Project Plan

Idea	Problem Solved	Short Description
Simple Crowdfunding	Help fundraisers collect money transparently	Allow users to create a project, contribute, and withdraw if goal is met.
NFT Mint Counter	Track NFT minting easily	Allow users to mint NFTs with a counter.
Voting System	Community decision-making	Users vote once, admin declares the result.
Token Vesting Contract	Reward users slowly over time	Tokens released after time periods to users.
Time-locked Vault	Safe asset storage	Users can only withdraw after X days.

Features

- Anyone can contribute APT to a campaign.
- The project has a funding goal.
- If goal is reached, the creator can **withdraw** funds.
- If goal is **NOT** reached by deadline, contributors can **refund**.
- **Events** emitted when contributions happen.

Smart Contract Plan

Functions:

- create_campaign
- contribute
- withdraw_funds
- refund_contribution
- view_total_raised

Types and Structs:

move

```
struct Campaign has key {
    creator: address,
    goal: u64,
    deadline: u64, // timestamp
    total_raised: u64,
    contributions: table::Table<address, u64>,
}
```

Aptos Deployment Plan

 Use **Move CLI** or **Remix IDE** for Aptos.

 Deploy to **Testnet** or **Devnet**.

 Get contract address.

 Create a simple README.md to explain.

TEMPLATE

Simple Crowdfunding on Aptos

Problem

Crowdfunding campaigns often lack transparency. This project builds a decentralized crowdfunding platform on Aptos blockchain.

Features

- Create a campaign with goal and deadline

- Anyone can contribute APT tokens

- Creator can withdraw if goal is met

- Contributors can refund if goal is not met by deadline

How it Works

1. Creator deploys a new Campaign.

2. Contributors send Aptos coins to the campaign.

3. After deadline:

  - If goal met → creator withdraws funds.

- If goal not met → contributors claim refunds.

Deployed Address