

Parul Institute of Technology and Science Computer Science and Engineering Department

* Project ID: 182
* Team members Details:

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* Definitions Discussed with guide:
* Definition 1: Energy Conservation using Machine Learning

Developing an AI-powered energy management system is crucial for businesses facing high energy costs and environmental concerns. The system, using machine learning and data analytics, optimizes energy consumption in industrial and commercial facilities. It collects real-time energy data, predicts usage patterns, and suggests energy-efficient practices, automating control for devices like lighting and HVAC systems. The scalable and adaptable system aims to reduce costs, improve efficiency, and contribute to environmental sustainability, offering benefits such as cost savings, improved energy efficiency, reduced carbon footprint, scalability, and user-friendliness. The ultimate goal is to provide businesses with a cost-effective solution for managing energy usage and enhancing their environmental impact.

* Definition 2: Bookeeda Platform for Book lovers

Introducing Bookeeda - a platform revolutionizing book publishing. Authors are empowered to set book prices and, if needed, access professional designers for cover and content enhancements. Bookeeda acts as the intermediary, connecting authors with printers via separate applications. With copyright protection and options for both paperback and e-books, authors enjoy sales analytics, coupon code generation, and timely payouts. Meanwhile, printers benefit from detailed analytics and reimbursements, with logistics support ensuring efficient book delivery to customers

* Definition 3: Official Document simplification using Artificial Intelligence

Develop an AI solution for a hackathon that simplifies legal documentation for individuals and small businesses in India. Features include a user-friendly interface, AI-powered document generation in plain language, customization options, integration with legal resources, and an option for legal advice. The impact aims to benefit those with limited legal resources, saving time, reducing errors, and increasing access to justice. Participants can use publicly available legal databases for training. Deliverables include a prototype, presentation, code, and documentation prioritizing data privacy and security.

* Final Definition: 2. Bookeeda Platform for Book lovers
* Main Features:

1. Author Centric Control
2. Professional Design Assistance
3. Seamless Author-Printer Interaction
4. Copyright Protection
5. Copyright Protection
6. Multiple Publishing Formats
7. Transparent Sales Analytics
8. Community Building
9. E-Commerce Platform

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| **Sign:** |
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