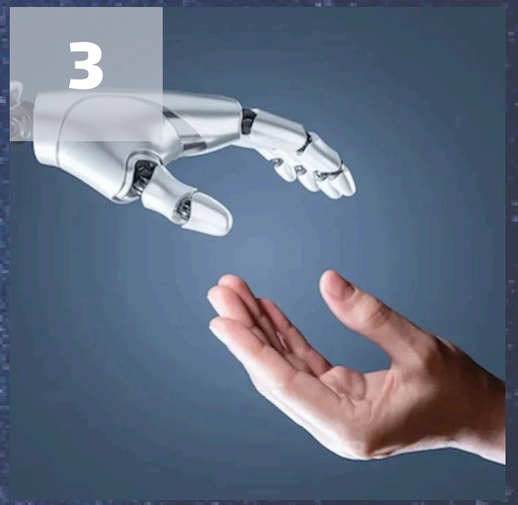

VISION
EYES ON NEAR SPACE

The problem

Despite significant advancements in space exploration, our understanding of how the universe evolved over time remains fragmented. Current astronomy tools and simulations:

Lack interactivity :
Most available solutions rely on static models rather than immersive experiences.

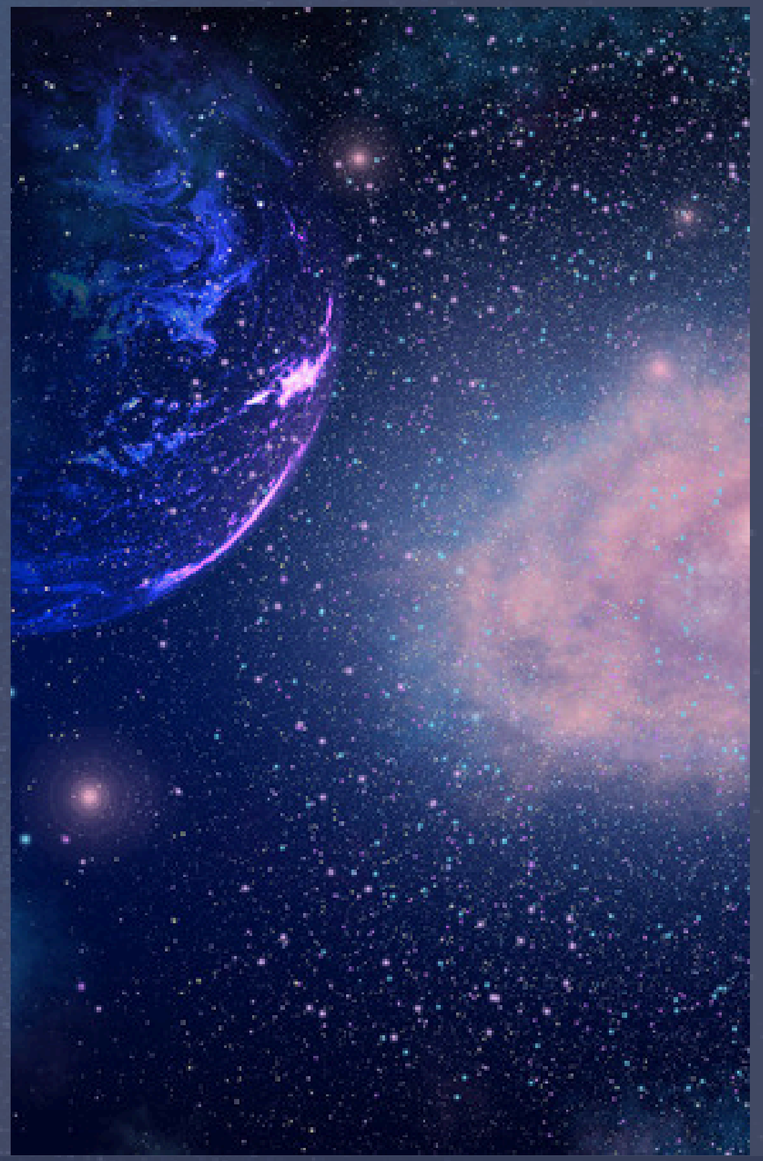
Do not simulate past and future cosmic events: Existing software cannot effectively predict galaxy evolution using AI



Are not accessible to the public : High-level scientific data is often difficult for non-experts to explore and understand.

The Innovative Idea

VISION is an advanced AI agent that allows users to time travel through the universe using intelligent simulation based on real astronomical data. It provides an interactive experience where users can witness how galaxies, planets, and black holes evolve over millions of years, offering an immersive and thrilling way to explore the cosmos.



What Makes It Innovative?

Universe Evolution Simulation:

Users can observe the formation of the Milky Way, star evolution, and even predict the future of galaxies using AI.

Interactive 3D Experience:

With AR/VR technologies, users can explore nebulae, galaxies, and cosmic collisions as if they were at the heart of the event.

