**application.yml – Explanation**

flyway:  
 enabled: true  
 locations: classpath:migration

# **classpath**: /src/main/resources/

# **classpath**: point to a package on the classpath and may contain both sql and java-based migrations.  
Locations starting with **filesystem**: point to a directory on the filesystem and may only contain sql migrations.

# **Flyway** is a tool that lets you version control incremental changes to your database so that you can migrate it to a new version easily and confidently.

spring:  
 datasource:  
 url: jdbc:mysql://localhost:3306/OnboardingManagement?useSSL=false

# **Url** for the db in my local machine – Mysql Workbench

# useSSL=false – will suppress the ssl errors.  
 username: root  
 password: admin  
 driver-class-name: com.mysql.jdbc.Driver

# With this method, you could use an external configuration file to supply the driver **class name and driver** parameters to use when connecting to a database.

jpa:  
 hibernate.ddl-auto: update (update / create – drop / create / validate)

# hbm – **h**i**b**ernate **m**apping files ddl – data definition language

# Hibernate ddl auto (create, create-drop, update): with "update" the database

# schema will be automatically updated accordingly to java entities found in the project.

properties.hibernate.dialect: org.hibernate.dialect.MySQL5Dialect

# **HQL** query which we write in our java or any other object oriented program to the specific database **SQL**

The HQL ("FROM Employee") gets converted to "SELECT \* FROM EMPLOYEE" before hitting the MySQL database.

properties.hibernate.show\_sql: true

# Enable the logging of all the generated SQL statements to the console.

properties.hibernate.use\_sql\_comments: true

# If turned on, Hibernate will generate **comments** inside the SQL, for easier debugging, defaults to false.

mail:  
 host : email-smtp.us-east-1.amazonaws.com  
 port : 25  
 username : AKIAJO26FMZ6XAFBTK2A  
 password : ApOhuVS0OmDXn99MSrHNt6quG2ViGHYPorsUm+8tXj9ws  
 senderaddress : [BhodhaOnboardingApplication@cumuluslabs.io](mailto:BhodhaOnboardingApplication@cumuluslabs.io)  
 properties.mail.smtp.starttls.enable : true

# STARTTLS (Transport layer security) is an email protocol command that tells an email server that an email client, including an email client running in a web browser, wants to turn an existing **insecure connection into a secure one**.   
  
security:  
 basic:  
 enabled: false

# to disable **spring security** in the app  
server.port: 8080

* One SessionFactory object is created per database.
* Instances of SessionFactory are thread-safe and typically shared throughout an application. As these objects are heavy weight because they contains the connection information, hibernate configuration information and mapping files,location path.