

*****GIT*****

1) Download & Install GIT

2) Command to run inside "client" folder

- git remote add origin <https://github.com/R-Patil/SMSGGroupTestApp.git>
- git checkout client (switch to "client" branch)
- git add . (add the changes)
- git commit -m "<Messages>" (Commit the changes by providing description)
- git push (Push changes to "client" branch)

*****Branch URL - <https://github.com/R-Patil/SMSGGroupTestApp/tree/client> *****

3) Command to run inside "server" folder

- git remote add origin <https://github.com/R-Patil/SMSGGroupTestApp.git>
- git checkout server (switch to "server" branch)
- git add . (add the changes)
- git commit -m "<Messages>" (Commit the changes by providing description)
- git push (Push changes to "server" branch)

*****Branch URL - <https://github.com/R-Patil/SMSGGroupTestApp/tree/server> *****

4) Deploy the web application on github using "gh-pages"

- Run the command inside "client" folder : ng build --prod --base-href <https://R-Patil.github.io/SMSGGroupTestApp/>

- Push created build to dedicated "gh-pages" branch : ngh --dir dist/client -no-silent

*****Branch URL - <https://github.com/R-Patil/SMSGGroupTestApp/tree/gh-pages> *****

*****MongoDB*****

Kindly follow the below steps to setup database environment :-

1) Download & Install MongoDB (Version 3+).

2) Set up MongoDB bin path to Environment variable (C:\Program Files\MongoDB\Server\3.4\bin)

- From the desktop, right-click the very bottom-left corner of the screen to get the Power User Task Menu.
- From the Power User Task Menu, click System.
- In the Settings window, scroll down to the Related settings section and click the System info link.
- In the System window, click the Advanced system settings link in the left navigation pane.
- In the System Properties window, click the Advanced tab, then click the Environment Variables button near the bottom of that tab.
- In the Environment Variables window (pictured below), highlight the Path variable in the System variables section and click the Edit button. Add or modify the path lines with the paths you want the computer to access. Each different directory is separated with a semicolon, as shown below.
- C:\Program Files;C:\Winnt;C:\Winnt\System32;C:\Program Files\MongoDB\Server\3.4\bin;

3) Create database "sgtest-db".

4) Create collection "city_info" under "sgtest-db" database.

5) Import data to "city_info" collection from "data.json".

*****NodeJS*****

Kindly follow the below steps to setup Node(server) environment :-

1) Download & Install Node (Version : v10.0.0+)

Version Used : v10.15.3

Command to Check : node -v

2) Download the Source code attached in the sent mail & just run "npm i" or "npm install" command inside client folder.

3) Use "npm start" (or) "node server.js" command to start node server.

*****Angular*****

Kindly follow the below steps to setup angular(client) environment :-

1) Download & Install Node (Version : v10.0.0+)

Version Used : v10.15.3

Command to Check : node -v

2) Install Angular CLI (Version : v8+)

Command to Install : npm install -g @angular/cli --save

Command to Check : ng --version

Version Used : v9.0.1

3) Create the Project "client"

Command : ng new client --prefix "sg"

4) Adding required dependencies :

a) npm install -g @angular/cli --save

b) npm install bootstrap font-awesome jquery popper.js --save

c) npm install rxjs rxjs-compat --save

d) npm install @ng-bootstrap/ng-bootstrap --save

e) npm install primeng --save

f) npm install primeicons --save

g) npm install @angular/cdk --save

h) npm install -g angular-cli-ghpages

5) If Source code is available then skip step (3) & (4) & just run "npm i" or "npm install" command inside client folder.

6) Following are the commands to run & build project :

Command 1 (Run) - ng serve

Description - After successful compilation & web application will run on localhost's 4200 port

URL - http://localhost:4200 (OR) http://127.0.0.1:4200

Command 2 (Run) - ng serve --host 192.168.12.55 --port 2525

Description - After successful compilation & web application will run on supplied IP Machine's 2525 port

URL - http://localhost:4200 (OR) http://192.168.12.55:2525

Command 3 (Build) - ng build --prod

Description - After successful build & bundled js files will be stored inside "dist" folder under "client" directory

URL - http://localhost:4200 (OR) http://127.0.0.1:4200

*****Thank You - SMS Group*****

*****By Rahul More On 26-Oct-2020, Monday*****