Deep Scientific Analysis:

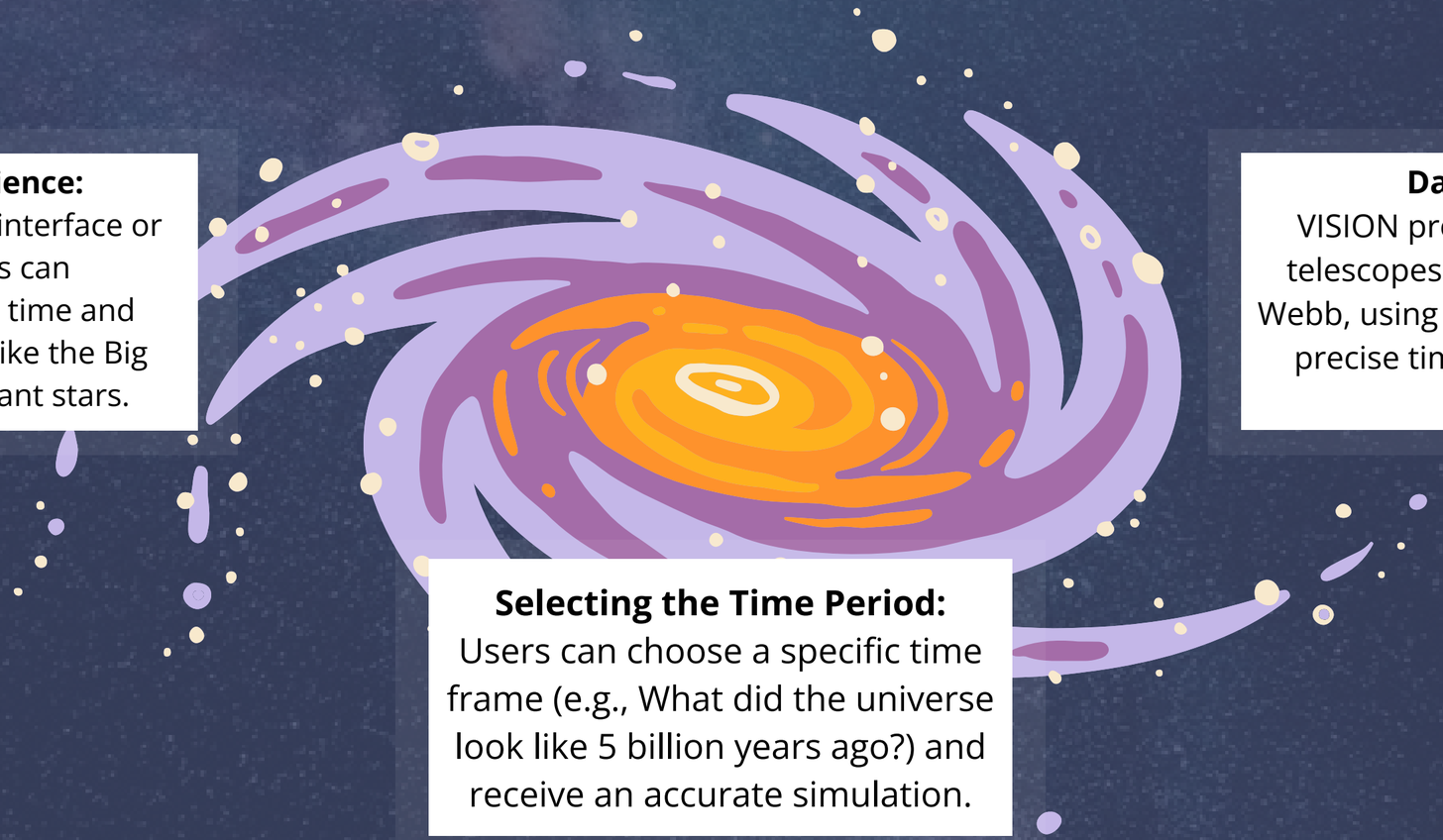
VISION enables researchers to study the evolution of stars and planets over time using data from NASA and the European Space Agency (ESA).

Exploring Dead Stars & Lost Planets:

AI predicts the locations of celestial bodies that have disappeared due to vast distances and time.

How Does VISION Work ?

Interactive Experience:
Through a user-friendly interface or VR headsets, users can â€œtravelâ€ through time and witness cosmic events like the Big Bang or the birth of giant stars.



Data Collection:
VISION processes live data from telescopes like Hubble and James Webb, using AI algorithms to create a precise time-based model of the universe.

Selecting the Time Period:
Users can choose a specific time frame (e.g., What did the universe look like 5 billion years ago?) and receive an accurate simulation.

