

# To Build the Software Using Cloud Computing

## Description

Project Agenda: To build the software using Cloud Computing Services from the worlds leading cloud provider Amazon Web Services.

## Prerequisites:

- Java
- Maven
- SpringBoot
- AWS Basics
- Working with EC2

## Description:

This assignment is designed to help understand how to host a Spring boot web application on the AWS EC2 Instance.

## Problem Statement:

Dr. Shawn runs a pet clinic. Therefore, he needs to record the visits and other details associated with the pets and their owners visiting his clinic. He has software developed by Bella Solutions, a software company, to manage the same.

Bella Solutions aims to host the software solution for Dr. Shawn on AWS EC2 instance to have online access from anywhere.

## Tasks:

Perform the below activities as a solution:

1. Import the given Spring Boot project with the developed code in Eclipse
2. Build the project using maven
3. Create and Launch AWS EC2 Instance
4. Configure EC2 Instance with JDK 11
5. Securely Copy the jar file to an EC2 instance
6. Run the Jar file for Spring Boot Project on EC2 Instance