**Project Architecture contain following part**

1. UI
2. API

**Tool Require for this project**

* Visual Studio 2019
* Angular Cli
* Node Js
* Visual Studio
* Sql Server
* AWS Cli

**UI** :- We have used angular technology for building UI

**API** :- We have used dotnet technology for building API

**Point 1 : Script :- below database script need to run before start project**



**Point 2 : In this solution contain following set of project**

1. QuestaAdminApi
2. QuestaAdminModule
3. QuestionWizardApi
4. EnneagramApplication

**Point 3 : Following steps need to take before redeploy or execute application**

1. Run Point 1 script
2. Run Point 2.a QuestaAdminApi
3. Run Point 2.b QuestaAdminModule
4. Once run point 2.a and 2.b then page will open via through assessment link will generate.
5. Following steps for starting assessment
6. Run Point 2.c QuestionWizardApi
7. Run Point 2.d EnneagramApplication
8. Once run point 2.c and 2.d then candidate fill form will open need to fill data and then start assessment.

**I had hosted application on AWS**

* Database hosted on RDS
* QuestionWizardApi hosted on elastic beanstalk
* EnneagramApplication hosted on S3 bucket
* QuestaAdminApi hosted on lambda function with api gateway
* QuestaAdminModule hosted on S3 bucket

Database diagram