Target Audience

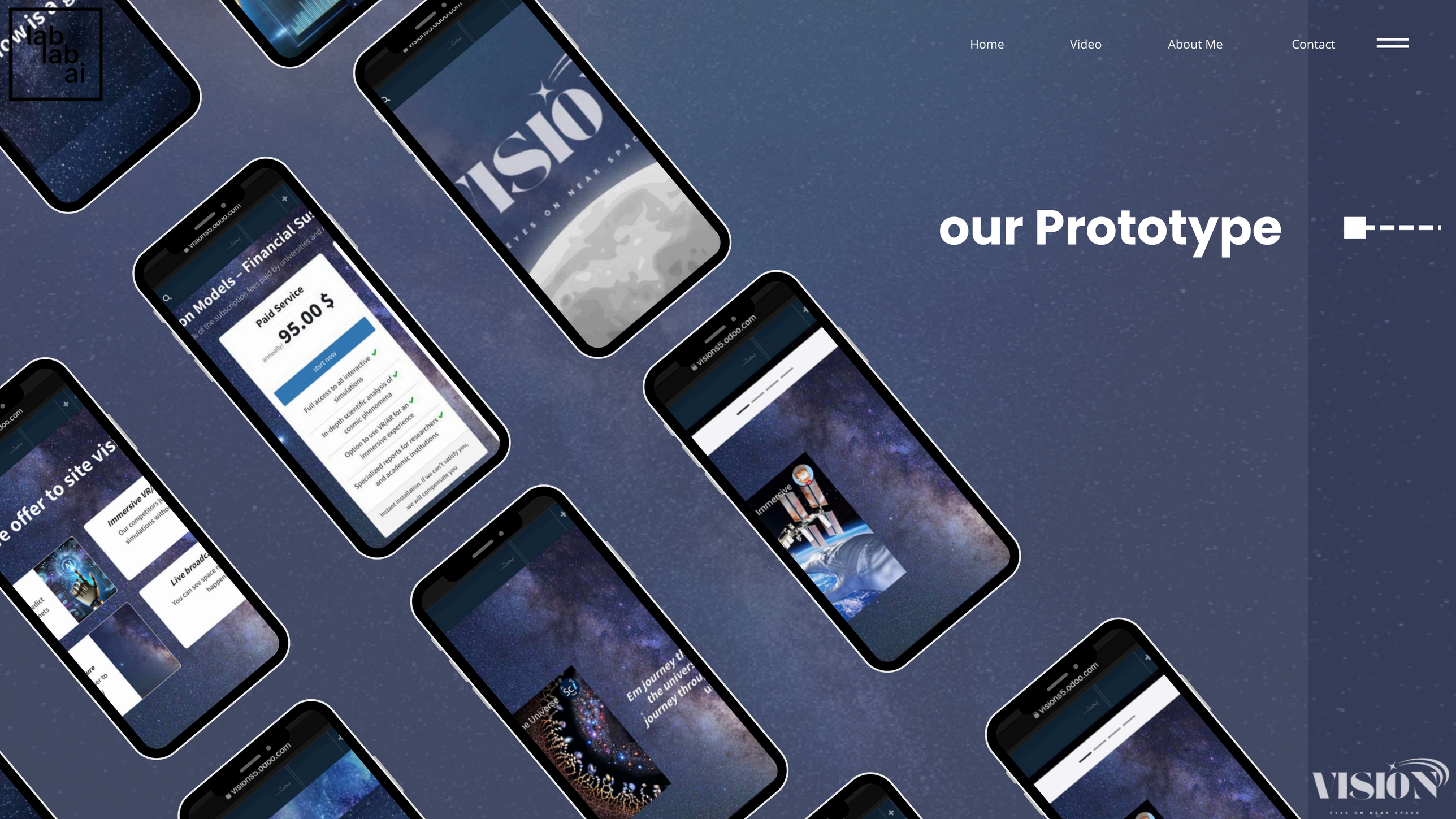
Researchers & Astronomers

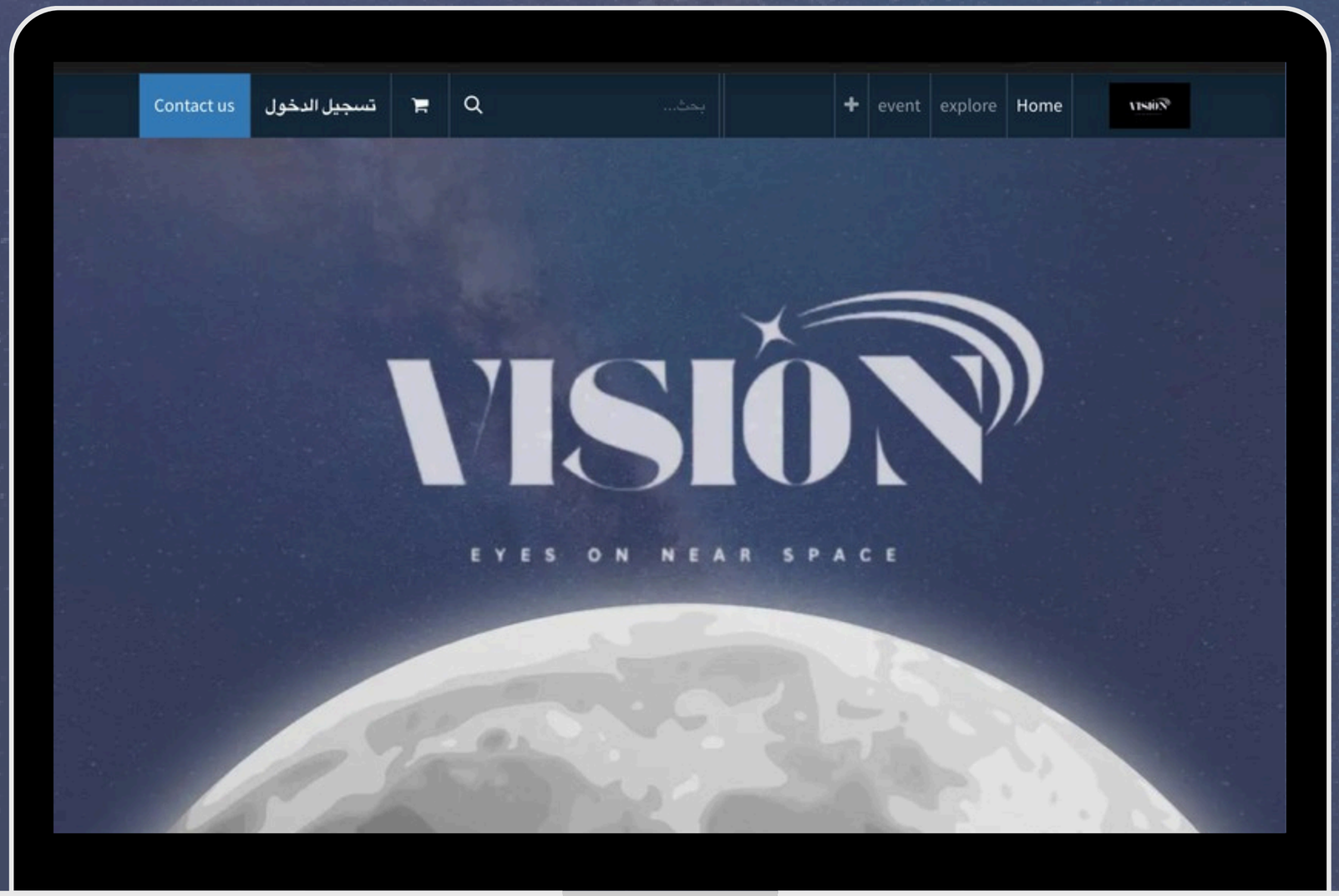
