CS 651-Final Project -Installation Instruction

# Deliverables

* Website (Run on node JS server via gulp) – No need of VS
* WCF Service -Web service to act as RESTFUL API - Need to be hosted on IIS
* Database (Tables for Users, Meals and Activity)
* Web application service **–** To send users daily email at a specific time(Could not test this due to issues with id)

# Steps to Run

* NOTE WCF Service need to be hosted on IIS else website would not function properly due to cross Origin policy. Service has its own web config file and global.asax files which should be used else there would be errors. Do not save on desktop or downloads as there can be permissions issue.

APPLICATION

# Install gulp, jspm globally

npm install gulp jspm tsd -g

# cd into the project root and install node dependencies

npm install

# then install jspm dependencies

jspm install

# then install type definitions

tsd reinstall or tsd install whichever works

#Running first time (To generate System.Js files and dist files)

gulp build

# Run actual app

gulp dev-proxy

Open a browser window at http://localhost:8080/#/

Restore DB in SQLMANAGEMENT studio

* Click on Restore Databases(Right Click Databases)
* Select Device
* Select Path
* Choose HealthyHumans.bak file in Database folder in submission.
* Click Ok
* DB restored.

**If you face a problem right Click security and select db\_owner for database!!!!!IMPORTANT**

Host WCF service on IIS

* Open WCFService folder in Visual Studio as Website.
* Build Solution
* Open inetMGR (Windows Run)
* Add Application (Provide alias and physical path)
* Test Connection
* Name of service (better option to keep same):  http://localhost/finalservice/Service.svc/
* **You would have to update Connection String**

Web Application Service to send mail daily at a specific time

* Need to build and install in dev command prompt(Run as admin)
* Install Util /i E:\CS651-Final-Proj\WindowsServiceToSendMails\WindowsServiceToSendMails\bin\Debug\WindowsServiceToSendMails.exe
* **Since I could not test this it is ok if you do not run this as there can be issues. I was getting “No mapping to id” exception but I could run it on my friend’s laptop**

GITHUB REPO

https://github.com/nehaabrol87/CS651-Final-Proj