Psgbd

Database model documentation

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1. Model details

Model name:

Psgbd

Version:

2.3

Database engine:

oracle

Description:

2. Tables

2.1. Table User

2.1.1. Columns

Column name	Type	Properties	Description
User_id	integer		
Username	varchar2(50)		
Password	varchar2(50)		
Email	varchar2(70)	null	

2.1.2. Alternate keys

Key name	Columns	Description
User_id	User_id	

2.2. Table Groups

2.2.1. Columns

Column name	Type	Properties	Description
Group_id	integer		
Name	varchar2(50)		

2.2.2. Alternate keys

Key name	Columns	Description
Group_unique1	Group_id, Name	

2.3. Table Product

2.3.1. Columns

Column name	Type	Properties	Description
Product_id	integer		
Category_id	integer		
Name	varchar2(30)		
Description	varchar2(100)	null	
Company_id	integer		

2.3.2. Alternate keys

Key name	Columns	Description
Product_unique	Product_id	

2.4. Table Category

2.4.1. Columns

Column name	Type	Properties	Description
Category_id	integer		
Name	varchar2(50)		
Description	varchar2(100)		

2.4.2. Alternate keys

Key name	Columns	Description
Category_unique	Category_id	

2.5. Table Characteristic

2.5.1. Columns

Column name	Type	Properties	Description
Characteristic_id	integer		
Name	varchar2(30)		
Value	varchar2(30)		

2.5.2. Alternate keys

Key name	Columns	Description
Characteristics_ak_1	Characteristic_id, Name	

2.6. Table User_groups

2.6.1. Columns

Column name	Type	Properties	Description
Record_id	integer		
Group_id	integer		

User_id	integer		

2.7. Table User_characteristics

2.7.1. Columns

Column name	Type	Properties	Description
Record_id	integer		
User_id	integer		
Characteristic_id	integer		

2.7.2. Alternate keys

Key name	Columns	Description
User_characteristics_ak_1	User_id, Characteristic_id	

2.8. Table Product_characteristics

2.8.1. Columns

Column name	Type	Properties	Description
Product_id	integer		
Record_id	integer		
Characteristic_id	integer		

2.9. Table Company

2.9.1. Columns

Column name	Type	Properties	Description
Record_id	integer		
Name	varchar2(30)		

2.9.2. Alternate keys

Key name	Columns	Description
Company_ak_1	Record_id	

3. References

3.1. Reference User_groups_Group

Groups	0..*	User_groups
Group_id	<->	Group_id

3.2. Reference Product_Category

Category	1..*	Product
Category_id	<->	Category_id

3.3. Reference User_groups_User

User	0..*	User_groups
User_id	<->	User_id

3.4. Reference Product_characteristics_Product

Product	1..*	Product_characteristics
Product_id	<->	Product_id

3.5. Reference Product_characteristics_Characteristic

Characteristic	1..*	Product_characteristics
Characteristic_id	<->	Characteristic_id

3.6. Reference User_characteristics_User

User	1..*	User_characteristics
User_id	<->	User_id

3.7. Reference User_characteristics_Characteristic

Characteristic	1..*	User_characteristics
Characteristic_id	<->	Characteristic_id

3.8. Reference Product_Company

Company	1..*	Product
Record_id	<->	Company_id