



Innovations of Tomorrow, Delivered Today.

AI Projects and Use Case



Sparkout Tech's

Expertise in AI

Sparkout Tech specializes in AI-powered solutions, enhancing automation and efficiency across industries like finance, healthcare, and travel. Our expertise includes Conversational AI, NLP, Computer Vision, and Intelligent Document Processing. Delivering intelligent AI solutions to solve complex business challenges, we develop AI chatbots, fraud detection, and predictive analytics tools, driving smarter decision-making and seamless digital transformation.



01

AI Document Solutions

Smart Extraction & Translation

- Project Name

AI-Powered Document & PDF Solutions

- Location

Global

- Focus

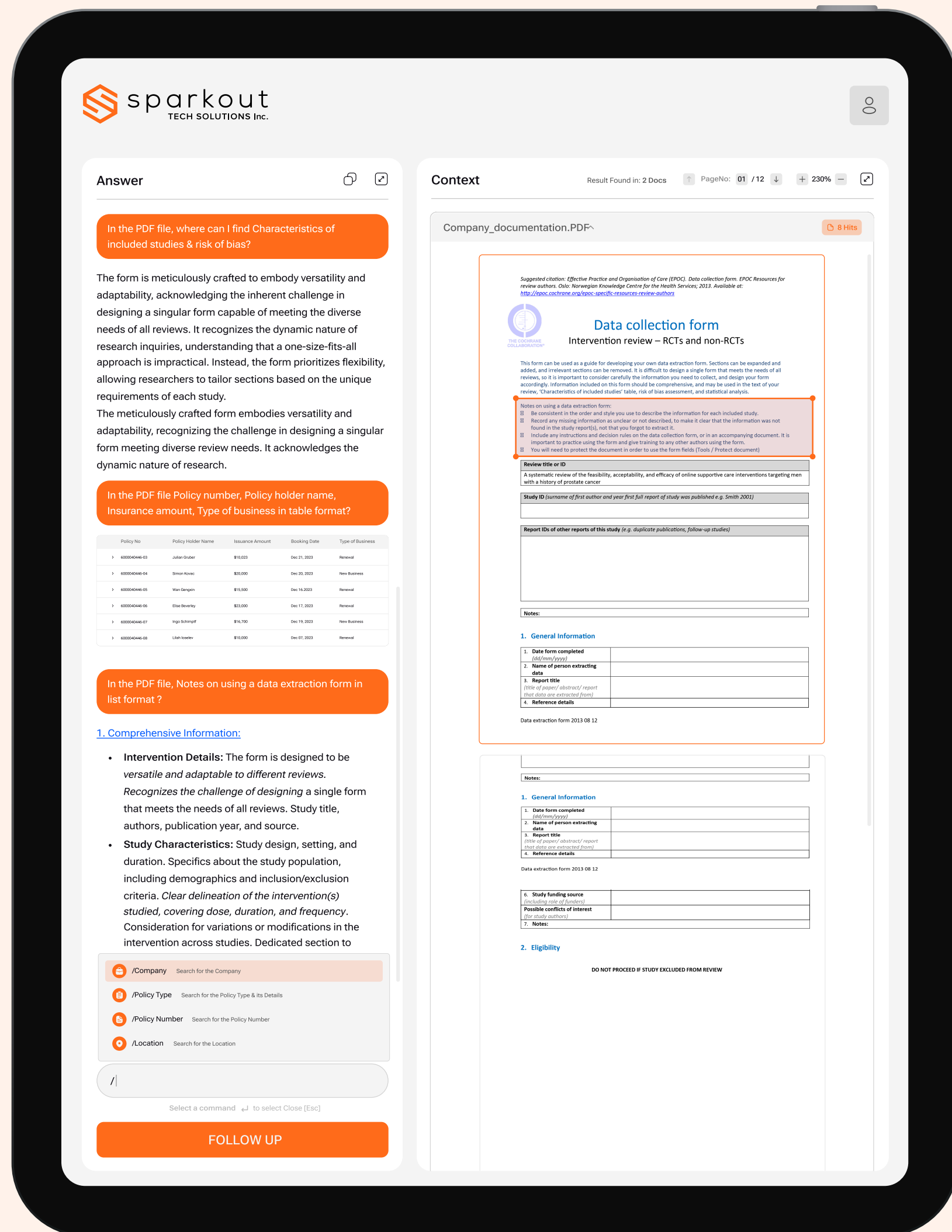
**AI Document Processing,
Extraction & Translation**

