



StudyDAO Pitch Document

StudyDAO: Decentralized Incentives for Consistent Learning

Problem Statement

- Students struggle with motivation and consistency in studying.
 - Traditional online learning lacks tangible incentives.
 - Access to quality tutors and peer-reviewed study resources is limited.
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Our Solution

StudyDAO is a decentralized platform that:

- Allows users to create or join study groups.
 - Rewards users with tokens for consistent study sessions.
 - Provides a token marketplace for learning resources and tutor access.
 - Encourages community contributions like shared notes and guides.
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How It Works

1. Stake tokens to join or start a study group.
2. Log study sessions (10 minutes = 1 \$STUDY token).
3. Earn rewards for consistency.

4. Spend tokens on resources, tutors, or premium study packs.

Token Utility (\$STUDY)

- **Earned:** By logging valid study sessions.
- **Staked:** To create/join groups.
- **Spent:** On hiring tutors, accessing materials, or unlocking community resources.
- **Governance (Future):** Vote on platform features and reward structures.

Smart Contract Architecture

- **StudyToken.sol:** ERC-20 token logic.
- **StudyGroupFactory.sol:** Deploys new study groups.
- **StudyGroup.sol:** Logs sessions, handles staking.
- **StudyTokenAuthority.sol:** Permission and reward logic.
- *(Planned):* **Resources.sol** and **CommunityContent.sol** for tutor/material marketplaces.



Marketplace Features

- **Hire Tutors:** Pay in tokens for expert-led sessions.
 - **Buy Learning Materials:** Courses, PDFs, summaries.
 - **Community Resources:** Notes, guides, practice tests from peers.
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Competitive Advantage

- **Incentivized Learning:** Token rewards for studying.
 - **DAO-Based:** Transparent, user-governed ecosystem.
 - **Integrated Economy:** Tutors, resources, and study groups in one platform.
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Roadmap

- **Phase 1:** MVP – Study groups, session logging, token system 
- **Phase 2:** Marketplace + Community content modules 
- **Phase 3:** DAO Governance, NFTs for achievements, mobile app 