

Database model documentation

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1. Model details

Model name:

AS222S3_09VíctorCuaresma_Fisico

Version:

2.4

Database engine:

Microsoft SQL Server

Description:

The inventory of the company will be obtained taking into account the areas and also the depreciations

2. Tables

2.1. Table Estate

Description:

Here you will find all the details of the assets.

2.1.1. Columns

Column name	Type	Properties	Description
code	int	PK	There is the unique code of each good
Goods_detail	varchar(60)		The details of each good go through the unique code.
book_value	int		The value of each of the assets goes
Admission_date	date		The date of entry of each of the goods goes
depreciation_date	date		The date of depreciation of each of the assets goes
Annual_depreciation	decimal(8,2)		The annual depreciation of each of the assets goes
Monthly_Depreciation	decimal(8,2)		The monthly depreciation of each of the assets goes
Accumulated_depreciation	decimal(8,2)		The accumulated depreciation of each of the assets goes
Amount	int		The amount of each of the goods goes
State	char(4)		Here is the description of the status of the goods (high/low)
Areas_ID	int		

2.2. Table Areas

Description:

It will contain the description and information of the areas

2.2.1. Columns

Column name	Type	Properties	Description
ID	int	PK	The unique ID of each area is placed
area_name	varchar(80)		The name of each area is placed
Surnames	varchar(80)		Enter the last name of the person in charge of that area.
Names	varchar(80)		The name of the person in charge of that area is placed.

2.3. Table Depreciation

Description:

It is described in annual percentage in order to apply the formula and the assets considered.

2.3.1. Columns

Column name	Type	Properties	Description
depreciation_id	int	PK	The unique ID of each depreciation is recorded
Annual	int		If the discount percentage is known, it must be applied according to the formula
Descripcion	varchar(100)		The description is obtained according to the depreciation of each good
Estate_code	int		

3. References

3.1. Reference Estate_Areas

Description:

For each of the areas there is a description of each good

Areas	0..*	Estate
ID	<->	Areas_ID

3.2. Reference Depreciation_Estate

Description:

For each good included that is made, depreciation is taken into account.

Estate	0..*	Depreciation
code	<->	Estate_code