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-- FUNCTION: public.login_user(character varying, character varying)
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-- DROP FUNCTION public.login_user(character varying, character varying);
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CREATE OR REPLACE FUNCTION public.login_user(  
    in_username character varying,  
    in_password character varying)  
    RETURNS integer  
    LANGUAGE 'plpgsql'  
  
    COST 100  
    VOLATILE SECURITY DEFINER  
AS $BODY$  
Declare checkid integer;  
Declare sessionid integer;  
BEGIN  
    IF EXISTS(select * from public.account where username = in_username and password = in_password) THEN  
        select id into checkid from public.account where username = in_username;  
    IF checkid > 0 THEN  
        IF EXISTS (select * from public.sessionmanage where account_id = checkid) THEN  
            select id into sessionid from public.sessionmanage where account_id = checkid;  
            IF EXISTS (select * from public.sessionmanage where id = sessionid and state = 'Active') THEN  
                raise exception 'Already Login By Other Device';  
            ELSE  
                update public.sessionmanage set state = 'Active' where id = sessionid;  
                RETURN(SELECT sessionid);  
            END IF;  
        ELSE  
            insert into public.sessionmanage (account_id, state) values (checkid, 'Active');  
            RETURN(SELECT curval('session_id_seq'));  
        END IF;  
    ELSE  
        raise exception 'Invalid Authentication';  
    END IF;  
    raise notice 'id number = %',checkid;  
    ELSE  
        raise exception 'Invalid Authentication';  
    END IF;  
END;  
$BODY$;  
  
ALTER FUNCTION public.login_user(character varying, character varying)  
    OWNER TO postgres;
```