AlgoLearn Learning Management System

Team GoCSIL

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Algorand

The Problem

UCSB IT: Update on the Campus Network Outage ➤ Inbox ×

UCSB IT <donotreply@ucsb.edu>
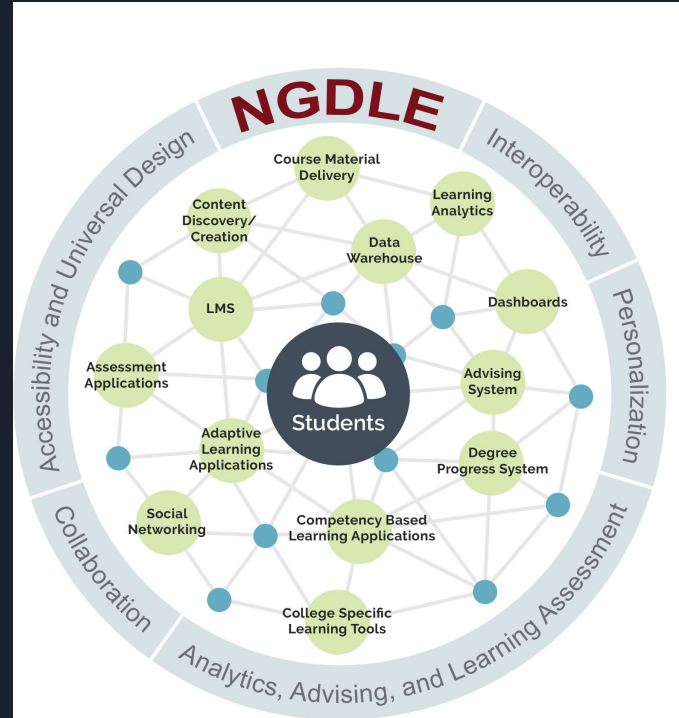to yijiecai ▾

- Current System:
  - Administration centered
  - Very centralized database

- A possible improvement:
  - Put our data in our own pocket!
  - Student is more than what's defined by grading:
    - Evaluation needs more dimensions

Our Solution

- Next-Generation

  Digital Learning Environment

- Engagement

  Collaboration

  Mobility

  Personalization

  ...

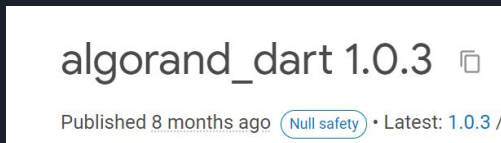# Our Solution

- Why Web 3.0 ?
  - Personalization guaranteed!

  - The fun of NFT:

    Make your performance become your ASSET!
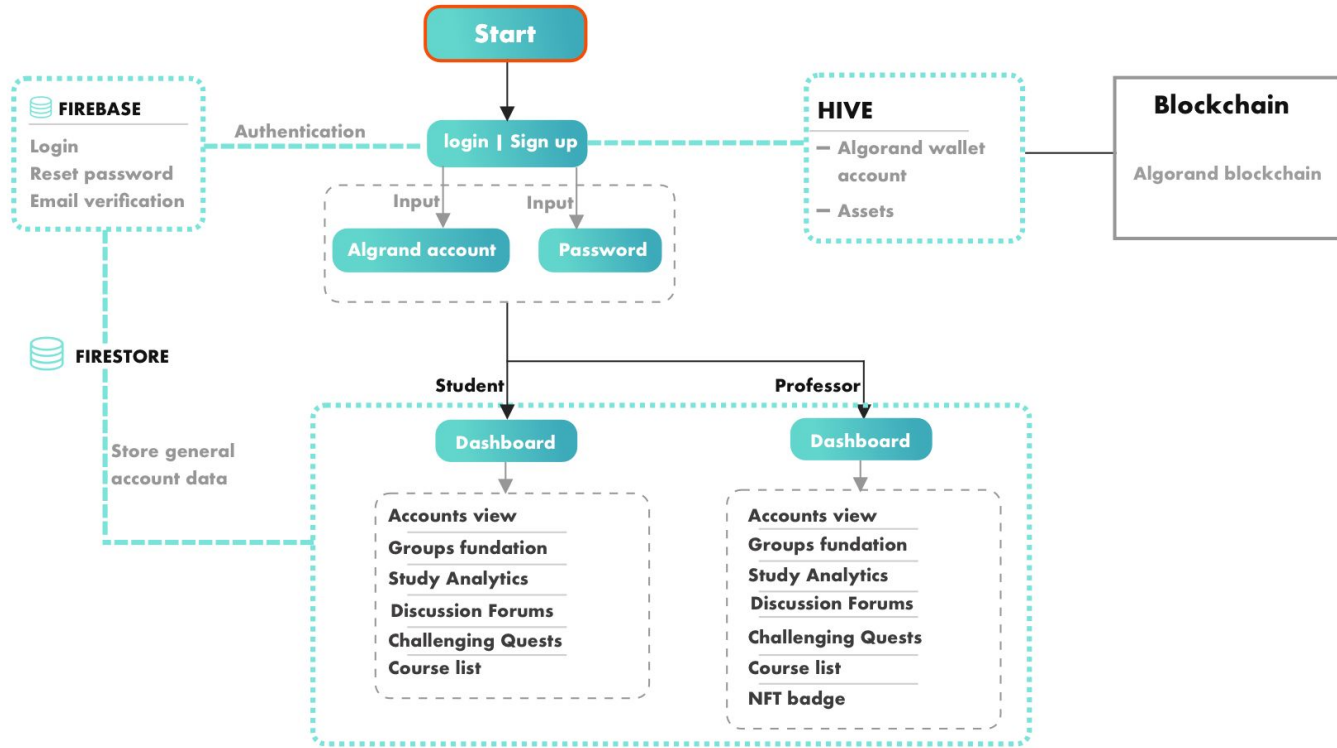
- ====> More secure, more descriptive profile of a student.

Technical Details

- Mobile Application

- Flutter using Dart language
  - Cross-platform Mobile Development

- Algorand_dart SDK, PureStake API

algorand_dart 1.0.3

Published 8 months ago (Null safety) • Latest: 1.0.3 /

PURESTAKE

Technical Details: Architecture

Challenges

- NFT Transactions

- Building from scratch

DEMO TIME

Future Plans

- Construct the fundamental NFT system by courses, as planned

- Gamification: A mission system for badges
  - Play with visual stimulation and "collection" value of NFTs
  - Add more dimensions for badge evaluation

Questions?