A

Major Project Report

On

IMPROVING SECURITY AND PRIVACY ATTRIBUTE BASED DATA SHARING IN CLOUD COMPUTING

Submitted to

Jawaharlal Nehru Technological University, Hyderabad

in partial fulfillment of the requirements for the award of Degree of

Bachelor of Technology

in

Computer Science And Engineering

By

VANAPARTHI USHASRI	(196Y1A05B1)
THALARI SUSHMITHA	(196Y1A05A1)
NERELLA SRINIJA	(196Y1A0574)
VANCHA NANDHINI	(196Y1A05B2)

Under the Guidance

of

A. MAHESH

Assistant Professor

Department of Computer Science And Engineering

SUMATHI REDDY INSTITUTE OF TECHNOLOGY for WOMEN

(Approved by AICTE, New Delhi; Affiliated to JNTU, Hyderabad)

Ananthasagar(Vill), Hasanparthy(M), Warangal – 506 371 (T.S.), Website : www.sritw.org

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PRINCIPAL
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<u>CERTIFICATE</u>

This is to certify that the project entitled **"IMPROVING SECURITY AND PRIVACY ATTRIBUTE BASED DATA SHARING IN CLOUD COMPUTING"** is submitted by **V.Ushasri(196Y1A05B), T.Sushmitha(196Y1A05A1), N. Srinija(196Y1A0574), V.Nandhini(196Y1A05B2)** in the partialfulfillment of requirement for the award of degree of Bachelor of Technology inComputer Science and Engineering during academic year 2022-2023.

A.MAHESH

Project Guide

External Examiner

Dr.E. SUDARSHAN

Head of the Department

PRINCIPAL
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)

Cloud Computing refers to each the applications delivered as services over the web and also the hardware and computer program within the datacentres that give those services. The services themselves have long been named as computer code as a Service (SaaS). The data center hardware and computer code is named as a Cloud. Once a Cloud is formed obtainable during a pay-as-you-go manner to the general public, it's referred to as Public Cloud. The service being sold is Utility Computing. Current samples of utility Computing embrace Amazon net Services, Google App Engine, and Microsoft Azure. The term non-public Cloud id accustomed visit internal datacentres of a business or alternative organization that aren't created obtainable to the general public. Thus, Cloud Computing is that the total of SaaS and Utility Computing, however doesn't usually embrace non-public Clouds. Cloud Computing term is employed during a general manner exchange it with one amongst the opposite terms only if clarity demands it. Fig. 1.1 shows the roles of the folks as users or suppliers of those layers of Cloud Computing.

In this way, most cloud frameworks have concentrated on facilitating applications and information on remote PCs, utilizing specifically replication techniques to guarantee accessibility and subsequently accomplishing a heap adjusting versatility. Notwithstanding, the reasonable model of mists surpasses such a basic specialized approach and prompts to challenges similar to the ones without bounds Internet, yet with marginally extraordinary concentration because of the mix of ideas and objectives certain to cloud frameworks. As it were, as a mechanical acknowledgment driven by a financial recommendation, cloud frameworks would offer capacities that empower significant parts without bounds Internet.