

A world map composed of numerous small, metallic coins, primarily in shades of green and blue, set against a teal background with faint circular patterns and numbers.

CROWDFUNDING

BY
TEAM NEXUS

AGENDA

1. Team Member Roles and Responsibilities
2. Problem Statement
3. Project Description
4. User Personas
5. MVP
6. Tools and Technology
7. Algorithms and Logic
8. Project Schedule
9. Team Working Agreement
10. Sprint 0 Retrospective

GETTING TO KNOW THE TEAM...



Ashwanth Maram
Full Stack Developer



Ashwitha Maram
Developer/Tester



Raj Mandaliya
Block Chain Developer

GETTING TO KNOW THE TEAM...



Vinukonda Yashwanth Reddy
Backend and Database Engineer



Nyi Nyi Lwin
Full Stack Developer



Naveen Pesalabanda
SCRUM Master

THE PROBLEM WE ARE SOLVING....

- High fees on traditional crowdfunding platforms(Kickstarter, GoFundMe, etc.)
- Lack of transparency in fund usage
- Centralized control by platform owners
- Trust issues between contributors and project creators

Crowd Funding tackles these challenges by using blockchain smart contracts for secure, transparent, and automated fund management.

Crowd Funding has the potential to make fundraising fair, low-cost, and community-driven, while giving contributors confidence and control.

PROJECT DESCRIPTION

What is Crowd Funding?

Crowd Funding aims to be a decentralized blockchain-based platform for fundraising which provides a transparent and secure way for creators to raise money for their projects

Designed to remove intermediaries and reduce high platform fees

Allows contributors to track how funds are used and participate in spending decisions

It includes:

- Campaign creation and Funding
- Contributor voting on fund usage
- Automatic refunds if goals not met
- Community driven governance

THE STARTUP FOUNDER PERSONA

Name: Alice Johnson

Age: 28

Gender: Female

Occupation: Startup Founder

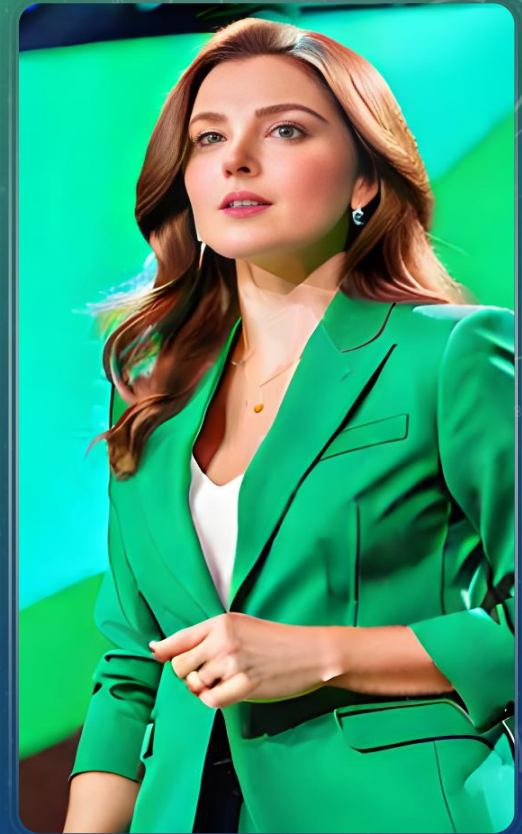
Alice is an ambitious entrepreneur developing a sustainable fashion brand. She wants to raise money to bring her eco-friendly products to market but struggles with high fees and limited visibility on traditional crowdfunding platforms.

Challenges:

- Struggles to gain trust from contributors due to lack of transparency.
- Centralized platforms charge high fees, cutting into her funding.
- Limited control over how her campaign is presented.

Goals:

- Raise funds fairly and transparently.
- Build credibility with backers.
- Ensure contributors see exactly how their money is being used.



THE INVESTOR PERSONA

Name: Bob Smith

Age: 35

Gender: Male

Occupation: Investor

Bob is a passionate investor who likes to fund innovative projects. He wants to support creators but often worries about whether his money is being used properly and feels disconnected after contributing.

Challenges:

- Unsure if funds are spent transparently
- No refunds if a project fails
- Has no control once money is invested

Goals:

- Invest with full transparency and security
- Receive refunds if funding goals aren't met
- Have a say in how project funds are used through voting



THE COMMUNITY MEMBER PERSONA

Name: Cathy Lee

Age: 22

Gender: Female

Occupation: College Student / Community Member

Cathy is an active member of online communities and DAOs. She enjoys contributing to causes but wants her voice to count, not just her money.

Challenges:

- No say in how project funds are allocated
- Hesitant to contribute without accountability
- Finds most platforms profit-driven and restrictive

Goals:

- Participate in voting and decision-making
- Support transparent, community-driven projects
- Learn about blockchain while backing meaningful causes



MVP

- **Campaign Creation:** Allow users to launch funding campaigns with metadata (title, goal, deadline).
- **Contribution Logic:** Accept ETH contributions and track them per user.
- **Refund Mechanism:** Automatically refund contributors if the goal isn't met.
- **Governance Voting:** Let contributors vote on fund allocation or milestones.

