



**MIT School of Engineering**

**Department of Computer Science and Engineering**

## **Mini Project Synopsis**

**Group ID:7**

**Project Title: Server Management**

**Group Members:**

<b>Enrollment Number</b>	<b>Roll No.</b>	<b>Name of student</b>	<b>Email Id</b>	<b>Contact Number</b>
MITU19BTCS 0172	2193113	Harshwardhan Mehrotra	harshwardhanmehrotra@gmail.com	7771008804
MITU19BTCS 0085	2193246	Soham Dhande	sohamdhande11@gmail.com	7559444529
MITU19BTCS 0100	2193087	Viren Ghuikhedkar	virenghuikhedkar344@gmail.com	8169947475
MITU19BTCS 0089	2193240	Shreyansh Dubey	shyam8dubey@gmail.com	9834205132

### **Problem Statement:**

A vast number of containers can become too complex for an IT team to handle. So Container management will use software to automatically create, deploy and scale containers so as to make the work easier to handle. Container management is necessary when enterprises rely on containers to quickly deploy and update applications

### **Abstract:**

The aim of this project is to create a system for creation, deployment and scaling of containers. This will improve work for IT team to smoothen up the container handling and will increase portability, more consistent operation greater efficiency.

### Literature Survey:

Sr No.	Referred Paper/Journal	Year of Publication	Summary of paper referred
1	A Comparative Study of Containers and Virtual Machines In Big Data Environment	2018	This paper helped us to understand to the need of containers and why they are better than using virtual machines in cloud.
2	A Performance Study of Containers in Cloud Environment	2016	This journal helped us to understand how that system containers are more suitable to sustain I/O-bound workload

**Conclusion:**

To conclude we are making a website which will improve work for IT team to smoothen up the container handling.  
.This will improve their way of life a bit.

**Annexure:**

**Annexure I: Form A-Title Approval**

**Annexure II: Form B-Market and financial feasibility**

**Annexure III: Literature survey paper**

**Annexure IV: Project Tracker Sheet**

CSE Department, MIT School of Engineering, MIT ADT University, Pune