Students & Educators

Space & Technology Enthusiasts

Media Entertainment Industry

our Prototype

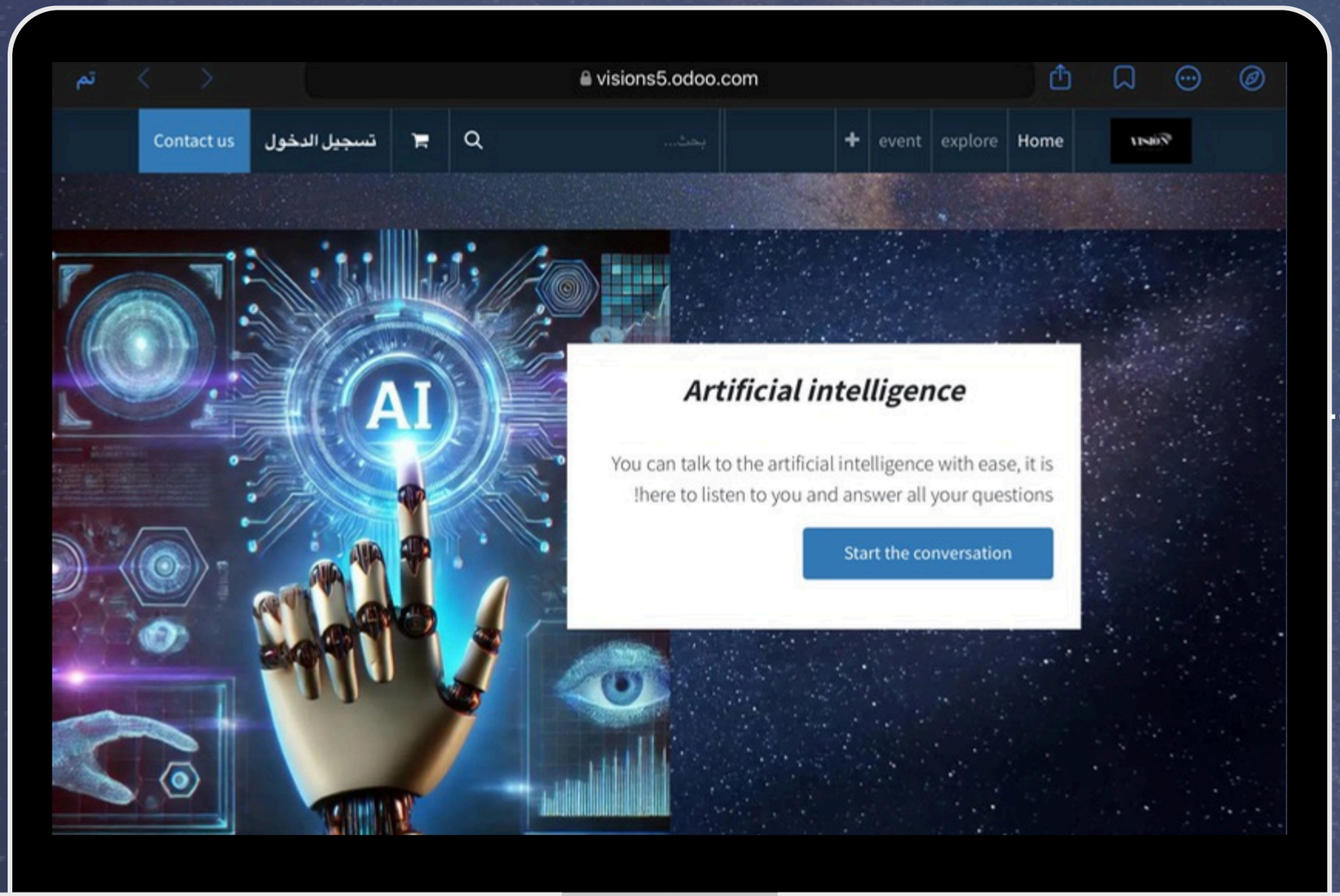




