

### **Fronted :**

Frontend is developed using Vue 2.

Steps to Deploy :

1. Npm install
2. Npm run build
3. Npm run serve (To view locally)
4. Dist folder will be created in root directory that can be deployed on any server.

Fronted is deployed on <http://dellemcfrontend.azurewebsites.net/> its deployed on Azure.

### **Backend**

Backend is developed using ASP.NET CORE 2

Steps to Deploy :

1. Open given solution.
2. Restore nuget packages.
3. Build the solution.
4. Deploy.

Backend is deployed on <http://dellemc.azurewebsites.net> again its deployed on azure.

Backend is exposing below endpoints

1. `api/Hotel(Returning all hotels)`
2. `api/Hotel/{name}(Returning matching hotel)`

### **Database**

Database is SQL Server

Tables

1. Hotel

110 %

select \* from Hotel

Results Messages

	Name	City	Cuisine_Style	Ranking	Rating	Number_of_Reviews
1	Martine of Martine's Table	Amsterdam	['French', 'Dutch', 'European']	1	5	136
2	De Silveren Spiegel	Amsterdam	['Dutch', 'European', 'Vegetarian Friendly', 'Glu...	2	4.5	812
3	La Rive	Amsterdam	['Mediterranean', 'French', 'International', 'Euro...	3	4.5	567
4	Vinkeles	Amsterdam	['French', 'European', 'International', 'Contemp...	4	5	564
5	Librije's Zusje Amsterdam	Amsterdam	['Dutch', 'European', 'International', 'Vegetaria...	5	4.5	316
6	Ciel Bleu Restaurant	Amsterdam	['Contemporary', 'International', 'Vegetarian Fri...	6	4.5	745
7	Zaza's	Amsterdam	['French', 'International', 'Mediterranean', 'Euro...	7	4.5	1455
8	Blue Pepper Restaurant And Candlelight Cruises	Amsterdam	['Asian', 'Indonesian', 'Vegetarian Friendly', 'Ve...	8	4.5	675
9	Teppanyaki Restaurant Sazanka	Amsterdam	['Japanese', 'Asian', 'Vegetarian Friendly', 'Veg...	9	4.5	923
10	Rob Wigboldus Vishandel	Amsterdam	['Dutch', 'Seafood', 'Fast Food']	10	4.5	450
11	The Happy Bull	Amsterdam	['American', 'Bar', 'European', 'Vegetarian Frie...	11	4.5	295
12	Gartine	Amsterdam	['French', 'Dutch', 'International', 'European', '...	12	4.5	967
13	Restaurant Adam	Amsterdam	['French', 'European', 'Central European', 'Veg...	13	4.5	368
14	Biercafe Gollem	Amsterdam	['Bar', 'Pub']	14	4.5	586
15	Restaurant Daalder	Amsterdam	['French', 'Dutch', 'International', 'European', '...	15	4.5	1246
16	Greenwoods Keizersgracht	Amsterdam	['Dutch', 'Cafe', 'European', 'British', 'Vegetaria...	16	4.5	1391
17	Omelegg - City Centre	Amsterdam	['Dutch', 'European', 'Healthy', 'International', '...	17	4.5	1633
18	Brasserie Ambassade	Amsterdam	['French', 'Bar', 'International', 'European', 'Se...	18	4.5	958
19	Sherpa Restaurant	Amsterdam	['Indian', 'Tibetan', 'Nepali', 'Vegetarian Friendl...	19	4.5	426
20	La Maschera Lillotatini	Amsterdam	['Italian', 'Mediterranean', 'European', 'Vegetari...	20	4.5	421
21	Senses Restaurant	Amsterdam	['International', 'European']	21	4.5	1380
22	MOS Amsterdam	Amsterdam	['French', 'Dutch', 'Seafood', 'European', 'Inter...	22	4.5	239
23	Restaurant Vlamming	Amsterdam	['Dutch', 'European', 'International', 'Vegetaria...	23	4.5	996
24	Arendsnest Dutch Beer Bar	Amsterdam	['Dutch', 'Bar', 'Pub']	24	4.5	716

## Stored Procedures :

- Gethotelbyname  

```
Create Procedure [dbo].[gethotelbyname]
(
    @name varchar(1000)
)
as
Begin
    select * from Hotel where [Name]=@name;
End
```
- Gethotels  

```
Create Procedure [dbo].[gethotels]
as
Begin
    select * from Hotel
End
```

## Known Issues

1. Autocomplete not working.
2. Filtering not implemented.

## CI/CD Deployment Screenshots

For both fronted and backend I have created CI/CD pipeline on Azure DevOps

Fronted Pipeline

Manually run today at 6:58 pm by Shubham Katore DellEMCFrontend master 1bd34d4

Logs Summary Tests

### Agent job 1 Job

Started: 3/3/2019, 6:59:07 PM

Pool: Hosted Ubuntu 1604 · Agent: Hosted Agent

... 3m 0s

✓ Initialize Agent · succeeded	<1s
✓ Prepare job · succeeded	<1s
✓ Initialize job · succeeded	2s
✓ Checkout · succeeded	5s
✓ npm install · succeeded	50s
✓ npm custom · succeeded	17s
✓ Azure Web App Deploy: dellemcFrontend · succeeded	1m 43s
✓ Post-job: Checkout · succeeded	<1s
✓ Finalize Job · succeeded	<1s
✓ Report build status · succeeded	<1s

## Backend Pipeline

#20190303.2: Search by Hotel Added  
Triggered today at 6:39 pm for Shubham Katore DellEMC master 3ef9d32  
Release Artifacts ...

Logs Summary Tests

Agent job 1 Job  
Pool: Hosted VS2017 · Agent: Hosted Agent  
Started: 3/3/2019, 6:39:38 PM  
... 2m 4s

✓ Initialize Agent · succeeded	1s
✓ Prepare job · succeeded	<1s
✓ Initialize job · succeeded	9s
✓ Checkout · succeeded	8s
✓ Use NuGet 4.4.1 · succeeded	<1s
✓ NuGet restore · succeeded	40s
✓ Build solution **\*.sln · succeeded	23s
✓ VsTest - testAssemblies · succeeded 1 warning	2s
✓ Azure App Service Deploy: dellemc · succeeded	31s
✓ Publish symbols path · succeeded	7s

If You need more Details, please call on +919637977216.