



Industrial Ideas for

Final Year Projects

December 8, 2023 – Friday



Project Idea 1

Title

Diabetes Prevention and Management System (Mobile App) with AI

Abstract/Introduction

The prevalence of diabetes is increasing globally, and effective prevention and management are crucial. This project aims to develop a mobile app empowered by artificial intelligence to assist users in preventing and managing diabetes. By integrating machine learning algorithms and data-driven insights, the app will provide personalized recommendations for lifestyle changes, diet modifications, and activity levels. Additionally, it will incorporate real-time monitoring features to track key health metrics and offer timely interventions to enhance overall diabetes management.

Expected Outcome

- Personalized diabetes prevention strategies.
- Real-time health monitoring and feedback.
- Lifestyle and diet recommendations based on AI analysis.
- Enhanced user engagement through interactive features.
- Improved overall health and well-being.
- Empowerment of individuals to take proactive control of their health.
- Contributing to the global effort to reduce diabetes-related health issues.

Project Idea 2

Title

AI-Powered Product Recommendation System for Online Shopping

Abstract/Introduction

The vast landscape of online shopping offers a multitude of products, making it challenging for users to find the best deals. This project introduces an AI-powered product recommendation system that allows users to search for a specific product and receive suggestions along with price comparisons across various online stores. By employing web scraping techniques to gather data from online stores and implementing recommendation algorithms, the system aims to streamline the shopping experience, providing users with comprehensive information to make informed purchasing decisions.

Expected Outcome

- Streamlined product search and comparison.
- Real-time price tracking and updates.
- Personalized product recommendations based on user preferences.
- Enhanced user experience through a user-friendly interface.
- Increased efficiency in online shopping decisions.
- Empowerment of users with comprehensive product information.
- Contributing to the evolution of efficient and intelligent e-commerce practices.

Project Idea 3

Title

Personal Finance App with AI-Driven Credit Profiling and Financial Management

Abstract/Introduction

Effective financial management is essential for individuals to achieve their financial goals. This project introduces a personal finance app leveraging artificial intelligence to maintain credit profiling for users and offer intelligent financial management decisions. Through data scraping and analysis of financial market trends, the app aims to provide personalized insights into budgeting, investment opportunities, and credit decisions. The integration of machine learning algorithms will enable the app to adapt and provide context-specific recommendations to help users make informed financial choices.

Expected Outcome

- AI-driven credit profiling for personalized financial insights
- Context-specific finance management recommendations
- Real-time market trend analysis and investment suggestions
- Intelligent budgeting and expense tracking
- Enhanced user financial literacy through educational features
- Empowerment of users to make informed and strategic financial decisions
- Contributing to improved financial well-being and security