TOOLS & TECHNOLOGIES

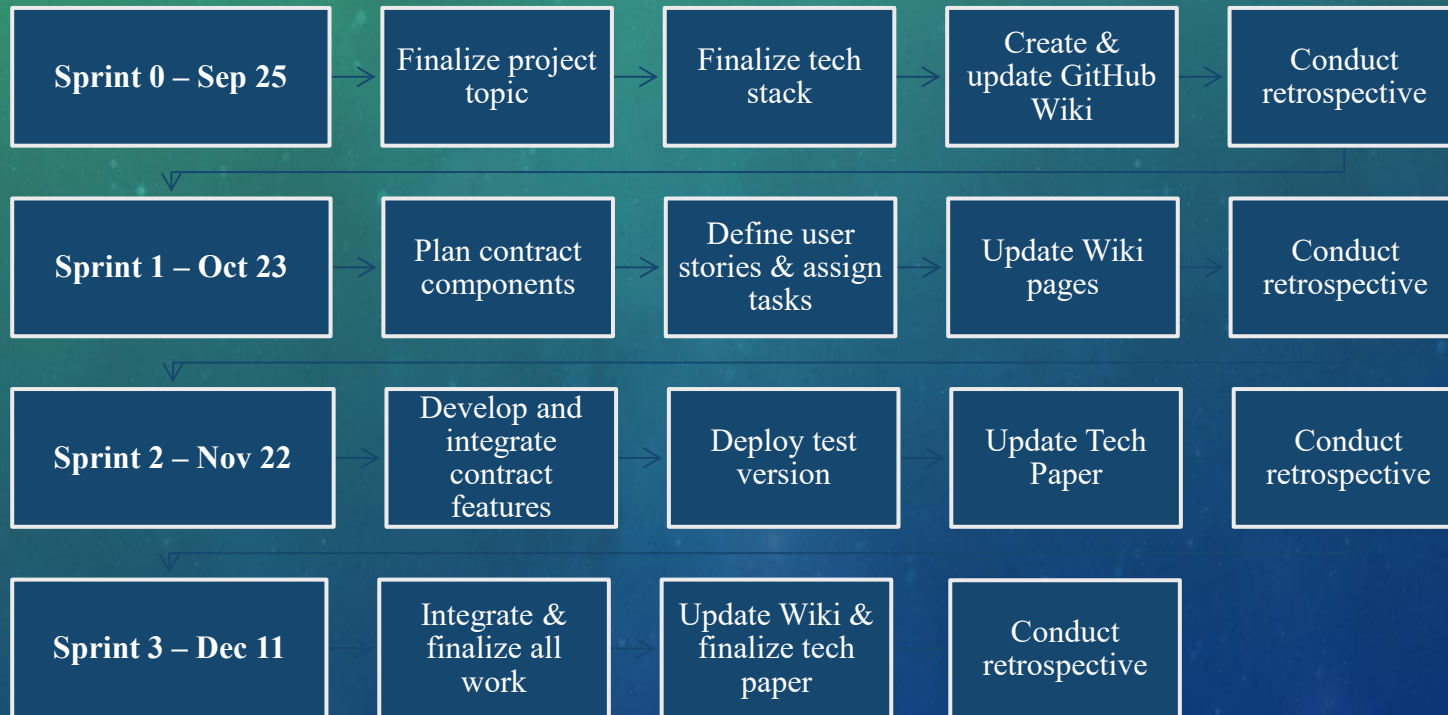
- **Blockchain:** Ethereum + Solidity
- **Development:** Remix IDE, Hardhat
- **Network:** MetaMask, Sepolia Test Network, Sepolia ETH Faucets
- **Deployment & Testing:** Hardhat
- **Collaboration Tools:** GitHub, VS Code



ALGORITHMS & LOGIC

- **Smart Contract–Based Voting Mechanism**
Implements a weighted voting system based on user stake or role.
Ensures tamper-proof, transparent decision-making using smart contracts.
- **Refund Logic**
Automatically refunds users if the funding goal is not achieved.
Executed via smart contract conditions to ensure user trust.
- **Fraud Detection Rules** *(Optional)*
Detects suspicious behavior like duplicate voting or fake contributions.
Helps maintain fairness and integrity in decentralized processes.

PROJECT SCHEDULE



TEAM WORKING AGREEMENT

Communication Expectations

- Use Zoom, GitHub for collaboration.
- Respect everyone opinions; decisions are made collectively.
- Notifying the team in advance if you cannot complete or attend.
- In case of any conflicts, present research-backed solutions and resolve by majority vote.
- Keeping everyone updated when pushing code or making changes.
- No last-minute dumping of work on others.

Meeting Schedules

- Meetings will be held twice weekly on Zoom or Google meet
- Meeting time is set based on availability.
- Agenda will be shared in advance for preparation.
- Sprint Planning at the start, Retrospective at the end of each sprint.
- Absence must be informed ahead of time; member must read meeting summary.
- All members are expected to participate and contribute fairly.

TEAM WORKING AGREEMENT

Team Dynamics & Principles

- Each member must clearly understand and own their tasks.
- Workload distributed fairly; large tasks broken into smaller ones.
- Every task has a **deadline** and review on completion.
- Encourage problem-solving before escalating blockers.
- Trackers must be updated regularly.
- Work progress should be committed and shared on GitHub.

Checklist for Task Completion

- Code should run **without errors**.
- Work must meet all **acceptance criteria**.
- Each task is **reviewed and tested** by everyone
- Documentation should be updated with the task.
- Final review by all team members before submission.

SPRINT 0 RETROSPECTIVE

- **What went well:**

Good collaboration & role distribution

- **What can be improved:**

More structured time management

- **Action Items:**

Use Trello/Jira for task tracking

Set clear deadlines for each deliverable

WIKI PAGE LINK

[Home · htmw/F2025-Team2 Wiki](#)



Thank You!