1.API DOCUMENT

1.1. HOME:

This API is to show the Home Page.

End Point: https://localhost/{port}/home

1.2. REGISTER:

This API enables the user to Registration Page.

End Point: https://localhost/{port}/register

HTTP: POST

Request Body: A Section of the API that helps the user to fill in the value of the parameters

Input:

UserId : string,

UserName : string,

JobRole : string,

PassWord : string,

ConfirmPassWord : string

Input Type: Application/JSON

JSON Format,

{

"UserId" : "1021",

"UserName" : "Mahesh",

"JobRole" : "Test Engineer",

"PassWord" : "Ma8789",

"ConfirmPassWord" : "Ma8789"

} Output Type: Application/JSON

Output:

Registration was Successful.

Output Type: Application/JSON

JSON Format,

```
{
        "UserId"  :  "1021",
        "UserName"  :  "Mahesh",
        "JobRole"  :  "Test Engineer",
        "PassWord"  :  "Ma8789",
        "ConfirmPassWord"  :  "Ma8789"
}
```

1.3. LOGIN:

This API enables the user to Login Page.

End Point: https://localhost/{port}/login

HTTP: GET

Request Body: A Section of the API that helps the user to fill in the value of the parameters

Input:

        UserId : string,

        PassWord : string

Input Type: Application/JSON

JSON Format

```
{
        "UserId"  :  "1021",
        "PassWord"  :  "Ma8789"
}
```

Output:

        Welcome Page (Dashboard)

Output Type: Application/JSON

JSON Format,

```
{
```

"UserId" : "1021",

"PassWord" : "Ma8789"

}

1.4.   Dashboard:
1.4.1.   ADD PROJECT:

This API enables the user to Add a new Project in the Project Database.

End Point: https://localhost/{port}/addproject

HTTP: POST

Request Body: A Section of the API that helps the user to create a new project

Input:

ProjectId : string,

ProjectName : string,

ProjectDesc : string,

HoursAllocated : int,

IsActive : int,

UserId : string

Input Type: Application/JSON

JSON Format,

{

"ProjectId" : "P174",

"ProjectName" : "Project_1",

"ProjectDesc" : "Demo Project",

"HoursAllocated" : 28,

"IsActive" : 1,

"UserId" : "1021"

}

Output:

Project Added.

Output Type: Application/JSON

JSON Format,

```
{
        "ProjectId" : "P174",

        "ProjectName" : "Project_1",

        "ProjectDesc" : "Demo Project",

        "HoursAllocated" : 28,

        "IsActive" : 1,

        "UserId" : "1021"
}
```

1.4.2.   ADD WORKDONE:

This API enables the user to Add a new Project in the Project Database.

End Point: https://localhost/{port}/addwork

HTTP: POST

Request Body: A Section of the API that helps the user to create a new project

Input:

        TracerId : string,

        ProjectId : string,

        ProjectName : string,

        Date : string,

        Day : string,

        HoursWorked : int,

        UserId : string

Input Type: Application/JSON

JSON Format,

```
{
        "TracerId" : "T2043",

        "ProjectId" : "P174",

        "ProjectName" : "Project_1",
```

"Date" : "03-02-2024" ,

"Day" : "Monday",

"HoursWorked" : 6,

"UserId" : "1021"

}

Output:

Work done Added.

Output Type: Application/JSON

JSON Format,

{

"TracerId" : "T2043",

"ProjectId" : "P174",

"ProjectName" : "Project_1",

"Date" : "03-02-2024" ,

"Day" : "Monday",

"HoursWorked" : 6,

"UserId" : "1021"

}

1.4.3.　　VIEW:

This API enables the user to View the work done.

End Point: https://localhost/{port}/view

HTTP: GET

Request Body: A Section of the API that helps the user to View the work done

Input:

TimeIntervel : string

Input Type: Application/JSON

JSON Format,

```
{
        "TimeIntervel " : "Weekly"


}
```

Output:

Project Added.

Output Type: Application/JSON

JSON Format,

```
{
        "works": [
        {
                "TracerId" : "T2043",
                "ProjectId" : "P174",
                "ProjectName" : "Project_1",
                "Date" : "03-02-2024" ,
                "Day" : "Monday",
                "HoursWorked" : 6,
                "UserId" : "1021"
        },
        {
                "TracerId" : "T1743",
                "ProjectId" : "P574",
                "ProjectName" : "Project_5",
                "Date" : "06-02-2024",
                "Day" : "Thursday",
                "HoursWorked" : 5,
                "UserId" : "1021"
        },
        {
```

```
        "TracerId" : "T1243",

        "ProjectId" : "P174",

        "ProjectName" : "Project_1",

        "Date" : "07-02-2003" ,

        "Day" : "Friday",

        "HoursWorked" : 8,

        "UserId" : "1021"

    },

    ]

}
```

1.4.4.   EDIT:

This API enables the user to EDIT the work done.

End Point: https://localhost/{port}/view/edit

HTTP: PUT

Request Body: A Section of the API that helps the user to to Edit the work done

Input:

TracerId : string,

ProjectId : string,

ProjectName : string,

Date : string,

Day : string,

HoursWorked : int,

UserId : string

Input Type: Application/JSON

JSON Format,

{

        "TracerId" : "T2043",

        "ProjectId" : "P174",

        "ProjectName" : "Project_1",

"Date" : "03-02-2024",

"Day" : "Monday",

"HoursWorked" : 3,

"UserId" : "1021"

}

Output:

Changes saved.

Output Type: Application/JSON

JSON Formate,

{

"TracerId" : "T2043",

"ProjectId" : "P174",

"ProjectName" : "Project_1",

"Date" : "03-02-2024",

"Day" : "Monday",

"HoursWorked" : 3,

"UserId" : "1021"

}