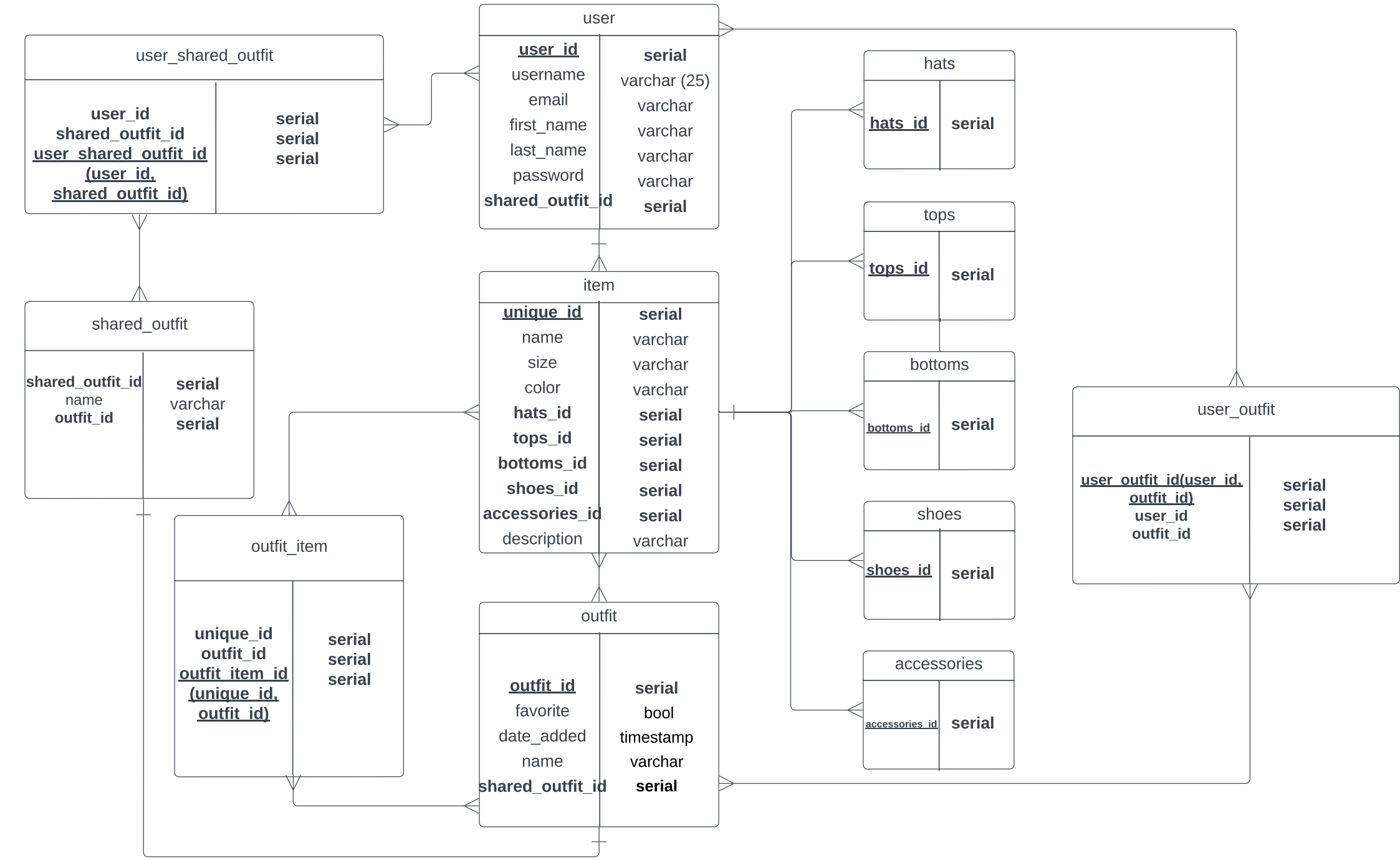


Operations/Functions <ul style="list-style-type: none">• Search for item (by name, color, size, or item category)• Flag outfit as "Favorite"• Search for outfit (by item, seeing all outfits that include the item or name)• "Date added" feature for outfit, where the system logs the date/time of the created outfit.• Create a random outfit (randomizing the selection of items to compose an outfit)



Schemas
<pre>CREATE TABLE user (user_id serial PRIMARY KEY, username varchar(25), email varchar(25), first_name varchar(25), last_name varchar(25), password varchar(25) shared_outfit_id FOREIGN KEY REFERENCES shared_outfit(shared_outfit_id)); CREATE TABLE item (unique_id serial PRIMARY KEY, name varchar(25), size varchar(3), color varchar(25), description varchar(25), hats_id FOREIGN KEY REFERENCES item(hats_id) tops_id FOREIGN KEY REFERENCES item(tops_id) bottoms_id FOREIGN KEY REFERENCES item(bottoms_id) shoes_id FOREIGN KEY REFERENCES item(shoes_id) accessories_id FOREIGN KEY REFERENCES item(accessories_id)); CREATE TABLE hats (hats_id serial PRIMARY KEY); CREATE TABLE tops (top_id serial PRIMARY KEY); CREATE TABLE bottoms (bottoms_id serial PRIMARY KEY); CREATE TABLE shoes (shoes_id serial PRIMARY KEY); CREATE TABLE accesories (accesories_id serial PRIMARY KEY); CREATE TABLE outfit (outfit_id serial PRIMARY KEY, favorite BOOLEAN, date_added timestamp, name varchar(25), shared_outfit_id FOREIGN KEY REFERENCE shared_outfit(shared_outfit_id)); CREATE TABLE outfit_item (outfit_item_id(outfit_id,item_id) PRIMARY KEY, outfit_id FOREIGN KEY REFERENCES outfit(outfit_id), item_id FOREIGN KEY REFERENCES Item(item_id)); CREATE TABLE user_outfit (user_outfit_ID(user_id, outfit_id) PRIMARY KEY, user_id FOREIGN KEY REFERENCES user(user_id), outfit_id FOREIGN KEY REFERENCES outfit(outfit_id)); CREATE TABLE user_shared_outfit (user_shared_outfit_ID(user_id, shared_outfit_id) PRIMARY KEY, user_id FOREIGN KEY REFERENCES user(user_id), shared_outfit_id FOREIGN KEY REFERENCES outfit(outfit_id)); CREATE TABLE shared_outfit(shared_outfit_id serial PRIMARY KEY, name varchar outfit_id FOREIGN KEY REFERENCES outfit(outfit_id));</pre>