```php
<?php
class Login {

    public static $_login_page_front = "/?page=login";
    public static $_dashboard_front = "/?page=orders";
    public static $_login_front = "cid";

    public static $_login_page_admin = "/admin/";
    public static $_dashboard_admin = "/admin/?page=products";
    public static $_login_admin = "aid";

    public static $_valid_login = "valid";

    public static $_referrer = "refer";



    public static function isLogged($case = null) {
        if (!empty($case)) {
            if (
                isset($_SESSION[self::$_valid_login]) &&
                $_SESSION[self::$_valid_login] == 1
            ) {
                return isset($_SESSION[$case]) ? true : false;
            }
            return false;
        }
        return false;
    }



    public static function loginFront($id = null, $url = null) {
        if (!empty($id)) {
            $url = !empty($url) ? $url : self::$_dashboard_front;
            $_SESSION[self::$_login_front] = $id;
            $_SESSION[self::$_valid_login] = 1;
            Helper::redirect($url);
        }
    }



    public static function loginAdmin($id = null, $url = null) {
        if (!empty($id)) {
            $url = !empty($url) ? $url : self::$_dashboard_admin;
            $_SESSION[self::$_login_admin] = $id;
            $_SESSION[self::$_valid_login] = 1;
            Helper::redirect($url);
        }
    }



    public static function restrictFront() {
        if (!self::isLogged(self::$_login_front)) {
            $url = Url::cPage() != "logout" ?
```

```php
                    self::$_login_page_front."&".self::$_referrer."=".Url::cPage() :
                    self::$_login_page_front;
            Helper::redirect($url);
        }
    }



    public static function restrictAdmin() {
        if (!self::isLogged(self::$_login_admin)) {
            Helper::redirect(self::$_login_page_admin);
        }
    }



    public static function string2hash($string = null) {
        if (!empty($string)) {
            return hash('sha512', $string);
        }
    }



    public static function getFullNameFront($id = null) {
        if (!empty($id)) {
            $objUser = new User();
            $user = $objUser->getUser($id);
            if (!empty($user)) {
                return $user['first_name']." ".$user['last_name'];
            }
        }
    }



    public static function logout($case = null) {
        if (!empty($case)) {
            $_SESSION[$case] = null;
            $_SESSION[self::$_valid_login] = null;
            unset($_SESSION[$case]);
            unset($_SESSION[self::$_valid_login]);
        } else {
            session_destroy();
        }
    }
}
```