- Project Description

Sparkout Tech offers AI-powered solutions for document processing, PDF extraction, translation, and intelligent search. Our AI automates data extraction, classification, and multilingual translation while preserving formatting. It enhances searchability and enables fast, precise data retrieval from complex documents, improving efficiency and accuracy.

Problem Statement

Industries struggle with manual data extraction, slow document processing, ineffective search, and time-consuming retrieval. Extracting data from unstructured PDFs is complex, causing errors, delays, and high costs. Manual PDF translation is slow and costly, with poor formatting. Traditional search lacks context, making information hard to find. Without AI-driven solutions, businesses face inefficiencies, hindering productivity and competitiveness.



Our Solution

Sparkout Tech's AI-powered document solutions enhance data processing with speed, accuracy, and efficiency.

- **Intelligent Document AI** automates extraction, classification, and structuring, reducing manual effort.
- **PDF Extraction AI** ensures precise data retrieval from complex PDFs.
- **PDF Translation AI** enables multilingual conversion while preserving formatting.
- **AI-Powered Search & Q&A** delivers instant, context-aware results.

02

Travel Hero

AI-Powered Travel Simplified



Travelguru

- Project Name

Travel Hero

- Location

Philippines

- Project Description

Travel booking is complex and time-consuming, requiring manual searches and lengthy modifications. The lack of automation and personalization leads to inefficiency, delays, and a frustrating user experience.

