

# **World IoT Day 2022- Idea Submission**

## **ABSTRACT**

### **TITLE OF THE PROJECT:**

**FASTER STORAGE SYSTEM FOR FIRMS**

### **TEAM MEMBERS:**

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The access of the data from the cloud storages are somewhat slow when compared to the local storages. But we are not using local storage because we cannot access the data remotely and they are hard to store in a single place (as generally we use cables to transfer files locally). This idea is to increase the data transfer and access speed using wifi for data transfer and storing them locally. Also making the server become cloud storage. In this paper, we take our past work above and beyond and present an inside and out investigation of the vital highlights of future enormous information stockpiling administrations for both unstructured and semi-organized information, what's more, talk about how such administrations ought to be developed and conveyed. We particularly center around the issues of information de-duplication for ventures and private associations. This research is especially significant for unpracticed arrangement suppliers like universities and exploration associations, and will permit them to quickly set up

their own enormous information stockpiling administrations.

### **Problem Statement:**

- The main problem of cloud storages is the speed of accessing the data. As we need to depend on the internet, even if we need to access a file of the company within the company, the user needs to access it through the internet and if there is any problem in the network then the situation will be a mess. Also another problem is the cost and the company needs to depend on the third party for their storages. Also security for the data comes into our picture in the case of cloud storage. Practically every form of data storage has the potential to be corrupted. Stray particles can interfere with most forms of data storage, and anything relying on magnetic strips or electric storage can be corrupted by electromagnetic interference.
- Data security
- Data Accessibility
- Data Protection
- Scalability
- But, there are some challenges of Big Data encountered by companies. These include data quality, storage, lack of data science professionals, validating data, and accumulating data from different sources.

### **Block Diagram:**

