

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the task would be put incomplete without the mention of the people who made it possible, whose constant guidance and encouragement crown all the efforts with success.

We wish to express our deep sense of gratitude to **Mr.P.DURGA PRASAD** Assistant professor & Project Guide, Department of Computer Science and Engineering, University College of Engineering and Technology, for his able guidance and useful suggestion, which helped me in completing the project work, in time.

We are particularly thankful to **Mrs.Ch SWARNALATHA**, Head of the Department of Computer Science and Engineering for her guidance, intense support and encouragement, which helped us to mould our internship into a successful one.

We would like to thank Principal **Dr.R. REKHA** for her expert guidance and encouragement at various levels of our project.

We show our gratitude to our honourable Registrar **Prof. KRISHNA RAO THUMMA** for having provided all the facilities and support.

We avail this opportunity to express our deep sense of gratitude to our honourable Vice Chancellor **Prof.Ch. GOPAL REDDY**, congenial atmosphere to complete this project successfully.

We also thank all the staff members of Computer Science & Engineering department for their valuable support and generous advice. Finally, thanks to all our friends and family members for their continuous support and enthusiastic help.

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DECLARATION

I hereby declare that this Major Project report titled” **Voice Assistant System**”is a genuine Project work carried out by me in **B.Tech(Computer Science & Engineering)** degree course of **Mahatma Gandhi University, Nalgonda** andhas not been submitted to any other course or university for the award of degree

Signature of the student

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ABSTRACT

The increasing popularity of cloud storage is leading many organizations to move their data into the cloud. However, putting all data in one cloud causes problems such as vendor lock-in, increased service costs, and data availability. In this paper, we introduce DCStore, a Cloud-of-Clouds storage service designed for an organization to outsource their data into the clouds. To achieve the goal of cost-efficient and high-available, we combine three key techniques.

First, DCStore eliminates the redundant data at client-side to save storage cost via applicationaware chunking method. Second, DCStore uses an inner-chunk based erasure coding scheme to distribute unique chunks across multiple clouds for high availability. Finally, a container-based share management strategy is used for performance optimization.

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