

Documentation Coding Test

Written By : Aditya Wahyu Baskoro

This Application was developed for coding test purpose which conducted by PT. Mastersystem Infotama. In this application has 3 main features :

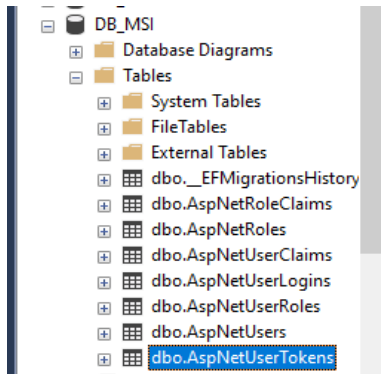
- Login
- Register New User
- Show First Name & Last Name after user success login

The technology stack that I used for developing this application are :

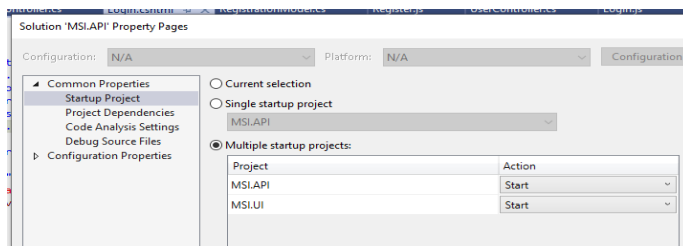
- IDE : Visual Studio 2019
- DBMS : MS SQL Server 2016
- Language & Framework : ASP.NET Core Web API & C# (Backend), JQuery, Bootstrap, HTML 5, & css (Front end)
- ASP.Net Identity Management
- JWT

At this section I will show per screen of application. But before that you should ensure that the DB already exist in your dbms (I will provide the script for generate db) or if you want you can create DB from Visual Studio using code first migration command like below.

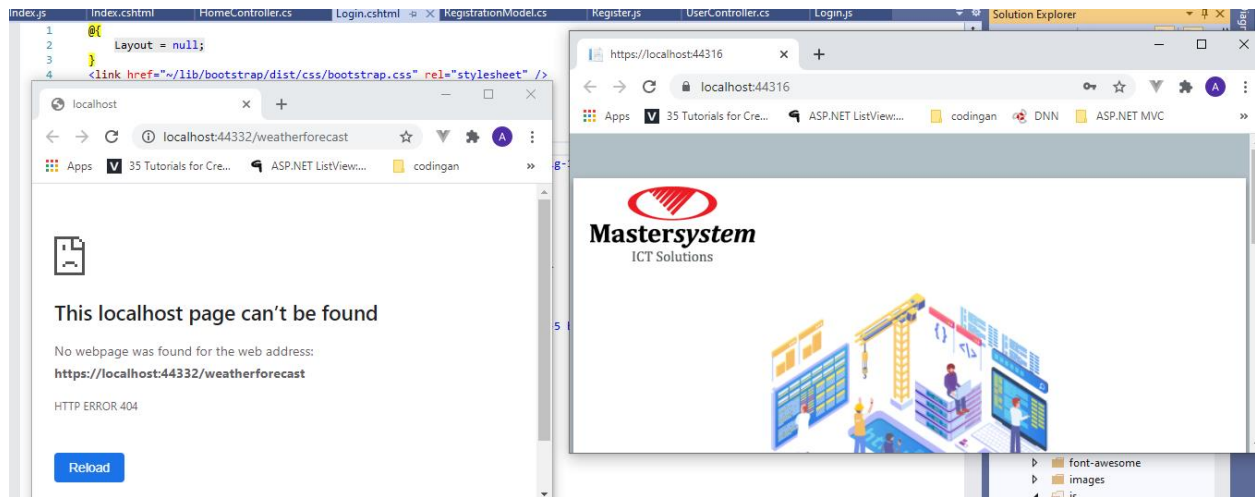
Open Nuget package manager console from VS 2019 then run command : Add-Migration Initial after that run update database. Make sure you have Db like below



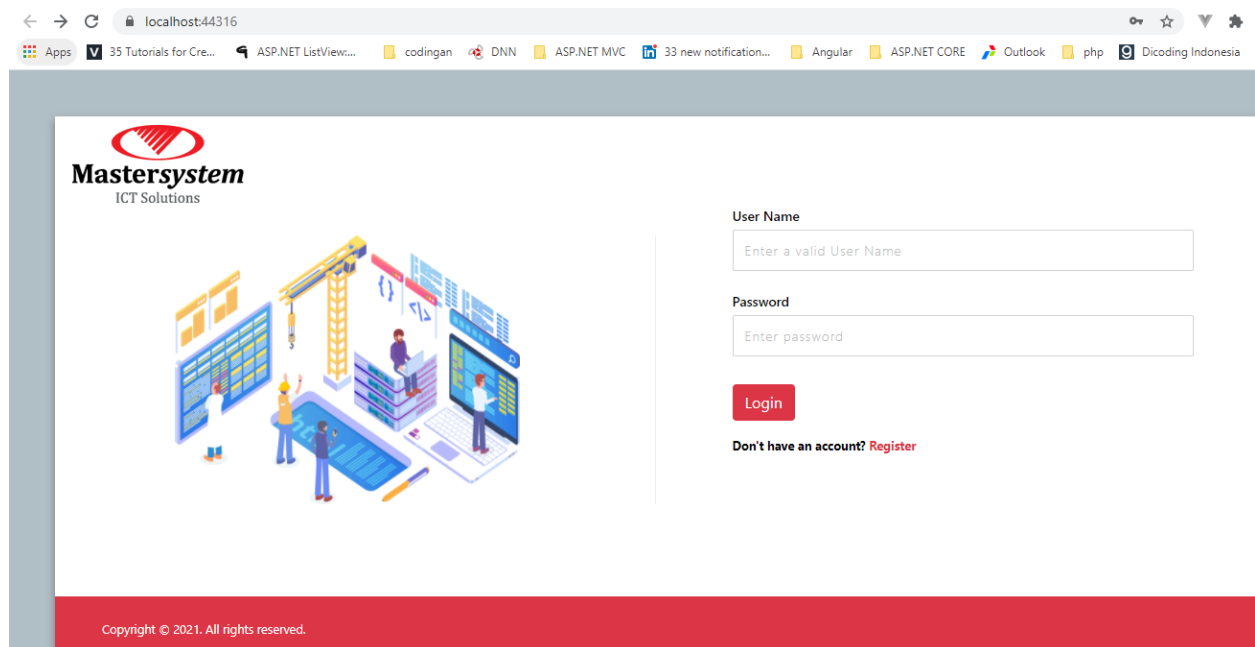
After the database installed in your pc, you can start run the application. I already setup in the solution to run pararel both of API and Front end



