**A Short write up about the project execution**

* Create an EC2 instance under the same default VPC – via AWS console 🡪 EC2 option
* AWS console 🡪 Associate all available default subnets within the default Router table
* Create an Internet gateway (this is to access the EC2 instance via internet)
* Associate internet gateway as one of the entry (inbound) in the router table
* Security group
  + The security group will be the same for both EC2 and VPC
  + Add the following inbound rules
    - TCP – port-20 – allow all connections
    - Http – port 80 – allow all connections
    - https – port 443 – allow all connections
    - Mysql/ Aurora – port 3306 – allow connections
* As part of user data of EC2 instance launch
  + Add auto installation of apache server
  + Add auto installation of php 7.2 server
  + Add auto installation of apache mysql
  + Get the webpage code (DBConn.php) from git
* Create an AMI out of this instance
* Create a launch configuration using the AMI
* Create a launch template out of this launch configuration
* Create a target group along with the load balancer.
* Select Launch config/ launch template and create Auto scaling group
* Create an RDS instance under default VPC – via AWS console 🡪 RDS option
  + RDS with MySql
  + Configure the same VPC as of EC2 existence
  + Assign the same security group as of EC2 to RDS instance
* Try connecting auto scaled EC2 instances with RDS instance via web-browser https:/ request by calling the DBConn.php
* Input the data into the objects designed in webpage and check if the data is inserted into the DB
* Create health check monitoring using route-53.