- Website Link

travelhero.ph

- Focus

**AI-powered Flight & Hotel
Ticket Booking Application**

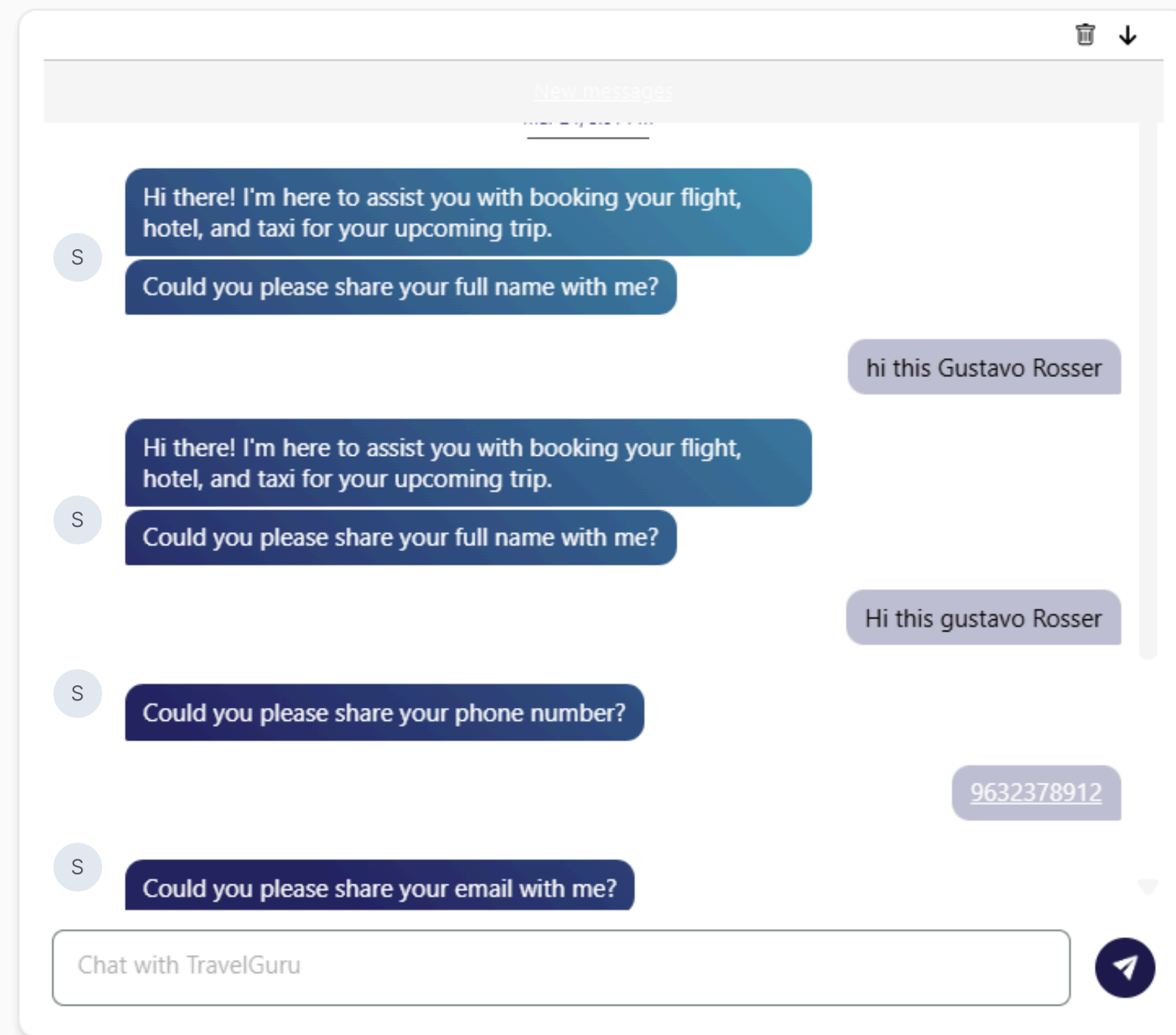
Problem Statement

Traditional travel booking is time-consuming and frustrating, requiring manual searches, complex comparisons, and tedious modifications. The lack of automation and personalization leads to delays, inefficiencies, and dissatisfaction. Travelers struggle with cumbersome booking changes and no real-time assistance, making the process inconvenient. Without AI-driven support, finding the best travel options becomes challenging, resulting in a frustrating, suboptimal booking experience.



Your Dream Getaway Awaits: Book Your Journey Today

Plan, Book, and Explore Seamlessly with Our AI Travel Chatbot Beta



Our Solution

Travel Hero utilizes AI-powered chatbots, intelligent search, and automated booking management to simplify travel planning. It provides personalized recommendations, seamless modifications, and real-time assistance, eliminating delays and frustration. With smart automation and user-centric design, it enhances efficiency, making travel booking faster, smarter, and more convenient. By streamlining the process, it ensures a hassle-free, intuitive, and stress-free experience for travelers worldwide.

03

MineX

AI-Driven Smart Mine Marketplace

theminechange

- Project Name

MineX

- Location

Australia

- Project Description

MineX offers an AI-powered marketplace for seamless mine transactions, enhancing searchability by understanding user intent. It ensures accurate search results, creating an efficient, user-friendly experience.