Our website

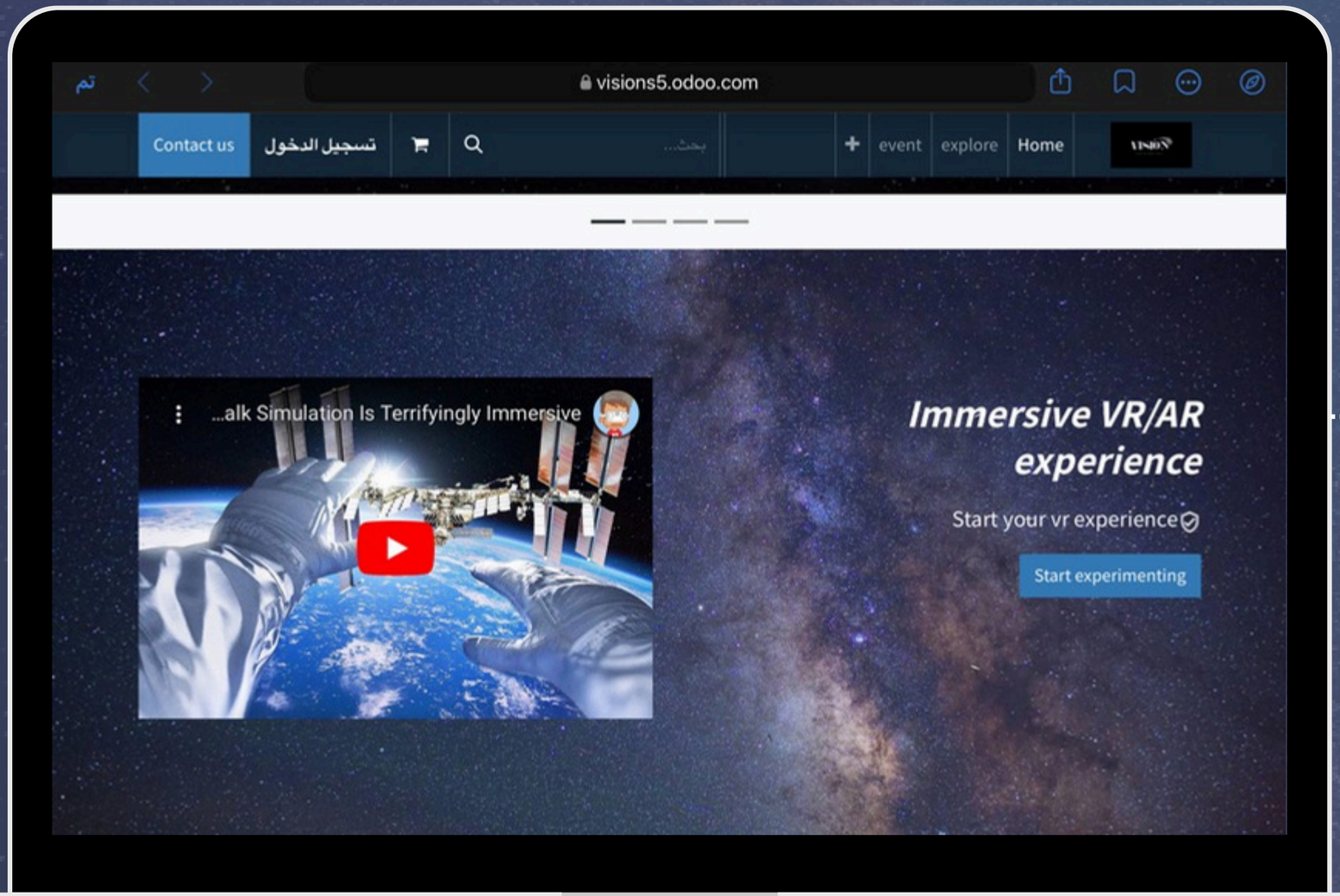
Scan here to view the site

our Prototype:



