MINI PROJECT – II

(2019-20)

Designing and Deploying Web Application on Docker Container

SYNOPSIS

Institute of Engineering & Technology

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About the Project:

In this project we are going to create web application based on bus transportation system and this web application will be deployed on Docker container. Docker is an open source project that automates the deployment of applications inside software containers. Web application will provide user with facilities regarding buses availability, their route and much more and deploying it on container will help us to use resources, hardware efficiently. It will save our money and time.

Motivation:

On the basis of reviews received from students we aim to build an informative, organized and interactive website on bus transportation system.

Future prospects:

Running applications in containers instead of virtual machines is gaining momentum in the IT world. The technology is considered to be one of the fastest growing in the recent history of the software industry. Therefore, building a user-friendly website and deploying it on container will reduce our capital investment and time required to build and infrastructure. On the other side web application will help users to avail facilities that will provide them with information regarding bus availabilities, their routes and much more.

Intended Outcome:

A web application on bus transportation system deployed on docker container.

Hardware Requirements:

- Personal Computer

Software Requirements:

- Docker Container
- Google Chrome
- Text Editor