- Website Link

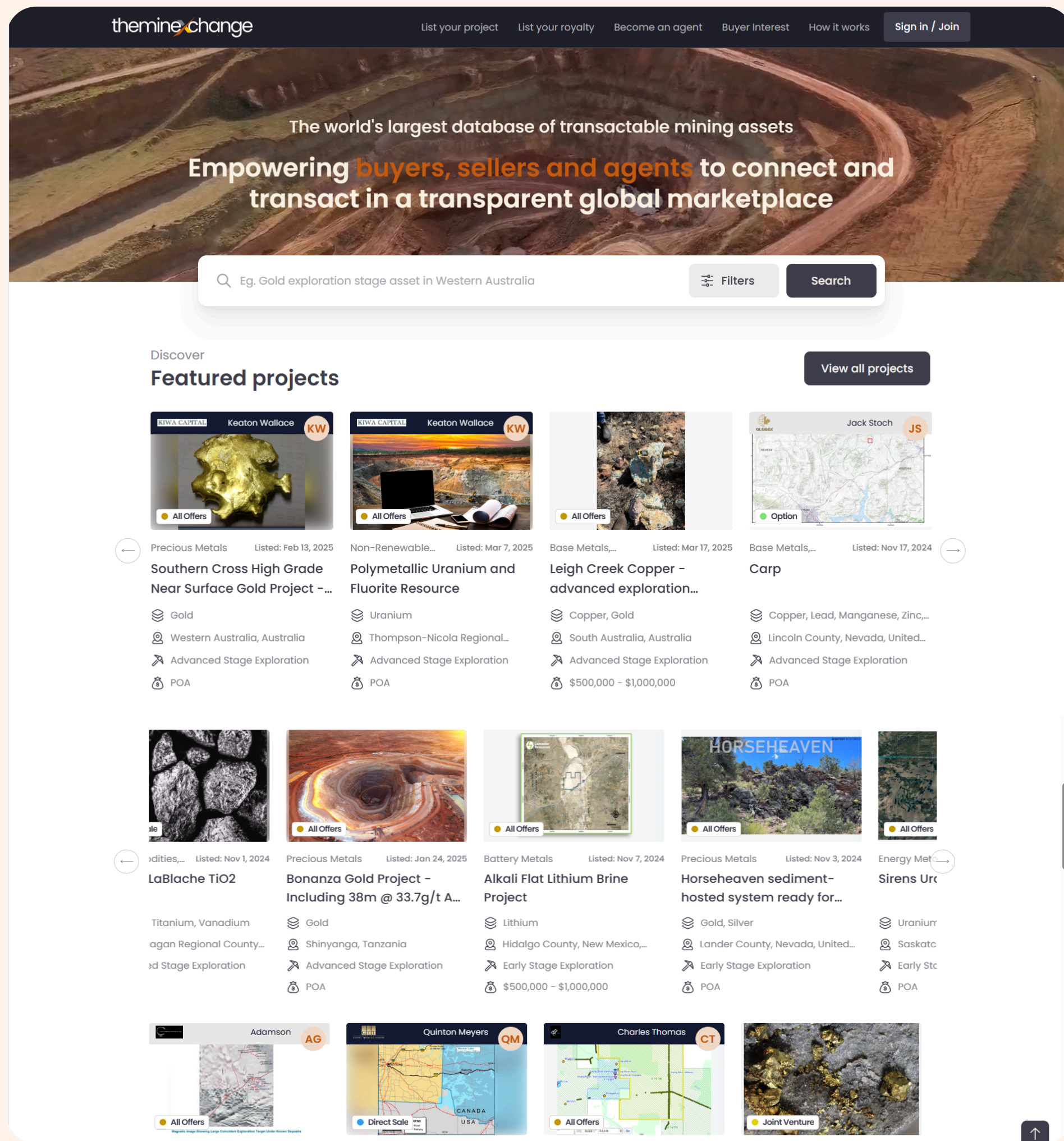
themineexchange.com

- Focus

AI-Driven Marketplace for Buying & Selling Mines

Problem Statement

The mining industry lacks an efficient and intelligent marketplace for buying and selling mines, leading to slow, complex transactions and limited market transparency. Traditional search options are limited, rigid, and fail to meet buyers' needs, causing missed investment opportunities and delays. Without AI-driven automation, real-time insights, and personalization, users struggle to find relevant listings, resulting in inefficiency, poor user experience, and reduced market accessibility.