If you run this application from visual studio, make sure you see 2 instances (API & Frontend) running well like screen below. Don't worry about the text "This localhost page can't be found" because this only API which not have a UI.



I will focus in UI, for the first time you run you will see the login screen like below



If you not registered yet, you must register first by using click "Register" and then fill the data (for mandatory field must be filled)

localhost:44316/Account/Register

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Register

First Name * Delisha

Last Name * Almahira

Email * delisha.almahira@gmail.com

Password *

Phone Number * +62 8887166256

Gender ☐ Male ☒ Female

Date Of Birth 06/04/2016

Register

If user successfully registered you will get notification like below

Register - MSILUI

localhost:44316/Account/Register

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Register

First Name * Delisha

Last Name * Almahira

Email * delisha


Password *

Phone Number * +62

Gender ☐ Male ☒ Female

Date Of Birth 06/04/

Register



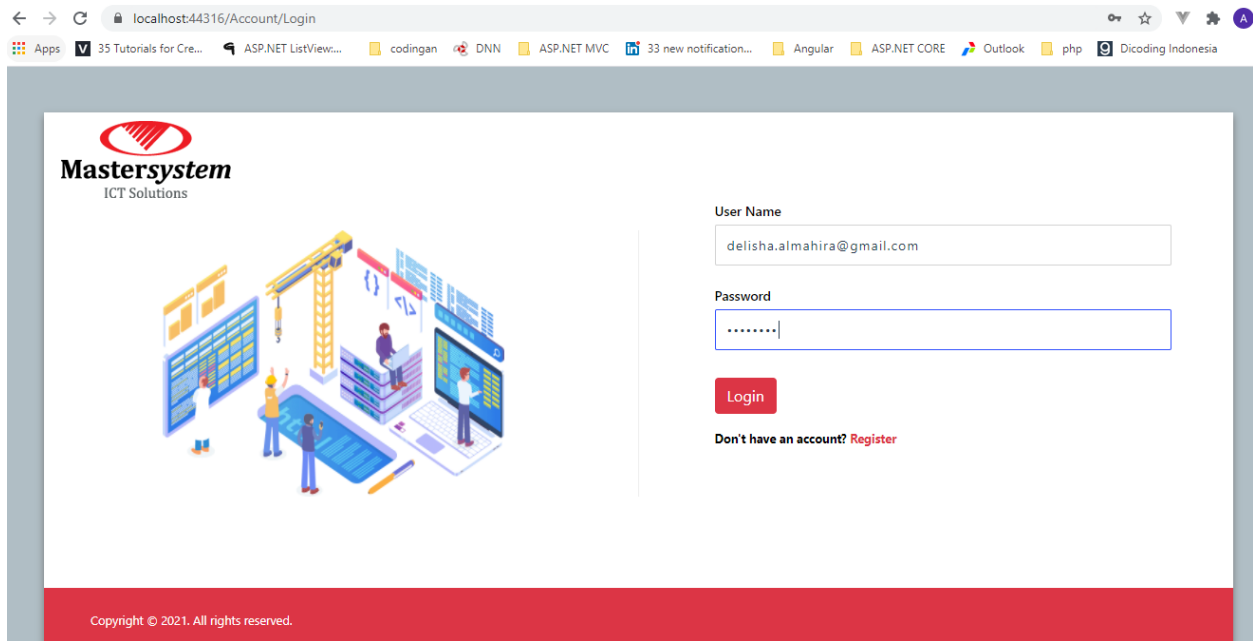
Success
User Successfully Registered

Ok!

Type here to search

9:47 PM 2/20/2021

And after click ok you will redirect to Login page. So now you can login to the application with user name & password that you registered before. For username you can use email.



Fill your user name (email) & password then click login, if success you will redirect to the home page



Hello Delisha Almahira

You can grab the code of this application in my github :

<https://github.com/adityawa/CodingTestMSI/tree/master>

If you got a problem feel free contact me at WA : 087885678857 or email to : adityawa@outlook.com

Thank You