Homework 4

Database Information

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Artistic Stylizer Platform

Database Server Info:
IP: 10.10.7.189:5432

psql -h 10.10.7.189 -p 5432 -U <username> aspdb

DBA:
Username: administrator
Password: Cg17
Description:
As the DBA, this user will have total control/power over the database, including having the ability to create tables, drop tables, and alter table structures. Provided access to all DDL and DML commands.

Users:
Username: wsadmin
Password: Cg17
Description:
As the wsadmin, this user will have SELECT, INSERT, UPDATE, and DELETE permissions on all tables.

Username: wsuser
Password: Cg17
Description:
As the wsuser, this user will have SELECT, INSERT, UPDATE, and DELETE permissions on all tables *except* they will only have SELECT permissions on the usage, stat_types, and admins table, and may not DELETE from the asp_users and paid_users table
Justification:
A regular user should not be able to delete their account; instead, we just deactivate their account. A regular user should also not be able to modify the tables listed above, because they have no reason to modify those tables.

Username: wsnonuser
Password: Cg17
Description:
As the wsnonuser, this user will only have SELECT permissions on all the tables *except* for the usage, stat_types, and filters table.
Justification:
We only allow nonusers to view the tables, except for the tables listed above ,because they have no reason to view those tables.

Other Notes:
Please see updated ERD for reference (GitHub and reprinted)

Usage

PK,FK	user_ID	INT
PK	timestamp	TIMESTAMP
FK	stat_id	INT

Stat_Types

PK	stat_id	INT
	stat_name	VARCHAR(50)

ASP_Users

PK	user_ID	INT
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	email	VARCHAR(255)
	password	VARCHAR(50)
	date_joined	DATE
	status	BOOLEAN

Paid_Users

PK,FK	user_ID	INT

Admins

PK,FK	user_ID	INT

User_Photo

PK,FK	user_ID	INT
PK,FK	photo_ID	INT

Photos

PK	photo_ID	INT
FK	filter_ID	INT
	size	INT
	creation_date	TIMESTAMP
	path	VARCHAR(255)
	process_time	INT

Filters

PK	filter_ID	INT
	name	VARCHAR(50)

User_Video

PK,FK	user_ID	INT
PK,FK	video_ID	INT

Videos

PK	video_ID	INT
FK	filter_ID	INT
	size	INT
	creation_date	TIMESTAMP
	path	VARCHAR(255)
	process_time	INT