Our Solution

MineX leverages AI-powered search, smart filtering, and automated data processing to streamline mine transactions. It provides personalized recommendations, accurate listings, and seamless buyer-seller interactions, ensuring a smooth and efficient experience. By eliminating traditional search limitations, MineX enables users to find relevant mines quickly and accurately. With AI-driven precision, it enhances speed, accuracy, and user satisfaction, making the mining marketplace more intelligent, efficient, and reliable.

04

Mental Health Assessment

AI-Driven Mental Health Screening

- Project Name

Mental Health Assessment

- Website Link

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- Location

Global

- Focus

AI-Powered Mental Health Screening & Early Detection

- Project Description

The AI-powered Mental Health Assessment tool offers automated screening, analysis, and recommendations. Using NLP and behavioral analysis, it detects early mental health signs, enabling timely intervention and connecting users to resources.

Problem Statement

Mental health issues often go undiagnosed due to a lack of accessible, timely, and personalized assessments, leading to worsening conditions, increased risks, and reduced quality of life. Traditional evaluation methods are time-consuming, costly, and dependent on human intervention, causing delays in diagnosis and insufficient mental health support. Without AI-driven screening, early detection and intervention remain challenging, resulting in unaddressed mental health concerns.



Our Solution

The AI-powered Mental Health Assessment tool enables automated screening, real-time analysis, and personalized recommendations. Using NLP and behavioral analysis, it detects early mental health signs, allowing timely intervention and proactive care. It ensures quick, accessible, and confidential assessments, helping users connect with mental health resources, reducing delays in diagnosis, and improving overall mental well-being through AI-driven insights, continuous monitoring, and support.

05

Personalized Text-to-Speech

AI-Driven Expressive Speech & Animation

- Project Name

Personalized Text-to-Speech

- Location

Global

- Project Description

The Personalized Text-to-Speech solution enhances speech synthesis with expressive AI voices, avatars, and animations. Users can adjust tone, pitch, and speed, making interactions more engaging and natural.

- Website Link

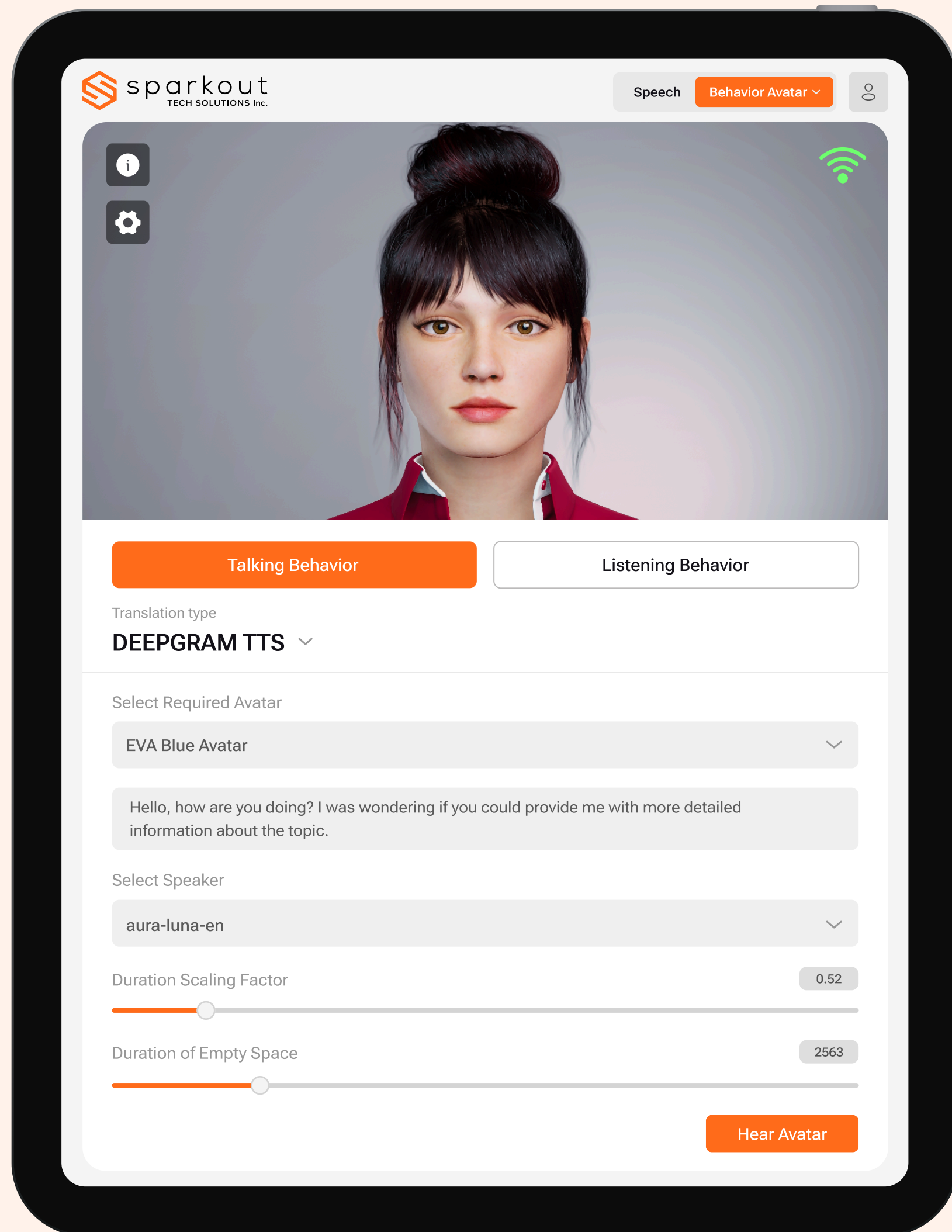
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- Focus

