Database model documentation

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1. Model details

Model name:

Embraer_Oracle_Logical

Version:

2.4

Database engine:

Oracle Database

Description:

2. Tables

2.1. Table CHASSI
Description:

Chassi table

2.1.1. Columns

Column name	Type	Properties	Description
chassi_id	integer	PK	Id chassi
chassi_dtregister	timestamp		chassi register date time
chassi_status	char(1)		Chassi status,
USER_user_id	integer		Tables references between Chassi and Service Bulletin

2.2. Table USER
Description:

User table

2.2.1. Columns

Column name	Type	Properties	Description
user_id	integer	PK	ID table
user_username	varchar2(50)		Field to describe user name
user_password	varchar2(256)		Field to describe password user, will be used cryptography
user_status	char(1)		
PERMISSION_permission_id	integer		Permission ID, Foreign key

2.3. Table PERMISSION
Description:

Permission table

2.3.1. Columns

Column name	Type	Properties	Description
permission_id	integer	PK	ID permission records

permission_name	varchar2(50)		Permission name

2.4. Table SERVICE_BULLETIN
Description:

Service Bulletin table

2.4.1. Columns

Column name	Type	Properties	Description
sb_id	integer	PK	Field describe id records.
sb_name	varchar2(100)		
sb_dtregister	timestamp		Field about date time of records
sb_partservice	varchar2(50)		Field describe part service of Service Bulletin
USER_user_id	integer		User ID Foreign Key

2.5. Table CONDITIONAL_SBITEM
Description:

Conditional Service Bulletin Table

2.5.1. Columns

Column name	Type	Properties	Description
condition_id	integer	PK	Conditionaal_SBITE ID records.
condition_var	varchar2(50)		Conditional SBITE description or notes
SERVICE_BULLETIN _sb_id	integer		Service Bulletin ID, Foreign Key
FORMULA_formula_ id	integer		Formula ID, Foreign Key
ITEM_item_id	integer		Item ID, Foreign Key

2.6. Table FORMULA
Description:

Formula table

2.6.1. Columns

Column name	Type	Properties	Description
formula_id	integer	PK	Formula ID records
formula_desc	varchar2(250)		Field description about Formula

2.7. Table ITEM

Description:

ITEM table

2.7.1. Columns

Column name	Type	Properties	Description
item_id	integer	PK	Item ID record
item_name	varchar2(250)		Describe name of item
item_dtregister	timestamp		Item record date time

2.8. Table CHASSI_SB

Description:

Relationship between Chassi and Service Bulletin

2.8.1. Columns

Column name	Type	Properties	Description
CHASSI_chassi_id	integer		Chassi ID, Foreign Key
SERVICE_BULLETIN _sb_id	integer		Service Bulletin ID, Foreign Key
chassi_sb_id	integer	PK	Chassi_SB ID records.

2.9. Table CHASSI_USER

Description:

Relationship between User and Chassi

2.9.1. Columns

Column name	Type	Properties	Description
CHASSI_cassi_id	integer		Foreign key, relationship between User and Chassi
USER_user_id	integer		Foreign key, relationship between User and Chassi

chassi_user_id	integer	PK	Chassi and user, ID table

2.10. Table EDIT_USER_SB

Description:

Relationship between User and Service Bulletin

2.10.1. Columns

Column name	Type	Properties	Description
edit_user_sb_id	integer	PK	ID table records
user_id_edit	integer		User ID, foreign key
sb_id	integer		Service Bulletin ID, Foreign Key

2.11. Table USER_ITEM

Description:

Relationship between User and Item

2.11.1. Columns

Column name	Type	Properties	Description
user_item_id	integer	PK	Register User Item ID records
item_id	integer		Item ID Foreign Key
user_id	integer		User ID Foreign Key

3. References

3.1. Reference USER_PERMISSION

PERMISSION	0..*	USER
permission_id	<->	PERMISSION_permission_id

3.2. Reference CHASSI_SB_CHASSI

CHASSI	0..*	CHASSI_SB
chassi_id	<->	CHASSI_chassi_id

3.3. Reference CHASSI_SB_SERVICE_BULLETIN

SERVICE_BULLETIN	0..*	CHASSI_SB
sb_id	<->	SERVICE_BULLETIN_sb_id

3.4. Reference CONDITIONAL_SBITE_SB

SERVICE_BULLETIN	0..*	CONDITIONAL_SBITEM
sb_id	<->	SERVICE_BULLETIN_sb_id

3.5. Reference CONDITIONAL_SBITE_FORMULA

FORMULA	0..*	CONDITIONAL_SBITEM
formula_id	<->	FORMULA_formula_id

3.6. Reference CHASSI_USER_CHASSI

CHASSI	0..*	CHASSI_USER
chassi_id	<->	CHASSI_cassi_id

3.7. Reference CHASSI_USER_USER

USER	0..*	CHASSI_USER
user_id	<->	USER_user_id

3.8. Reference CHASSI_USER

USER	0..*	CHASSI
user_id	<->	USER_user_id

3.9. Reference SERVICE_BULLETIN_USER

USER	0..*	SERVICE_BULLETIN
user_id	<->	USER_user_id

3.10. Reference EDIT_USER_SB_USER

USER	0..*	EDIT_USER_SB
user_id	<->	user_id_edit

3.11. Reference EDIT_USER_SB_SERVICE_BULLETIN

SERVICE_BULLETIN	0..*	EDIT_USER_SB
sb_id	<->	sb_id

3.12. Reference CONDITIONAL_SBITE_ITEM

ITEM	0..*	CONDITIONAL_SBITEM
item_id	<->	ITEM_item_id

3.13. Reference REGISTER_USER_ITEM_ITEM

ITEM	0..*	USER_ITEM
item_id	<->	item_id

3.14. Reference REGISTER_USER_ITEM_USER

USER	0..*	USER_ITEM
user_id	<->	user_id