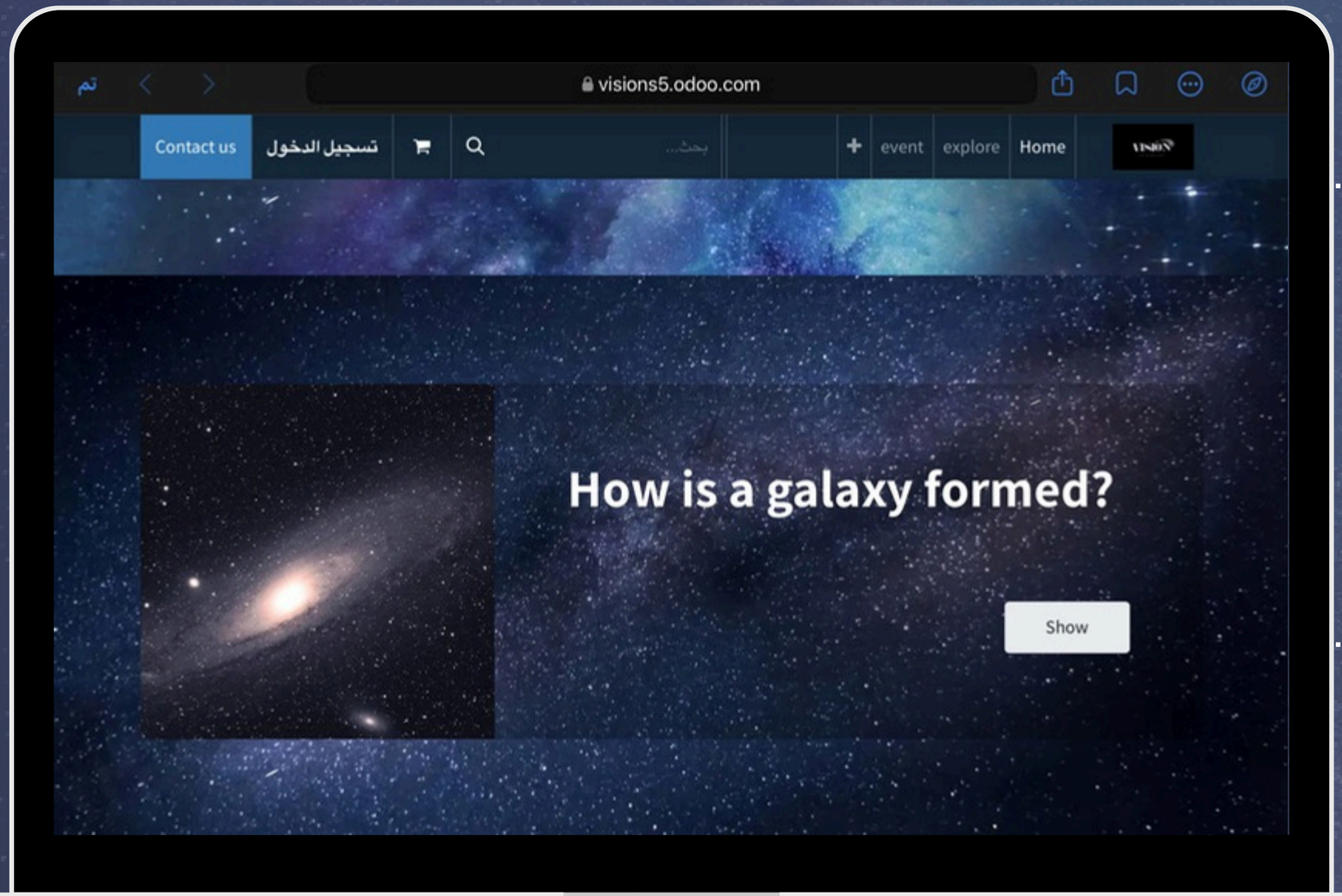
3D simulation of the evolution of the universe – from the Big Bang to the distant future

our Prototype:



