CATEGORY-3: Emerging Technology		
Generative AI, Extended Reality, Virtual Reality, Augmented Reality, Robotics, Artificial Intelligence and Machine Learning, Genomics, Cyber Security, Block Chain, Green Energy Solutions, Metaverse, Digital Twin etc.		
PS-ID	**Problem Statement**	**Description**
PS-301	Expense Tracker	Create an application for tracking expenses and budget management. The project can include data visualization and analysis features.
PS-302	Health and Fitness App	Develop an app that helps users track their fitness activities, monitor health metrics, and set fitness goals. Integration with wearables can be explored.
PS-303	Weather Forecasting App	Create a weather application that fetches data from a weather API and provides users with accurate and up-to-date weather information.
PS-304	Social Media Analytics Dashboard	Develop a dashboard that analyzes social media data, including user engagement, trends, and sentiment analysis.
PS-305	Voice Assistant Integration	Integrate a voice assistant (like Amazon Alexa or Google Assistant) into an application to perform tasks through voice commands
PS-306	Blockchain-based Voting System	Design a secure and transparent voting system using blockchain technology. Explore features like voter authentication and result verification
PS-307	Educational Game for Children	Create an interactive and educational game for children that focuses on learning concepts such as math, language, or science
PS-308	Cybersecurity Tool	Develop a tool that enhances cybersecurity, such as a password manager, network monitoring tool, or malware detection system
PS-309	Offer/Discount Finder	Design a website/app that searches best deals and offers from different websites
PS-310	Scholarship App	Design a website/app that searches and finds the best suited scholarships available for profile specified by the user.
PS-311	VR/AR Educational Tools	Create educational AR apps that enhance learning experiences. For example, an AR app for biology students that overlays 3D models of organisms when scanning textbook images
PS-312	VR/AR Interior Design App	Build an AR app that allows users to visualize furniture and decor items in their homes before making a purchase. Users can place virtual items in their real-world environment through the app

Note: Kindly go through the guidelines, prior to registration process

PS-313	VR/AR Fitness Trainer	Create an AR app that guides users through fitness routines. Virtual trainers can be overlaid on the user's view, demonstrating exercises in real-time
PS-314	VR/AR Historical Tour	Develop an AR app that provides historical information about landmarks when users point their device at them. This could be used for self-guided historical tours in cities
PS-315	VR/AR Health Visualization	Build an AR app that visualizes medical data for healthcare professionals. For example, a surgeon could use AR to see 3D visualizations of patient anatomy during surgery
PS-316	VR/AR Art Gallery	Design a virtual art gallery that allows users to explore and appreciate art in a VR environment. Artists can showcase their work in a unique and immersive way.
PS-317	VR/AR Interactive Storytelling	Build a VR storytelling experience where users can interact with the narrative, making decisions that affect the storyline. This could be applied to educational content or entertainmen
PS-318	AI-based Music Generation	Build a system that generates music compositions using AI algorithms
PS-319	AI in Finance: Stock Price Prediction	Create a machine learning model to predict stock prices based on historical data. Explore different algorithms and evaluate their performance
PS-320	Predictive Maintenance for Machinery	Build an AI model that predicts when machinery or equipment is likely to fail, allowing for proactive maintenance and reducing downtime
PS-321	Fake News Detection	Build a system that uses AI algorithms to detect and classify fake news articles. Train the model on a dataset of reliable and unreliable sources
PS-322	AI-driven Cybersecurity	Design an AI system for detecting and preventing cybersecurity threats. This could involve anomaly detection, intrusion detection, or behavior analysis
PS-323	Financial News Analysis	Analysis of Financial News for predicting share market movement for particular sectors/companies etc
PS-324	Hijack Response Simulation System	The Hijack Response Simulation System is a virtual training platform designed to replicate scenarios related to hijackings, aiming to train individuals in responding effectively to ensure the safety and security of passengers and crew.

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