**Project Configurations and Environment**

**Required Tools and Package**

1. Visual studio 2017
2. Vs code
3. .Net core 2.2
4. Entity Framework Core 2.2.2
5. Angular 7

**Configurations api Project**

1. **Connection String Setup:** modify the api project appsettings.json file S3InnovationDB property and set your sql connection string.
2. **Create Database:** open the package manager console and select the Repositorys project in default project drop down then you run the below command

PM>Add-Migration init -Context S3InnovationDbContext

PM>Update-Database -Context S3InnovationDbContext

If you Run the api project first time, then some data like trade,level, language data insert into data base

1. **Set Angular Application url**: please set your angular application url in Startup.cs for cross policy. like

services.AddCors(options =>

{

options.AddPolicy("AllowSpecificOrigin",

b => b.WithOrigins(“your angular root url”).WithMethods("POST", "GET","PUT").AllowAnyHeader());

});

**Project over view**

Enity

Services

S3InnovationAPI

Repositorys

Client Angular app

**Entity:** all database model and view model write here

**Service:** all business logic and operation writes here

**Repositories:** all database related operation writes here

**Configurations Angular App Project:**

1. **Api Url config:** S3InnovationAngularApp angular project open into vs code and folder src=>app=>shared=> utils=> config.service.ts file open and modify this.\_apiURI variable from your api. Example:

this.\_apiURI = 'https://localhost:5001/api'; or

this.\_apiURI = 'https://localhost:port/api'

1. Node modules install: vs code menu click view=>Terminal and run the npm install command
2. Run Angular Application