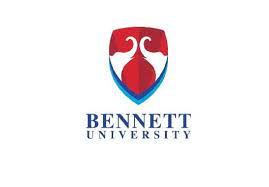
**Progress Report of 1th Semester**

(September- December ,2022)



Department of Computer Science Engineering (CSE)

**BENNETT UNIVERSITY (Times of India Group)**

**Noida-201310**

**Topic of Project** : DATA PIECE

**Team Name** : DATA PIRATES

**Team Number** : 211

**Program**  : BTECH. CSE

**Lab Instructor** : Mr.Atindra Shekhar ,Mrs.Deval Verma

**Presentation Date** : 20th December,2022

I **INTRODUCTION**

**NFT** means non-fungible tokens (NFTs), which are generally created using the same type of programming used for cryptocurrencies. In simple terms these cryptographic assets are based on blockchain technology

* 1. KEY FEATURES: -

An authentic certificate created by blockchain technology that underlies Cryptocurrency.

* **Unique**: - It cannot be forged or otherwise manipulated.
* **Exchange**: - NFT exchanges take place with cryptocurrencies such as Bitcoin on specialist sites.

II **BRIEF**

**2.1** BLOCKCHAIN DATABASE:

A blockchain is “a distributed database that maintains a continuously growing list of ordered records, called blocks. “These blocks “are linked using cryptography. Each block contains a cryptographic hash of the previous block a timestamp, and transaction data.

2.2 HOW DO NFTs WORK?

NFTs are individual tokens with valuable information stored in them. Because they hold a value primarily set by the market and demand, they can be bought and sold just like other physical types of art.

III **BACKGROUND**

In this world of new cryptocurrency many blockchains are coming up front for the business and economic world. NFTs are appearing to be an interesting project of Cryptocurrency, where they are stored on blockchains and are registered in the Meta.

3.1 **METHODS**

It uses file handling to combine layers of images by code to generate NFTs.

IV **Project AIM**

**To create NFTs in huge number with all of them being unique out of all them, with the help of python language.**

**Team Members:-**

1. Saquib Hussain (RESEARCH, CODE & DATA COLLECTION) [LEADER]
2. Siddham Jain (CODING HEAD)
3. Hardik Jain (REPORT)
4. Swet Prakash (PPT)
5. Ayush Kumar **(EXPLAINED FUNCTIONS AND MODULES)**