Patent Search

Invention Title	HelperHive: Smart Platform for Reliable Service Management
Publication Number	48/2025
Publication Date	28/11/2025
Publication Type	INA
Application Number	202541108923
Application Filing Date	07/11/2025
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06F 21/50, G01S 19/08, G06F 7/509, G05B 19/4063, G16H 20/00

Inventor

Name	Address	Country	Nationality
BV Prasanthi	Assistant Professor, Department of CSE, Vishnu Institute of Technology(A), Kovvada, Bhimavaram, Andhra Pradesh, 534202.	India	India
Preethi Bitra	Assistant Professor, Department of CSE, Vishnu Institute of Technology(A), Kovvada, Bhimavaram, Andhra Pradesh, 534202.	India	India
Kothapalli Vishnu Vardhan	Department of CSE, Vishnu Institute of Technology(A), Kovvada, Bhimavaram, Andhra Pradesh, 534202.	India	India
Korrapati Thirumala Narasimha Naidu	Department of CSE, Vishnu Institute of Technology(A), Kovvada, Bhimavaram, Andhra Pradesh, 534202.	India	India
Konduboyena Lokesh Surya Prakash	Department of CSE, Vishnu Institute of Technology(A), Kovvada, Bhimavaram, Andhra Pradesh, 534202.	India	India
Neeluri Gnana Deepika	Department of CSE, Vishnu Institute of Technology(A), Kovvada, Bhimavaram, Andhra Pradesh, 534202.	India	India

Applicant

Name	Address	Country	Nationality
Vishnu Institute of Technology	Sri Vishnu Education Society, Kovvada Rd, Vishnupur, Kovvada, Andhra Pradesh 534202	India	India

Abstract:

The invention discloses an AI-driven system for conservation and management of indigenous Indian cow breeds. It employs artificial intelligence, image processing, and data analytics for breed identification, early disease detection, and health monitoring. The system integrates veterinary teleconsultation, digital marketplace for cow-derived products, and government scheme assistance within a unified mobile platform. By combining AI-powered diagnostics, economic empowerment, and conservation support, the invention enables sustainable livestock management, promotes biodiversity, and enhances rural livelihoods. The system is scalable, cost-effective, and adaptable for diverse environmental conditions, ensuring technological inclusivity and long-term breed preservation

Complete Specification

Description:FIELD OF THE INVENTION

[001] The present invention relates to the field of digital service management systems, and more particularly to an AI-powered platform designed to facilitate transparent, reliable, and efficient coordination between users, skilled service providers, and retailers. The invention further pertains to the application of artificial intelligence (AI) and machine learning (ML) for optimizing service booking, task allocation, scheduling, and communication within a unified cloud-based ecosystem. The invention finds applicability across multiple domains including home maintenance, healthcare, education, beauty, repair, and other gig-economy sectors, where intelligent automation and dynamic coordination enhance the overall service quality and user experience.

BACKGROUND OF THE INVENTION

[002] In the present digital age, a number of online service platforms have emerged to connect users with service providers across various domains such as home maintenance, education, healthcare, and repair services. Reference may be made to existing service booking systems such as UrbanClap (now Urban Company) and JustDial, wherein users can select professionals from predefined listings and avail required services. However, these conventional systems suffer from several inherent limitations, such as non-transparent pricing mechanisms, lack of real-time communication, unreliable service quality, and static task allocation models. The inability to dynamically match user requirements with service provider availability and competency results in inefficiency, user dissatisfaction, and inconsistent service outcomes.

View Application Status

Page last updated on: 26/06/2019