Using NASA and ESA data – scientific accuracy based on real data

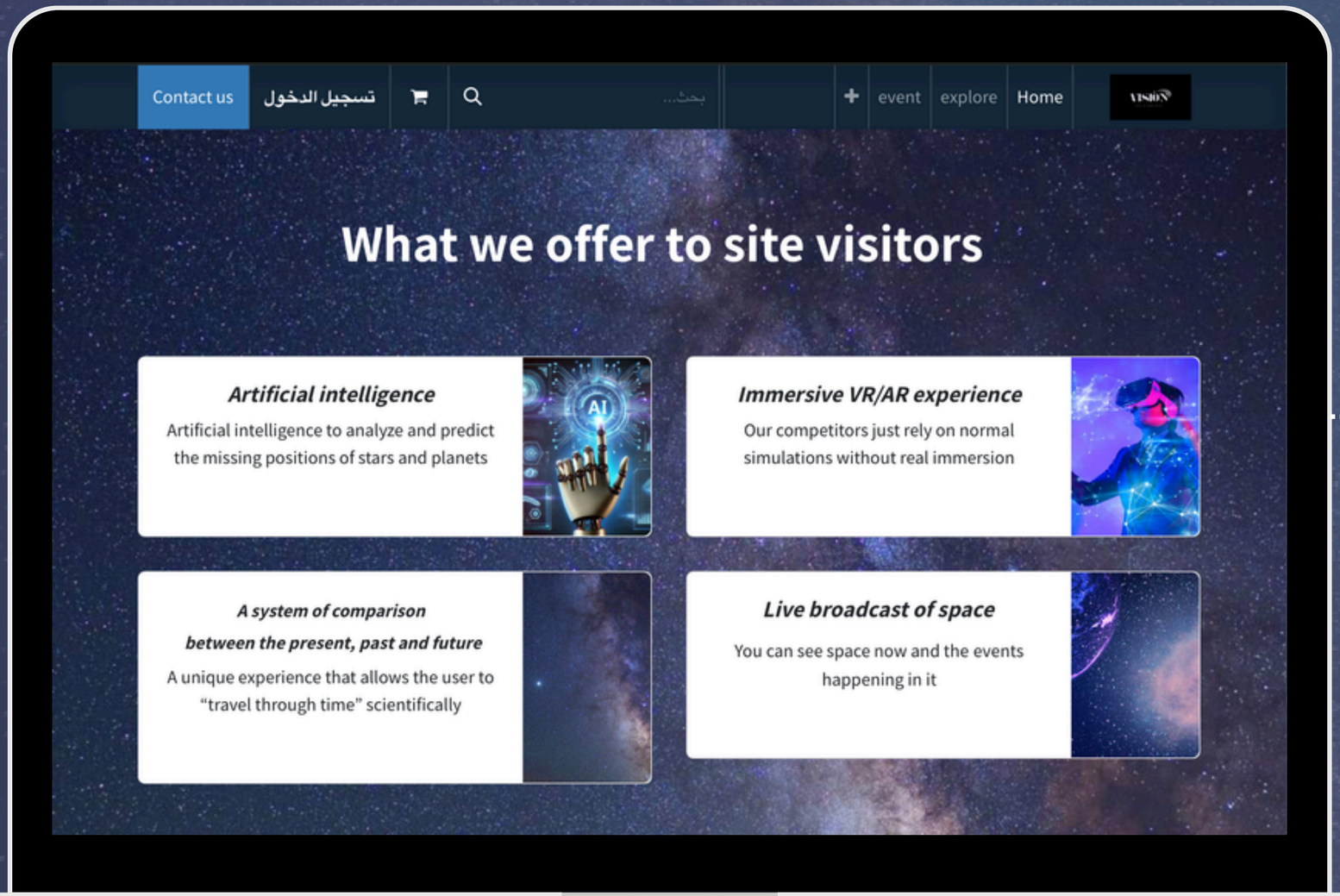
our Prototype:



Interactive Virtual Reality (VR) and Augmented Reality (AR) experience – virtual entry into galaxies and nebulae

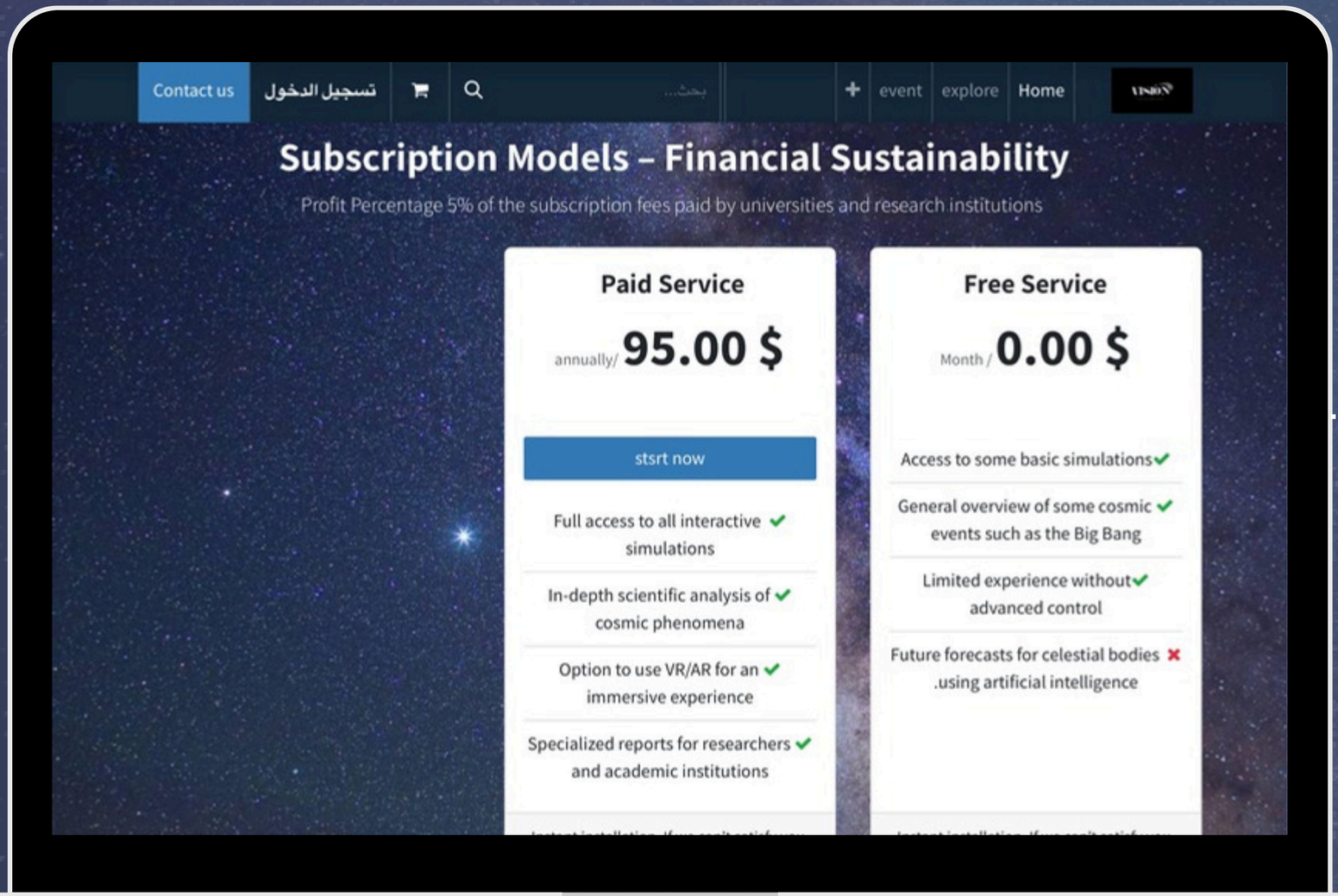
Discovering lost celestial bodies – AI predicts the locations of stars that have disappeared over time

