Project Absracts

Basic Crowdfunding Platform :

This project aims to develop a **Basic Crowdfunding Platform** that enables individuals to raise funds for personal, social, or entrepreneurial causes through public contributions. The platform serves as a digital intermediary connecting **campaign creators** with potential **backers** in a transparent and user-friendly environment.

The system allows users to **create crowdfunding campaigns** by providing details such as title, description, funding goal, and images. Visitors or registered users can browse campaigns, contribute funds, and track campaign progress.

Basic Voting App :

This project focuses on developing a **Basic Voting Application** that enables users to participate in digital polls or elections in a secure and straightforward manner. The system is designed to facilitate **online voting** for various purposes, such as surveys, elections, feedback collection, or opinion polls.

The application supports **user registration and login**, **vote casting.** Admin users can create and manage polls by defining options, duration, and target participants. Once a poll is live, authenticated users can vote, ensuring that **each user can vote only once per poll**. The app also provides a **results dashboard** displaying vote counts and percentages for each option.

Simple Decentralized Lottery :

This project presents a **Simple Decentralized Lottery System** built on blockchain technology to ensure **fairness, transparency, and immutability**. Unlike traditional lottery systems, this decentralized approach eliminates the need for a central authority, allowing participants to enter a lottery with complete trust in the system's integrity.

The application uses **smart contracts** to manage the core functions of the lottery, including **participant entry**, **random winner selection**, and **automatic prize distribution**. Users can join the lottery by sending a fixed amount of cryptocurrency (e.g., Ether) to the contract. Once a predetermined number of entries or time limit is reached, the smart contract automatically selects a winner using a pseudo-random algorithm and transfers the prize fund.