AI-Powered Expressive Speech

Problem Statement

Traditional text-to-speech (TTS) systems lack interactivity, emotional expression, and personalization. They often sound robotic and monotonous, failing to convey natural speech dynamics, limiting usability in applications requiring nuanced communication. Without emotional variation, users struggle to connect with synthesized speech. Static TTS models and lack of adaptability create challenges for those relying on TTS for communication, education, and assistive technologies.



Our Solution

This AI-powered system synchronizes text with dynamic avatars, incorporating lip-syncing, facial expressions, and body language for a natural experience. It uses advanced voice synthesis with intonation and pitch variations, enhancing engagement, accessibility, and personalization. Users can customize voice tone, speed, and style, ensuring expressive, human-like interactions. Supporting multiple languages and accents, it provides a seamless, interactive experience across various applications.

06

AI Assistance for Insurance Claim

Faster, Smarter Claim Processing

- Project Name

AI Assistance for Insurance Claim

- Location

Global

- Project Description

Insurance claims are slow, error-prone, and frustrating. Manual data entry, long wait times, and limited customer support lead to delays, errors, and inefficiencies, making the process difficult for policyholders.

- Website Link

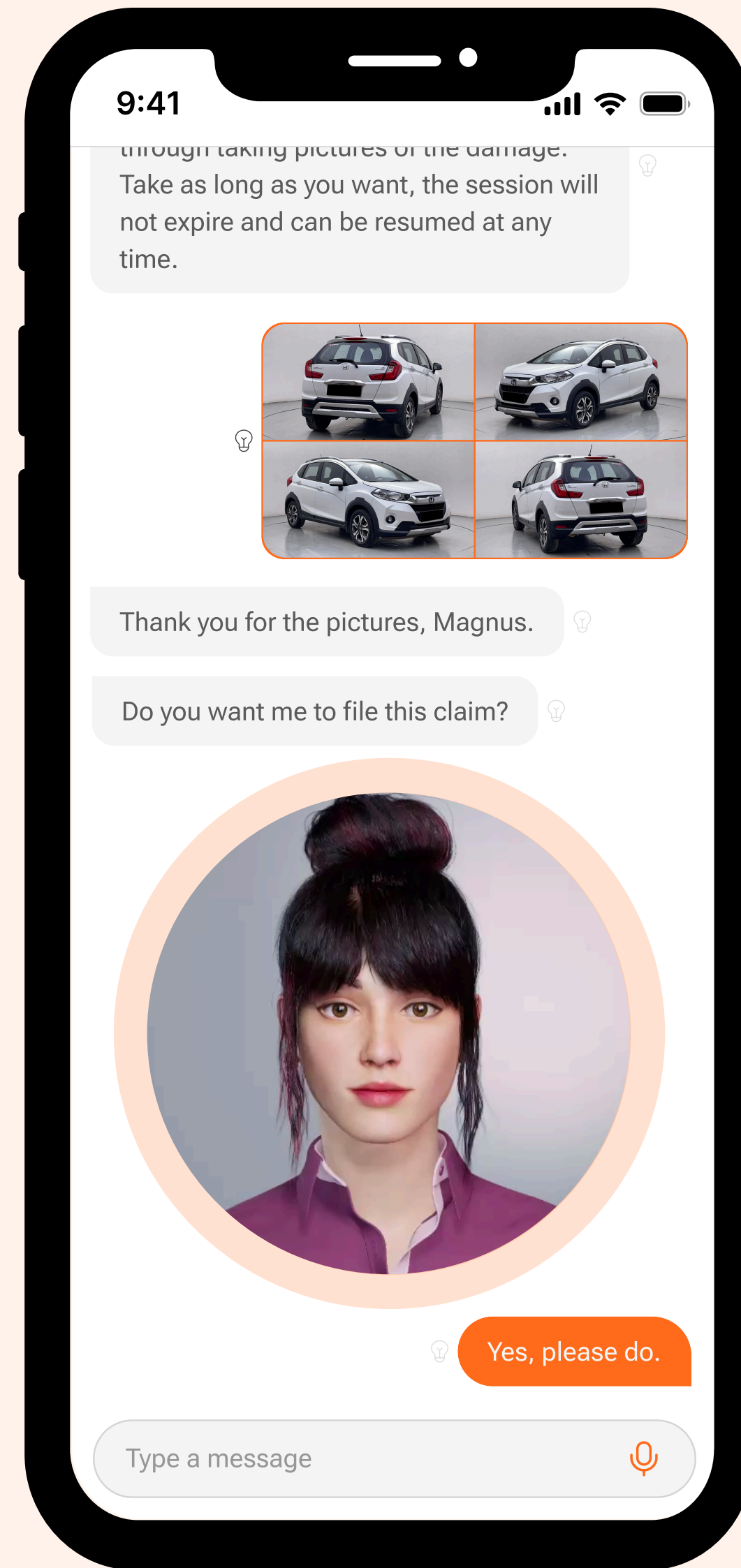
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- Focus

AI-Driven Insurance Claims Automation

Problem Statement

Traditional insurance claims processing is time-consuming & inefficient, requiring extensive paperwork, manual data entry, & long wait times. Errors in submissions can cause disputes & delays. Limited customer support, especially outside business hours, makes it difficult for policyholders to get timely assistance. Additionally, understanding policy coverage can be complex, leading to confusion. An AI-driven system is needed to automate claims, reduce errors, & enhance user experience with real-time support.



Our Solution

The AI-powered insurance claim assistant automates filing, data validation, and fraud detection, reducing errors & processing time. A chatbot guides users through claims, provides real-time updates, and answers queries. AI-driven validation ensures accuracy, while 24/7 virtual assistance improves support. The system also analyzes claim patterns to detect anomalies & prevent fraud. This intelligent solution streamlines claims, boosts efficiency, & enables faster, hassle-free settlements for insurers & policyholders, enhancing experience.

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