

orgi

Database model documentation

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1. Model details

Model name:

orgi

Version:

2.3

Database engine:

postgresql

Description:

2. Tables

2.1. Table Student Activity

2.1.1. Columns

Column name	Type	Properties	Description
ID	int		
name	varchar(50)		
Address	varchar(200)		
CreationDate	date		

2.1.2. Alternate keys

Key name	Columns	Description
Student_Activity_ak_1		

2.2. Table Account

2.2.1. Columns

Column name	Type	Properties	Description
ID	int		
FName	varchar(50)		
LName	varchar(50)		
BirthDay	date		
Email	varchar(50)		
Password	varchar(20)		
type	bit(3)		
Gender	varchar(20)		
mobile	varchar(20)		
address	varchar(100)		
Account_ID	int		

2.3. Table Task

2.3.1. Columns

Column name	Type	Properties	Description
ID	int		
name	varchar(50)		
Description	varchar(200)		
percentage	int		
startDate	date		
endDate	date		
startTime	time		
endTime	time		
completionDate	date		
completionTime	time		

2.4. Table Department

2.4.1. Columns

Column name	Type	Properties	Description
ID	int		
name	varchar(50)		
targetPlan	varchar(200)		
Account_ID	int		

2.5. Table compaign

2.5.1. Columns

Column name	Type	Properties	Description
ID	int		
Name	varchar(100)		
Description	varchar(200)		
startDate	date		
endDate	date		
StartTime	time		
endTime	time		
Student Activity_ID	int		

2.6. Table Report

2.6.1. Columns

Column name	Type	Properties	Description
ID	int		
X	varchar(50)		
Y	varchar(50)		
Isline	bit(1)		
IsPie	bit(1)		
IsBar	bit(1)		
Account_ID	int		

2.7. Table skill

2.7.1. Columns

Column name	Type	Properties	Description
ID	int		
skill	varchar(200)		
Account_ID	int		

2.8. Table Acc-Dep-SA

2.8.1. Columns

Column name	Type	Properties	Description
Student Activity_ID	int		
Department_ID	int		
Account_ID	int		

2.8.2. Indexes

Index name	Columns	Description
ID		

2.9. Table Acc-Dep-Task

2.9.1. Columns

Column name	Type	Properties	Description
Account_ID	int		
Department_ID	int		
Task_ID	int		
Rate	int		

2.10. Table Acc-Task-Comp

2.10.1. Columns

Column name	Type	Properties	Description
Account_ID	int		
Task_ID	int		
campaign_ID	int		

3. References

3.1. Reference A-D-AS_Student Activity

Student Activity	0..*	Acc-Dep-SA
ID	<->	Student Activity_ID

3.2. Reference A-D-AS_Department

Department	0..*	Acc-Dep-SA
ID	<->	Department_ID

3.3. Reference A-D-AS_Account

Account	0..*	Acc-Dep-SA
ID	<->	Account_ID

3.4. Reference A-T-C_Account

Account	0..*	Acc-Task-Comp
ID	<->	Account_ID

3.5. Reference A-T-C_Task

Task	0..*	Acc-Task-Comp
ID	<->	Task_ID

3.6. Reference A-T-C_campaign

campaign	0..*	Acc-Task-Comp
ID	<->	campaign_ID

3.7. Reference A-T-D_Account

Account	0..*	Acc-Dep-Task
ID	<->	Account_ID

3.8. Reference A-T-D_Department

Department	0..*	Acc-Dep-Task
ID	<->	Department_ID

3.9. Reference A-T-D_Task

Task	0..*	Acc-Dep-Task
ID	<->	Task_ID

3.10. Reference skill_Account

Account	1..*	skill
ID	<->	Account_ID

3.11. Reference campaign_Student Activity

Student Activity	0..*	campaign
ID	<->	Student Activity_ID

3.12. Reference Account_Account

Account	0..*	Account
ID	<->	Account_ID

3.13. Reference Department_Account

Description:

Manage

Department	1..1	Account
Account_ID	<->	ID

3.14. Reference Report_Account

Account	0..*	Report
ID	<->	Account_ID

4. Areas

4.1. manage subject area

4.1.1. References

- A-D-AS_Student Activity
- A-D-AS_Department
- A-D-AS_Account
- A-T-C_Account
- A-T-C_Task
- A-T-C_campaign
- A-T-D_Account
- A-T-D_Department
- A-T-D_Task
- skill_Account
- campaign_Student Activity
- Account_Account
- Department_Account
- Report_Account

4.2. has subject area

4.2.1. References

- A-D-AS_Student Activity
- A-D-AS_Department
- A-D-AS_Account
- A-T-C_Account
- A-T-C_Task
- A-T-C_campaign
- A-T-D_Account
- A-T-D_Department
- A-T-D_Task
- skill_Account
- campaign_Student Activity
- Account_Account
- Department_Account
- Report_Account

4.3. evaluate subject area

4.3.1. References

- A-D-AS_Student Activity
- A-D-AS_Department
- A-D-AS_Account
- A-T-C_Account
- A-T-C_Task
- A-T-C_campaign
- A-T-D_Account
- A-T-D_Department
- A-T-D_Task
- skill_Account
- campaign_Student Activity
- Account_Account
- Department_Account
- Report_Account