



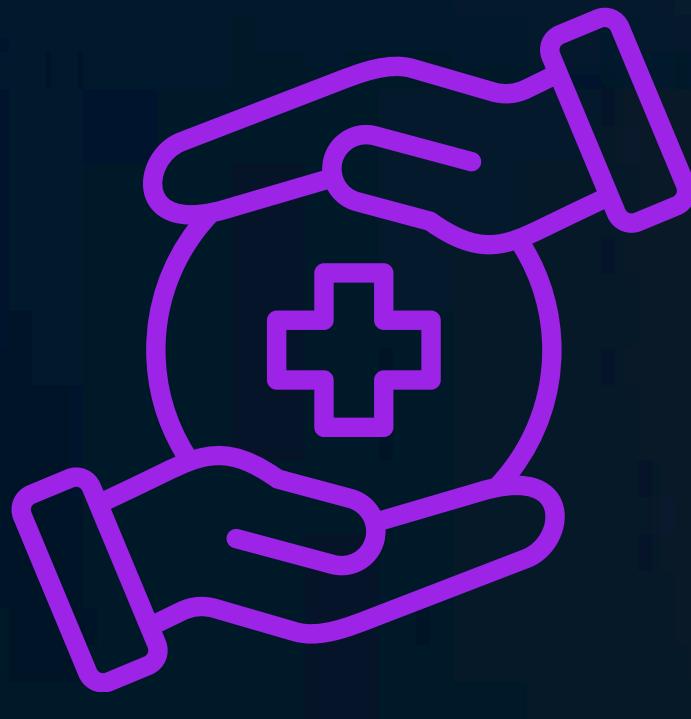
DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

IDEAFORGE 1.0

ROUND 1 - PPT SUBMISSION

PROBLEM STATEMENTS

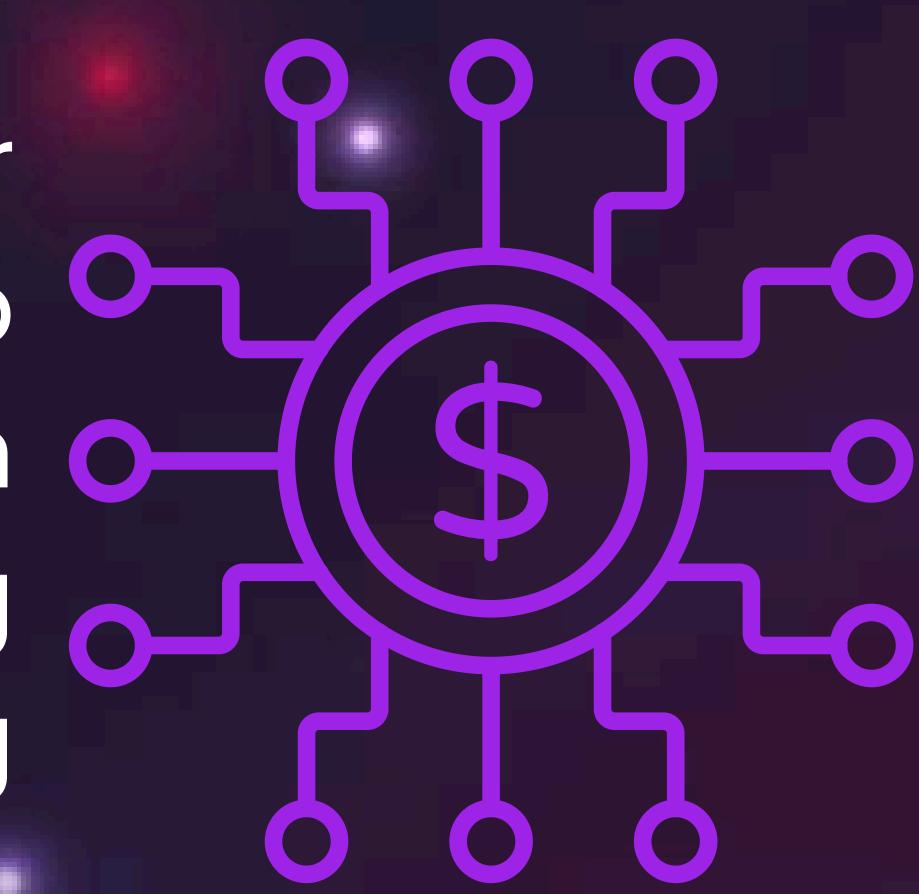
HEALTHCARE



Build an AI tool that analyzes changes in speech patterns, vocabulary, and other behavioral cues to detect early signs of cognitive decline, such as Alzheimer's, enabling timely interventions and care planning.

