

Project 1. Health Monitoring and Management System:

The objective of this project is to develop a web application that can monitor and manage the health of individuals, particularly those with chronic diseases. The system can be integrated with wearable devices, such as smartwatches, to collect health data, which can then be analyzed by the system. The web application will allow doctors to monitor and manage their patients remotely.

Project 2. Smart Waste Management System:

The objective of this project is to develop a web application that can monitor and manage waste in a city. The system can be integrated with IoT sensors that can detect waste levels in bins, which can then be collected by the city's waste management team. The web application will allow citizens to report overflowing bins and track the status of waste collection in their area.

Project 3. Agriculture Yield Prediction System:

The objective of this project is to develop a web application that can predict crop yields based on environmental data, such as temperature, rainfall, and soil conditions. The system can be integrated with IoT sensors to collect environmental data, which can then be analyzed by the system. The web application will allow farmers to make informed decisions about their crops, such as when to plant, harvest, and fertilize.

Project 4. Online Learning Management System:

The objective of this project is to develop a web application that can manage online courses and learning materials for educational institutions. The system can allow teachers to create and manage courses, students to enroll in courses and track their progress, and administrators to manage the overall system. The web application will provide an efficient and easy-to-use platform for online learning.

Project 5. Disaster Management System:

The objective of this project is to develop a web application that can aid in disaster management by providing real-time information about disasters, such as floods or earthquakes. The system can be integrated with IoT sensors to collect data about the disaster, which can then be analyzed by the system. The web application will allow citizens and authorities to access information about the disaster, such as evacuation routes, emergency services, and relief efforts.