Deployment

Of

Leave Note Application

**Version 1.0**

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**Deployment in Local Environment:**

Steps to follow:

1. Install a Git client application.
2. Install maven and set MAVEN\_HOME = ‘*maven bin folder path*’
3. Go to command prompt.
4. Clone the project from Git using git client.

git clone <https://github.com/sumitKumartechie/Leave_Note_Project.git>

1. Go to D:\Leave\_Note\_Project\src\main\resources\static\js\app\app.js and change your

'urls',{

BASE : 'http://leavenoteapp.herokuapp.com/LeaveNoteApp',

NOTE\_SERVICE\_API : 'http://leavenoteapp.herokuapp.com/LeaveNoteApp/api/notes/'

});

To

'urls',{

BASE : 'http://localhost:8080/LeaveNoteApp',

NOTE\_SERVICE\_API : ' http://localhost:8080/LeaveNoteApp/api/notes/'

});

1. Go to D:\Leave\_Note\_Project\src\main\resources\Application.properties and comment below item:

###

# Postgres Heroku Database Settings

###

spring.datasource.url=jdbc:postgresql://ec2-107-21-113-16.compute-1.amazonaws.com:5432/dor66jo9v7q2v

spring.datasource.username = ezypzzynzoueab

spring.datasource.password = 526f456f86adb690e09c3df189b71589f95bb4c41502b7f0e280f66ac881b2c0

spring.datasource.driverClassName = org.postgresql.Driver

###

and

Open comments(Remove # comments from properties) of All H2 database settings to run in your local

###

# H2 Database Settings

###

spring.datasource.url=jdbc:h2:mem:leavenotesdb;DB\_CLOSE\_DELAY=-1;DB\_CLOSE\_ON\_EXIT=FALSE

spring.datasource.platform=h2

spring.datasource.username = sa

spring.datasource.password =

spring.datasource.driverClassName = org.h2.Driver

spring.jpa.database-platform=org.hibernate.dialect.H2Dialect

###

###

###

# H2 Settings

###

spring.h2.console.enabled=true

spring.h2.console.path=/console

spring.h2.console.settings.trace=false

spring.h2.console.settings.web-allow-others=false

###

1. Go to project root directory *cd Leave\_Note\_App.*
2. Execute command *mvn spring-boot:run*
3. Once execution done Application is up and running in your local.
4. Verify application url as <http://localhost:8080/Leave_Note_App>.
5. Verify H2 Console and connect to database using url <http://localhost:8080/Leave_Note_App>.

**Deployment in Heroku Environment:**

Steps to follow:

1. Create a Heroku login.
2. Download Heroku CLI.
3. Once installed then run command prompt write Heroku. It will provide you.

heroku login

Enter your Heroku credentials.

Email: java@example.com

Password:

1. Once login completed.
2. Clone the project from Git using git client.

git clone <https://github.com/sumitKumartechie/Leave_Note_Project.git>

1. Steps to create PostgreSQL Database on Heroku:
2. Go to your account on and create an app with name leavenoteapp.
3. Once app created click on app and screen will open with tabs.
4. Click on resources and search for ‘Heroku postgres’ in Add On.
5. Once added click on ‘Heroku postgres’ and it will open another window. Login with same credentials.
6. Once open click on view credentials.
7. Copy paste all credentials into required places in D:\Leave\_Note\_Project\src\main\resources\Application.properties

###

# Postgres Heroku Database Settings

###

spring.datasource.url=jdbc:postgresql://ec2-107-21-113-16.compute-1.amazonaws.com:5432/dor66jo9v7q2v

spring.datasource.username = ezypzzynzoueab

spring.datasource.password = 526f456f86adb690e09c3df189b71589f95bb4c41502b7f0e280f66ac881b2c0

spring.datasource.driverClassName = org.postgresql.Driver

###

1. Open command prompt and Go to project root directory *cd Leave\_Note\_App.*
2. From command prompt execute following command:

Execute command :

$ heroku git:remote -a leavenoteapp

$ git add.

$ git commit -am "make it better"

$ git push heroku master

1. Alternate way to create app from command line and deploy the app:

Execute command :

$ heroku create

$ git push heroku master

1. You have successfully deployed this app on your Heroku account.
2. See from Heroku Application account , click on logs if your application is up and running.
3. Verify application url as :

Execute command :

heroku open