Fewa Telemedicine Technical document

Version 1.0

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## Introduction

By Shiv

## Domain explanation

## Overall Architecture

By Shiv

## Code repository

By Shiv

## Building and running the project

As discussed the overall architecture session of project has been given software requires as follow.

1. Visual studio 2019 community edition.
2. Vs code.
3. Postgre sql.

**Prerequisites**

You need VS Code(for Client), visual studio(for API), Postgre sql server(for Database), Angular 7

Download VS Code from [here](https://code.visualstudio.com/download)

Download Visual Studio from [here](https://visualstudio.microsoft.com/downloads/)

Download Postgre SQL server from [here](https://www.postgresql.org/download/)

Download Angular 7 from [here](https://cli.angular.io/)

**Running the application**

**Clone or download repository**

git clone https://github.com/opensource-emr/Telemedicine

**NPM Installation for Angular Project**

To Install and Run angular project go through below steps:

Step 1: Go to **Telemedicine-master\FewaTelemedicine\ClientApp** path and copy.

Step 2: Open Your Node.js Command Prompt paste the copied path and execute

**npm install** command.

Step 3: Once the **npm install** done successfully than execute **ng build --watch** command. So, some of you wondering that what is **ng build and --watch**. Here it is **ng build** ( It build you angular code) and **--watch** ( It runs in background so that whenever you change the code and save it. It gets build automatically.)

**Note :**

you can also open Angular Project in visual studio code from there you will do **npm install** and **ng build --watch**.

**Database Creation**

**Create Database with below steps**

1. Go to Start and serch pgAdmin and open
2. Create one Data Base **Telemedicine.**

**FewaTelemedicine Basic Changes, Build and Run Project**

Step 1: Go to **Telemedicine-master\ FewaTelemedicine.sln** path and double click on solution file to open project in Visual Studio 2019.

Step 2: Open Solution Explorer and find **appsetting.json** file into FewaTelmedicine Web Application and change the **connectionstring** properties as per database and server name.

Step 3:Copy the script from ClientApp->index.html and past it from Views->Home->Index.cshtml

Step 4: open Tools->NugetPackageManger->Package Manger Console -> After opening the package manger console run this command **add\_migration m** The build is successful complete after run thisCommand **update-database .**

Step 3: Once changes done then save the file.

Step 4: Now build **Telemedicine** web Application and run it.

## DB Design understanding.

Practice

|  |  |
| --- | --- |
| PracticeId | This is a unique identifier in DB for values. |
| Name | The name of the practice. This can be the hospital name , doctor name , clinic name or any entity/organization which provides service. |
| Address | The address where the practice resides. |
|  |  |
|  |  |

Provider

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Patient

## Understanding folder structure

|  |  |  |
| --- | --- | --- |
|  | Folder name | Explanation |
| Server-side folders | Controllers | This has all the controller code of the project |
|  | Services | This is has all code for sending email and SMS. |
|  |  |  |
|  |  |  |
|  |  |  |

## Parameter table

## Video embed

Tokbox….