



IOT

Project Ideas/Titles

S.No	Title	Description
1	Smart Home Automation	Develop a system to control lights, temperature, and security systems in a home using IoT sensors.
2	Smart Agriculture System	Build a system that monitors soil moisture, temperature, and humidity, and automatically adjusts irrigation.
3	IoT-Based Health Monitoring System	Create a wearable IoT device to monitor vital signs like heart rate, temperature, and blood pressure.
4	Intelligent Traffic Management	Design an IoT system to monitor traffic conditions and control traffic lights for optimal flow.
5	Smart Waste Management	Build a system to monitor trash levels in bins and optimize collection schedules using IoT sensors.
6	Smart Parking System	Create a system that uses IoT sensors to monitor available parking spaces and guide drivers to them.
7	Industrial IoT (IIoT) for Predictive Maintenance	Build a system to monitor machines' health in factories and predict maintenance needs.
8	IoT-Based Smart Lighting	Develop an IoT system to control street or home lighting based on time, motion, or ambient light levels.
9	IoT-Enabled Inventory Management	Create an IoT system to track inventory in real-time, update stock levels, and send alerts when supplies are low.
10	Smart Water Management System	Design a system to monitor water quality, consumption, and leak detection using IoT sensors.
11	Wearable IoT Fitness Tracker	Build a wearable device to track physical activity, sleep patterns, and overall health metrics.
12	Smart Grid for Energy Management	Develop an IoT-based solution to monitor and manage energy consumption across homes or buildings.
13	Smart Agriculture Drone	Build a drone with IoT sensors for precision agriculture, monitoring crops, and applying fertilizers.
14	IoT-Enabled Fire Safety System	Create a fire safety system that uses IoT sensors to detect smoke, heat, or gas leaks and send alerts.
15	Home Security System with IoT	Develop a security system using cameras, motion sensors, and door/window sensors, all controlled via a mobile app.



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16	Smart Door Lock System	Develop an IoT-enabled door lock system that can be controlled remotely or with biometric authentication.
17	Environmental Monitoring System	Create a system to monitor environmental factors such as air quality, temperature, and pollution levels.
18	Smart Thermostat System	Build a thermostat that learns users' preferences and adjusts the temperature accordingly to save energy.
19	IoT-Based Smart Mirror	Develop a smart mirror that displays time, weather, and news while monitoring health parameters like weight.
20	Smart Fridge System	Build a smart fridge that can track inventory, suggest recipes, and alert users when food is about to expire.
21	Fleet Management System	Create a system that uses GPS and IoT sensors to track vehicles, manage routes, and monitor vehicle health.
22	Smart Glasses for Visual Assistance	Design IoT-enabled smart glasses that provide real-time visual assistance or AR features for users.
23	Smart Garden System	Build an IoT system to monitor and manage conditions in a garden, including soil moisture, light, and temperature.
24	Smart Pet Feeder System	Develop an IoT-enabled automated pet feeder that dispenses food and water and tracks pet activities.
25	Smart Shoe System for Health Tracking	Create an IoT system embedded in shoes that tracks physical activity, posture, and health metrics.
26	Smart Traffic Signal System	Build an intelligent traffic signal system that adapts to real-time traffic flow using IoT and sensors.
27	IoT-Based Air Purifier	Create a smart air purifier that adjusts its operation based on air quality data from IoT sensors.
28	Remote Patient Monitoring System	Develop an IoT system that tracks patient vitals remotely and sends alerts to healthcare providers.
29	Smart Washing Machine	Build a washing machine that can be controlled remotely, monitors laundry progress, and adjusts settings based on clothes type.
30	Smart Lighting System for Office Buildings	Create an energy-efficient lighting system that adjusts based on occupancy and ambient light levels in offices.



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