SEED CHAIN - Blockchain based seed supply chain system

Features

1. Provision for Seed Processing Plant or Agency to add seed data
2. Seed Certification process data updation
3. Capturing of seed test details
4. Query tool to get details about seed using LotNumber
5. Certification checker to verify seed authenticity
6. React based visual analytics dashboard for certification agency and testing labs
7. MongoDB based data store for seed data storage

(MongoDB cloud atlas free tier)

1. Ethereum blockchain support by Infura (External provider) for smart contract interfacing with python.

Test data for Query tool and Certification Checker

LotNumber : APR19-33-028-117(2)

LotNumber : MAY19-33-028-117(1)