Project Brief

Project name: SmartCity

Project Coder: Krishiv Garg

Project Type : Website

Project Overview:

Problems Addressed: Non tech-savy people find adapting to and navigating smart cities very tough; there is alot of unsegregated waste in large smart cities; Systemic lack of innovation in Energy Infrastructure.

Smart Smart city project uses **interactive, maps, artificial intelligence and Blockchain** to create a more energy efficient system, and also ease transition to smart cities effectively. It uses the innovative peer to peer Blockchain energy trading to **reduce the burden on the main grid**; artificial intelligence to track type of waste; and the project also uses **interactive maps to gauge, pollution, and locate EV chargers across the world.**

How does the Project Solve Problems ?

- **3 Interactive Maps** to locate EV Chargers globally.

- **1 interactive AQI map, 1 carbon emission map and 1 open WI-FI Map** to allow people to become more aware.

- **Inhouse trained Waste Segregation A.I.** to segregate: **Electronic, Organic and Inorganic waste**

- **Peer-2-Peer Blockchain Energy Trading** with a hash ledger.

Objectives:

- To **raise awareness** about carbon emissions and **energy conservation**.

- To reduce waste and **promote recycling**.

- To make **transitioning to EVs easier** and promote EVs

- To promote energy **innovation using blockchain**

TECHNICAL INFORMATION

- Languages used: **HTML, CSS, JS**

- Technologies: **AI, ML, BlockChain, Interactive Maps**

Pages

- **HOME, BLOCKCHAIN ENERGY TRADING, INTERACTIVE MAPS, CHARGER LOCATOR, WASTE SEGREGATION A.I.**

KEY FEATURES

- **Inclusive and Easy to use interface**
- **Uses Latest technologies**
- **Consistent design and animations**