FINANCIAL INCLUSION

Create a personalized financial planning platform for retirees and pre-retirees, offering AI-driven tools to help them achieve financial security in retirement. The platform will focus on improving retirement adequacy, managing savings, investments, and healthcare costs, while enhancing financial literacy as the population becomes more affluent.



SOCIAL RESPONSIBILITY



How can we develop a crowdsourced platform that empowers communities, volunteers, and conservationists to report and monitor real-time environmental changes, wildlife activity, and animal migration patterns? The platform should allow users to report incidents such as environmental damage, wildlife sightings, or migration events, helping to inform conservation efforts, promote sustainability, and protect endangered species and ecosystems.



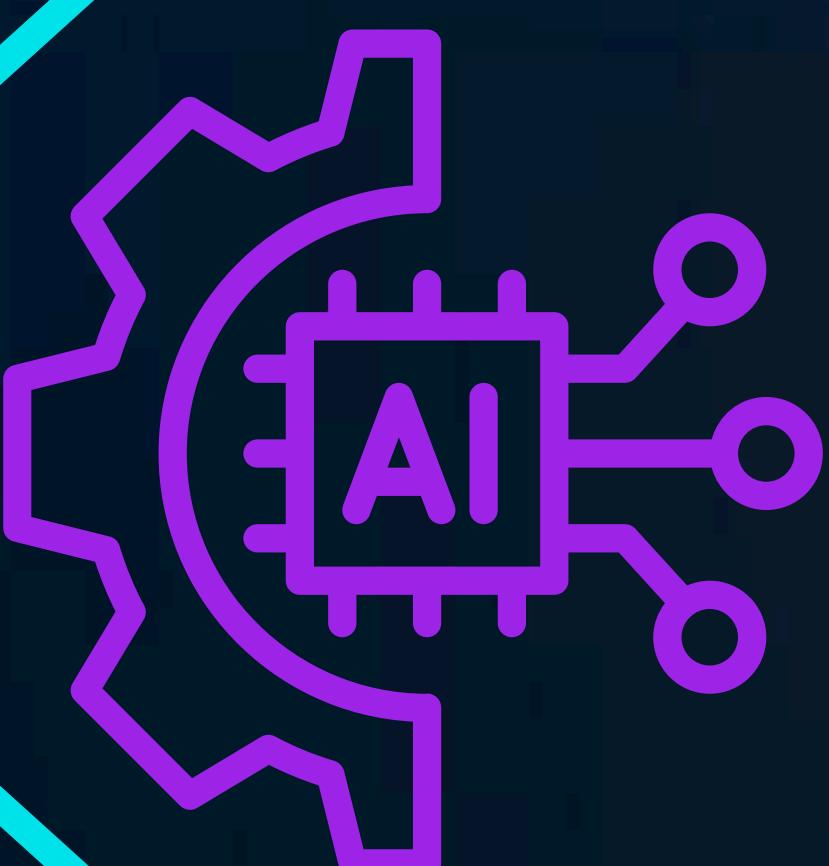
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SMART AUTOMATION



Businesses struggle to create effective strategies due to insufficient insights into market dynamics and competitor behavior. An AI-powered platform that automates business model generation, market fit assessment, and competitive analysis can help companies make informed decisions and enhance their market positioning for sustainable growth.

AGRICULTURE

Agriculture lacks cost-effective systems to improve mechanization in processes like planting, weeding, and harvesting, especially in hilly and protected cultivation. Additionally, current technologies for assessing, grading, and processing agri-produce are inefficient, limiting productivity and quality control



SMART EDUCATION



Design a tool to help students with dyslexia or other reading challenges. Consider how your solution can adjust reading materials to improve comprehension, possibly through different modes of interaction or personalization. Think about how to integrate this into existing learning environments while addressing the specific needs of these students.