our Prototype:



Advanced Scientific Analysis – Explore star formation, galaxy collisions, and planetary death

our Prototype:



Financial Sustainability:Commission from premium subscription fees paid by universities and research institutions.

Comparison: VISION vs. Existing Solutions

Vision	Uchuu Simulations	Universe Sandbox	Milky Way App	Feature
✓	✓	✓	✓	Universe Evolution Simulation
✓	✗	✓	✗	Interactive 3D Experience (AR/VR)
✓	✓	✗	✗	Utilization of Real Data from Space Agencies (NASA & ESA)
✓	✗	✗	✗	AI-Powered Future Galaxy Predictions
✓	✗	✗	✗	Exploration of Dead Stars & Lost Planets

Future plans

Value Proposition

Simulating the evolution of the universe over time A fully interactive 3D experience.

Exploring lost stars and exoplanets “ AI-driven cosmic discovery.

Integration with NASA & ESA data High scientific accuracy.

AR/VR immersive experience Feel like you re inside the universe.

Deep analysis of cosmic phenomena Beneficial for researchers and astronomers.

Key Partners

Space agencies (NASA, ESA)

Universities and astronomical research centers.

AI development companies
VR/AR technology providers

Science documentary production companies

Key Activities

Developing AI models for cosmic simulation.

Enhancing the AR/VR experience for immersive exploration.

ntegrating real-time data from telescopes

Building partnerships with research institutions.

Creating predictive models for cosmic evolution.

Key Resources

-AI & astronomy development teams.
-Massive database of cosmic images and data.
-Partnerships with space agencies and research institutes.
- Cloud infrastructure for data processing and storage.
-A specialized AR/VR technology team.

Customer Relationship

Customer Relationship
Free educational content for users.
Workshops and seminars for scientific research.
Scientific forums for sharing cosmic discoveries

Distribution Channels

VISION mobile app.
Web-based interactive platform.
VR/AR experiences for institutions and individuals.
Science museums and planetariums.
Documentary productions using VISION simulations.

Revenue Streams

Subscription plans for researchers and academic institutions.
Commercial licensing for space museums and science centers.
VR/AR experiences for universities and institutions.
Paid advertisements & content collaborations with documentary producers.
Additional integration fees with other scientific systems.

Cost Structure

Â AI and data processing development costs.
Access to space data from official sources.
Development and support costs for VR/AR integration.
Research and development team salaries.
Marketing and promotion expenses.

Financial Sustainability:

Free Service

-Access to basic cosmic events.

-Viewing the evolution of some galaxies over time.

-Access to general astronomical information.

0 $

Start Naw

Paid Service

-Interactive AR/VR cosmic experience.

-Detailed analysis of galaxies and exoplanets.

-AI-driven predictions of future cosmic events.

350$Annually

Start Naw

Profit Percentage

commission from premium subscription fees paid by universities and research institutions.

10%

Start Naw

our team

Elham Ali Alahmari

Medical Laboratory Technology

Jory Hamed Refadah

Information Technology

Layan Mohammed Alamri

Computer Science

Sarah Saleh Almutairy

Microbiology

Thank you!