using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace TaskManager.Domain

{

public interface IUserProfileRepository

{

IQueryable<UserProfile> All { get; }

UserProfile CurrentUser { get; }

void InsertOrUpdate(UserProfile user);

void Remove(UserProfile user);

void Save();

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.ComponentModel.DataAnnotations.Schema;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace TaskManager.Domain

{

[Table("UserProfile")]

public class UserProfile

{

public int Id { get; set; }

public string UserName { get; set; }

public ICollection<Task> Tasks { get; set; }

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace TaskManager.Domain

{

public class Task

{

public int Id { get; set; }

public string Name { get; set; }

public bool IsCompleted { get; set; }

public UserProfile Owner { get; set; }

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace TaskManager.Domain

{

public interface IDALContext

{

IUserProfileRepository Users { get; }

ITaskRepository Tasks { get; }

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace TaskManager.Domain

{

public interface ITaskRepository

{

IQueryable<Task> All { get; }

void InsertOrUpdate(Task task);

void Remove(Task task);

void Save();

}

}