy of the kit for the specified part and cup. |
| TURNS\_COPY2 | Total turn count for 2nd copy of the kit for the specified part and cup. |
| TURNS\_COPY3 | Total turn count for 3rd copy of the kit for the specified part and cup. |
| TURNS\_COPY4 | Total turn count for 4th copy of the kit for the specified part and cup. |
| TURNS\_COPY5 | Total turn count for 5th copy of the kit for the specified part and cup. |
| TURNS\_COPY6 | Total turn count for 6th copy of the kit for the specified part and cup. |
| TURNS\_COPY7 | Total turn count for 7th copy of the kit for the specified part and cup. Total turn count for 1st copy of the kit for the specified part and cup. |
| TURNS\_COPY8 | Total turn count for 8th copy of the kit for the specified part and cup. |
| TURNS\_COPY9 | Total turn count for 9th copy of the kit for the specified part and cup. |
| TURNS\_COPY10 | Total turn count for 10th copy of the kit for the specified part and cup. |
| CUST\_NO | Customer Number who turned the parts in the kit. |

### KIT\_BOM\_BULK\_OPERATIONS

|  |  |
| --- | --- |
| **KIT\_BOM\_BULK\_OPERATIONS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value |
| OPERATION\_TYPE | Indicates which operation is performed  BOM DOWNLOAD  PART REPLACEMENT  KIT UPLOAD  PART CUP COUNT |
| FILE\_PATH | File Name of the uploaded/downloaded file/ |
| STATUS | Status of the file upload, completed or pending. |
| CUSTOMER\_ID | Foreign Key references CUSTOMERS |
| KIT\_NUMBER | Logs Kit Number if the operation is BOM DOWNLOAD. |
| BIN\_CENTER | Logs Bin Centre if the operation is BOM DOWNLOAD. |
| PART\_NUMBER | Unused column |
| NEW\_PART\_NUMBER | The Part Number that replaced the old part. |
| OLD\_PART\_NUMBER | The Part Number that is to be replaced with the new part.. |
| IS\_DOWNLOADED | True Or False. If the KIT BOM is downloaded then true, else False. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of update of any column in row entry in the table. |

### TRACK\_COPY\_VERSIONS

|  |  |
| --- | --- |
| **TRACK\_COPY\_VERSIONS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| KIT\_COPY\_ID | Foreign key references KIT\_COPIES |
| VERSION | Current Version of the Kit BOM after latest approval. |
| PICKED\_VERSION | Version of the Kit logged while generating pick ticket. |
| FILLED\_VERSION | Version of the Kit logged while Kit is to be filled. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of updating of any column entry in the row in the table. |

### KIT\_FILLING\_HISTORY\_REPORTS

|  |  |
| --- | --- |
| **KIT\_FILLING\_HISTORY\_REPORTS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| KIT\_NUMBER | The kit number of the kit that was filled. |
| KIT\_COPY\_NUMBER | The kit copy number of the kit that was filled. |
| CUSTOMER\_NUMBER | The Customer Number of the customer who filled the kit. |
| CUP\_NO | Specifies the cup number in which the part resides. |
| PART\_NUMBER | Specifies the part number of the part inside the cup of the kit. |
| DEMAND\_QTY | The actual required quantity of the part. |
| FILLED\_QTY | The actual amount of quantity that was filled for the part. |
| CREATED\_BY | The Customer Name who filled the kit.. |
| FILLING\_DATE | The date when the kit was filled. |
| KIT\_FILLING\_ID | Foreign Key references KIT\_FILLINGS. |
| CUP\_PART\_ID | Foreign Key references CUP\_PARTS. |
| CUP\_PART\_STATUS | Unused Column |
| CUP\_PART\_COMMIT\_STATUS | Unused Column |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of updating of any column entry in the row in the table. |

