<?php  
//connect to the database  
$db\_hostname = 'localhost';  
$db\_database = 'p2ptrading';  
$db\_username = 'username';  
$db\_password = 'password';  
  
$mysqli = new mysqli($db\_hostname, $db\_username, $db\_password, $db\_database);  
  
if ($mysqli->connect\_error) {  
    die('Connect Error (' . $mysqli->connect\_errno . ') '  
            . $mysqli->connect\_error);  
}  
  
//start session  
session\_start();  
  
//user login  
function login($email, $password){  
    global $mysqli;  
    $query = "SELECT \* FROM users WHERE email='$email' AND password='$password'";  
    $result = $mysqli->query($query);  
  
    if ($result->num\_rows == 1){  
        $row = $result->fetch\_assoc();  
        $\_SESSION['user\_id'] = $row['id'];  
        $\_SESSION['user\_email'] = $row['email'];  
        return true;  
    } else {  
        return false;  
    }  
}  
  
//user registration  
function register($email, $password, $name){  
    global $mysqli;  
    $query = "INSERT INTO users (email, password, name) VALUES ('$email', '$password', '$name')";  
    $result = $mysqli->query($query);  
  
    if ($result){  
        return true;  
    } else {  
        return false;  
    }  
}  
  
//get user details  
function get\_user($user\_id){  
    global $mysqli;  
    $query = "SELECT \* FROM users WHERE id='$user\_id'";  
    $result = $mysqli->query($query);  
  
    if ($result->num\_rows == 1){  
        $row = $result->fetch\_assoc();  
        return $row;  
    } else {  
        return false;  
    }  
}  
  
//get all listings  
function get\_listings(){  
    global $mysqli;  
    $query = "SELECT \* FROM listings";  
    $result = $mysqli->query($query);  
  
    $listings = array();  
    while ($row = $result->fetch\_assoc()){  
        $listings[] = $row;  
    }  
    return $listings;  
}  
  
//add new listing  
function add\_listing($user\_id, $title, $description, $price){  
    global $mysqli;  
    $query = "INSERT INTO listings (user\_id, title, description, price) VALUES ('$user\_id', '$title', '$description', '$price')";  
    $result = $mysqli->query($query);  
  
    if ($result){  
        return true;  
    } else {  
        return false;  
    }  
}  
  
//get a listing by id  
function get\_listing($listing\_id){  
    global $mysqli;  
    $query = "SELECT \* FROM listings WHERE id='$listing\_id'";  
    $result = $mysqli->query($query);  
  
    if ($result->num\_rows == 1){  
        $row = $result->fetch\_assoc();  
        return $row;  
    } else {  
        return false;  
    }  
}  
  
//make a purchase  
function purchase($user\_id, $listing\_id){  
    global $mysqli;  
    $query = "INSERT INTO purchases (user\_id, listing\_id) VALUES ('$user\_id', '$listing\_id')";  
    $result = $mysqli->query($query);  
  
    if ($result){  
        return true;  
    } else {  
        return false;  
    }  
}  
  
//get purchases by user id  
function get\_purchases($user\_id){  
    global