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//-- *****
//-- Project:      HND Data Project
//-- Module:       Authenticate
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//-- *****

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Data;
using RentalWPF.Models;
using RentalWPF.Data;

namespace RentalWPF.Utility
{
    public class Authenticate
    {
        /// <summary>
        /// Authentication method
        /// </summary>
        /// <param name="myUser"></param>
        /// <returns></returns>
        public static bool AuthenticateUser(User myUser)
        {
            bool validated = false;

            //-- define path of user database
            //string driveLetter = ConfigurationManager.AppSettings("driveLetter");
            //-- Home string userDatabase = @"H:\users.txt";
            string userDatabase = @"I:\users.txt";
            //string userDatabase = @"E:\users.txt";
            //string userDatabase = @"F:\users.txt";
            //-- Define DataTable
            DataTable userData = new DataTable();

            //-- Create data table
            userData = ImportData.GetTextFileData(userDatabase);

            //-- validate credentials
            //-- Loop through the DataTable
            foreach (DataRow row in userData.Rows)
            {
                var currentUser = new User
                {
                    Username = row.Field<string>(0),
                    Password = row.Field<string>(1)
                };

                if (currentUser.Username == myUser.Username)
                {
                    if (currentUser.Password == myUser.Password)
                    {
                        validated = true;
                        break;
                    }
                }
            }

            return validated;
        }
    }
}

```