**CI/CD Deployment for Springboot Application.** (Documentation)

**Project Name**:- CI/CD Deployment for Springboot Application**.**

**Project Developer** :- Priya Naveen

**Objectives of Project**:-

As a Full Stack Developer, you have to build a CI/CD pipeline to demonstrate continuous deployment and host the application on AWS EC2 instance.

**Sprint**

One sprint taken

And its time period is 3 weeks 15 worling days

|  |  |
| --- | --- |
| ConFig | Value |
| Sprint Start | 15/05/2022 |
| Sprint End | 24/05/2022 |
| Daily Hours | 9 |
| Focus Factor | 95% |
| No. Weeks | 3 |
| Working Days | 15 |
| Work Hours | 135 |
| Available WH | 99 |

|  |  |  |
| --- | --- | --- |
| Name | Role | Contribution |
| Priya Naveen | FSD | 100% |
| Priya Naveen | QA | 100% |
| Priya Naveen | Deployment | 100% |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Story Name | Story Points | Hours For Fed | Hours For Bed | Hours For QA |
| As the Hr Manager I want | 13 | 30 | 2 | 22 |
| As a Manager | 13 | 70 |  |  |
| As a User | 8 |  | 2 | 20 |

**Features :-**

* A part of the source code should be tracked on the GitHub repository. You need to document the tracked files that are ignored during the final push to the GitHub repository.
* The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository in the document.
* The step-by-step process involved in completing this task should be documented.

**Algorithm:-**

Step1:- Open Eccilpse.

Step2:- Create Spring boot application.

Step3:- Create index.html.

Step4:- create Default.css

Step5:- Do maven build clean package.

Step6:- push it to git hub.

Step6:- Genkins

Step7:- upload war file Docker.

Step8:- create docker image.

Step9:- deploy it using amazon Ec2.

Step10:- End

**Tools used for development**:

1. Visual studio app

2. Amazon Ec2

3. Eccilpe

4. Docker

5 . Kubernates

6. Git

7.Genkins

Unique selling Point:-

“The Next Quality”

Github link:- <https://github.com/NaveenPriya1/NaveenPriya1-CI-CD-Deployment-for-Springboot-Application.-Project>

**FlowChart:-**:

