**SWE 645- Assignment 2 (Read Me File)**

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Read me file for installation and setup instructions:-

1. Commit the war file in the Git repository (<https://github.com/Preeb34/StudentSurveyForm/tree/master/Survey_Form>).
2. Then created a Docker Image using “https://hub.docker.com/” and by creating “Dockerfile” in Eclipse. (The file is present in the folder).
3. Then run and build the docker (all the commands are given in document)
4. The docker image is running and can be seen on “http://localhost:8182/Survey\_Form”.
5. Created AWS EC2 Instance and IAM user (Detailed are written in document).
6. Then we setup rancher and created Kubernetes cluster.
7. Then we deployed docker Image on the cluster.
8. After deploying we could see our survey form in :

https://ec2-3-93-10-103.compute-1.amazonaws.com/k8s/clusters/c-rrmcq/api/v1/namespaces/se3645hw3namespace/services/http:student-survey:8080/proxy/Survey\_Form/

GitHub: <https://github.com/Preeb34/StudentSurveyForm/tree/master/Survey_Form>

AWS EC2: <https://us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#InstanceDetails:instanceId=i-0a36fb7755e73703c>

Rancher: <https://ec2-52-87-229-206.compute-1.amazonaws.com/dashboard/home>

**Tools used:**

For this project we have used GIT, Eclipse IDE, Desktop Docker, Rancher, AWS (EC2, IAM).

**NOTE**: the links will not work now as we have terminated AWS EC2 Instance. So you can see the whole process in the video and to follow the process we have created a separate documentation.