NFT AlgoLearn

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Project Background

The Learning Management System (LMS) is crucial in our college learning process:

- Sustains most of the studying materials
- Allows course instructors to administer the students
- Records our grades and performances

UCSB has:

- 26,421 Students
- 1,248+ Faculty
Why Improve LMS?

- Very instructor-centered and students are only playing the role of attendee in the system.
- Centralized system lacks security and credibility.
- Doesn't meet the needs of a student-centered and learner-oriented contemporary classroom.
Use Cases for Blockchain in EdTech

01 Digital Identity
02 Transcripts and Certificates Verification
03 Attendance & Engagement Badges
04 Class Management
05 Voting
06 Campus Stablecoin
07 Student Clubs Governance
08 Web3 Campus Social Network
09 Research Traceability
Goals

NFT oriented LMS

More **flexible evaluation** from instructors

**Personalized representation** of students’ own comprehensive performance

More **secure and credible** LMS system

**Decentralized storage** of student’s information on blockchain using NFT
Solution: A Great Use Case for Blockchain

Interoperability, Composability and Integration

Analytics, Advising, and Learning Assessment

Personalization
NFT Demo

LINK TO DEMO
Welcome to AlgoLearn

Account

Password

Login

No account? Register here.
How it Works

FIREBASE
Login
Reset password
Email verification

Authenticaton

Start
Login | Sign up
Input
Edu account
Password
Input
Auto-generate

Blockchain
Algorand blockchain

Professor
Generate and send NFT
Transaction

Student
Earn and receive NFT
Prospect

Tasks

CMPS 165B MACHINE LEARNING
CMPS 189B CAPSTONE PROJECT
CMPS 398 INTERNSHIP

NFT

New generation of learning system

Web3 online campus community

NFT and real life currency connection
THANKS