**workshop Db Diagram**

**Tables:**

* UserTable
* WorkshopTable
* RegisterTable

**Screens (front end) - (angular):**

* User sign up
* User sign in
* User registered workshops
* Available workshops
* Workshop detail

**Screens (backend) – (Razor Pages):**

* Users (create – edit – delete)
* Workshops (create – edit - delete)
* Registrations (create - delete)

**Technology:**

Angular + dotnet RazorPages + Api + VC + SqlServer + services + test + hash password

**Tables :**

|  |  |  |
| --- | --- | --- |
| WorkshopTable | | |
| WID | Int | PK |
| Name | String | Required |
| Address | String |  |
| StartDate | Date | Required |
| EndDate | Date | Required |
| StartTime | Time |  |
| EndTime | Time |  |
| Description | String |  |
| Lecturer | String |  |

|  |  |  |
| --- | --- | --- |
| UserTable | | |
| UID | Int | PK |
| Name | String | Required |
| Email | String |  |
| Tel | String |  |
| Password | String – Hash | Required |
| Priority | Bool |  |

|  |  |  |
| --- | --- | --- |
| RegisterTable | | |
| RegID | Int | PK |
| User | Int | Required |
| Workshop | Int | Required |
| regDate | String |  |
| regTime | String |  |

**API Call Diagram**

Sign Page:

* User Post call => sign up form
* User Post call => sign in form (user name & email & pass.)
* Workshop Get call => all workshops

Workshop Details Page:

* Workshop Get call => workshop detail – (Workshop id)
* Enrollment Post call => Enroll - (user id – workshop id)

User Page:

* User Post call => user details
* User Put call => update user details
* Enrollment Post call => user enrolled workshops (user id)
* Enrollment Post call => Enroll
* Enrollment Delete call => (register id)