Creation Controller

- User Id
- User Name
- User Password
- Job Role
- IsActive

- Register()

Authentication Controller

- User Id
- User Password

- LogIn()

Dashboard Controller

- AddProject()
- AddWork()
- LogOut()

Report Controller

Generates Report for User View

- Delete()

Service Register()

- User Id
- User Name
- User Password
- Job Role
- IsActive

Service Login()

- User Id
- User Password

Service AddProject()

- Project Id
- Project Name
- Hours Allocated

Service AddWork()

- Project Name
- Work Description
- Date
- Day
- Hours Worked

Service Register()

- Project Name
- Work Description
- Date
- Day
- Hours Worked
- Hours Allocated

<<Entity Bean>> Register

- User Id
- User Name
- User Password
- Job Role
- IsActive

<<Entity Bean>> Dashboard

- Project Id
- Project Name
- Work Description
- Date
- Day
- Hours Allocates
- Hours Worked

<<Entity Bean>> Report

- Project Id
- Project Name
- Work Description
- Date
- Day
- Hours Worked
- Hours Allocated

Home Page	Log in	Register	User Dashboard	Data Base

User tries to Log in

If User id and Password Matches

If User id & Password doesn't matches

If User id and Password are good enough to register and stored in Database

User tries to Register

After User registration it directs to the dashboard

User Start to Add a new project and stores in database

User Start to Add a existing project's Details and stores in database

If user needs to view their data, the data is fetched from database

User hits the Log out Button

Entity Diagram

UserTable

Properties
- 🔑 **UserId**
- 🔧 UserName
- 🔧 PassWord
- 🔧 JobRole
- 🔧 IsActive

Navigation Properties
- ProjectTables

One to Many →

ProjectTable

Properties
- 🔑 ProjectId
- 🔧 ProjectName
- 🔧 ProjectDesc
- 🔧 HoursAllocated
- 🔧 IsActive
- 🔧 **UserId**

Navigation Properties
- **UserTable**
- TraceTables

One to Many →

TraceTable

Properties
- 🔑 TracerId
- 🔧 ProjectId
- 🔧 ProjectName
- 🔧 Date
- 🔧 Day
- 🔧 HoursWorked
- 🔧 UserId

Navigation Properties
- ProjectTable