### VERSIONS

|  |  |
| --- | --- |
| **VERSIONS** | |
| **COLUMN** | **Description** |
| ITEM\_TYPE | The entity for which the version is being created.  Can be one of the following :  Kit  KitVersionTrack  OrderPartDetail  TrackCopyVersion  KitFilling  Order  CupPart  KitFillingDetail |
| ITEM\_ID | The id of the item for which the version is being maintained. |
| EVENT | The event i.e create, update, destroy of the item for which the version is being tracked |
| WHODUNNIT | The customer number of the customer who performed the event for the item. |
| OBJECT | CLOB object details of the event, Null if event is create. |
| CREATED\_AT | The creation date of the item event. |

### AGUSTA\_AIRCRAFT\_DETAILS

|  |  |
| --- | --- |
| **AGUSTA\_AIRCRAFT\_DETAILS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value |
| CUSTOMER\_NUMBER | Stores the Customer number of aircraft & kit part number respectively |
| AIRCRAFT\_ID | Stores the Aircraft ID |
| KIT\_PART\_NUMBERS | Stores Kit part numbers which belongs to the aircraft id |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of update of any column in row entry in the table. |

### AGUSTA\_STATIONS

|  |  |
| --- | --- |
| **AGUSTA\_STATIONS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| NAME | Stores the name of the station type[PICKUP OR DISCHARGE] |
| STATION\_TYPE | Stores the Station type information of [Pickup/Discharge point] |
| CUSTOMER\_NUMBER | Stores the Customer number of stations[pickup & discharge point] |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of update of any column in row entry in the table. |

### ORDERS

|  |  |
| --- | --- |
| **ORDERS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value |
| ORDER\_NUMBER | Stores the Order Number |
| ORDER\_TYPE | Stores the Order type[Desk/Floor Request] |
| ORDER\_STATUS | Stores the Status of Order. |
| CUSTOMER\_NAME | Stores Customer Name. |
| CUSTOMER\_NUMBER | Stores Customer Number. |
| PROJECT\_ID | Stores the Project ID that the order was requested for. |
| STATION\_NAME | Stores Pickup station name |
| DISCHARGE\_POINT\_NAME | Stores Discharge Point Name. |
| KIT\_PART\_NUMBER | Stores Kit Part Number for the order |
| CREATED\_BY | Stores the record for the order that was created by. |
| UPDATED\_BY | Stores the Customer name for a updated order[Unused] |
| REMARK | Stores the Notes/Remark for order |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of update of any column in row entry in the table. |

### ORDER\_PART\_DETAILS

|  |  |
| --- | --- |
| **ORDER\_PART\_DETAILS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| ORDER\_ID | Order Id for Requested Order |
| PART\_NUMBER | Requested Part Number for the Order |
| QUANTITY | No of Part number ordered. |
| NOTE | Note/Details for requested part number. |
| FULFILMENT\_DATE\_TIME | Stores fulfilment Date & Time. |
| SHIPMENT\_DATE\_TIME | Stores Shipment Date & Time for the Order. |
| CARRIER\_NAME | Carrier Name though which Oder will be delivered. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of update of any column in row entry in the table. |

### SESSIONS

|  |  |
| --- | --- |
| **SESSIONS** | |
| **COLUMN** | **Description** |
| ID | Implicitly created default primary key column. Auto increments its value. |
| SESSION\_ID | Session ID of the logged in user. |
| DATA | Session Data of the logged in user. |
| CREATED\_AT | Auto created column. Indicates timestamp of creation of entry in row entry in the table. |
| UPDATED\_AT | Auto created column. Indicates timestamp of updation of any column entry in the row in the table. |

### SCHEMA\_MIGRATIONS

|  |  |
| --- | --- |
| **SCHEMA\_MIGRATIONS** | |
| **COLUMN** | **Description** |
| VERSIONS | Logs the timestamp of table creation time. Created by rails implicitly, when any new migrations are run, its timestamp's entry is logged in this table. |