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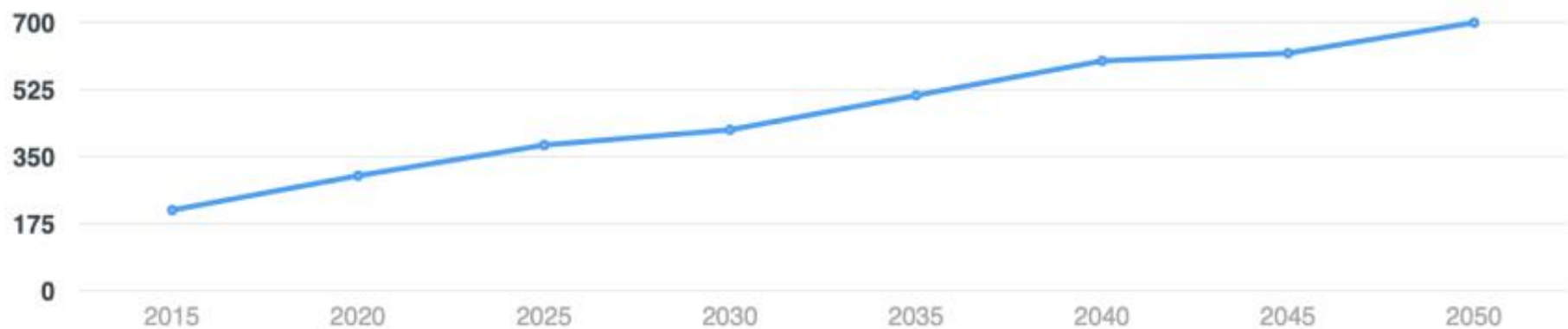
Business plan

Our team

Problem

- ▶ Over five per cent of the global population have disabling hearing loss. It means that over 450 million people have difficulty communicating with others!

by 2050 nearly 2.5 billion people are projected to have some degree of hearing loss and at least 700 million will require hearing rehabilitation.



Statistics by WHO

Our Mission

Serving all deaf and hearing loss people around the world!



SWOT Matrix

Serving all deaf and hearing loss people around the world!

S

Strength

Complete

The only platform on the market with this number of services to eliminate the need for any other ancillary platform.

Unique

UI is designed user-friendly so that everyone can communicate with it in the best way.



W

Weakness

Sign language difference

Having different kinds of sign languages in every region around the world and need of a special expert for each of them to research

AI training difficulties

Having lots of different difficulties for training and using artificial intelligence in real-time because of training volumes and accuracy that required

between **138** and **300** different types of sign language used around the globe today.

Statistic by ai-media

O

opportunity

- ✓ Giving API to different companies to serve more
- ✓ **Cooperation with international social services organizations**
- ✓ Cooperation with governmental organizations for sponsorship

T

Threats

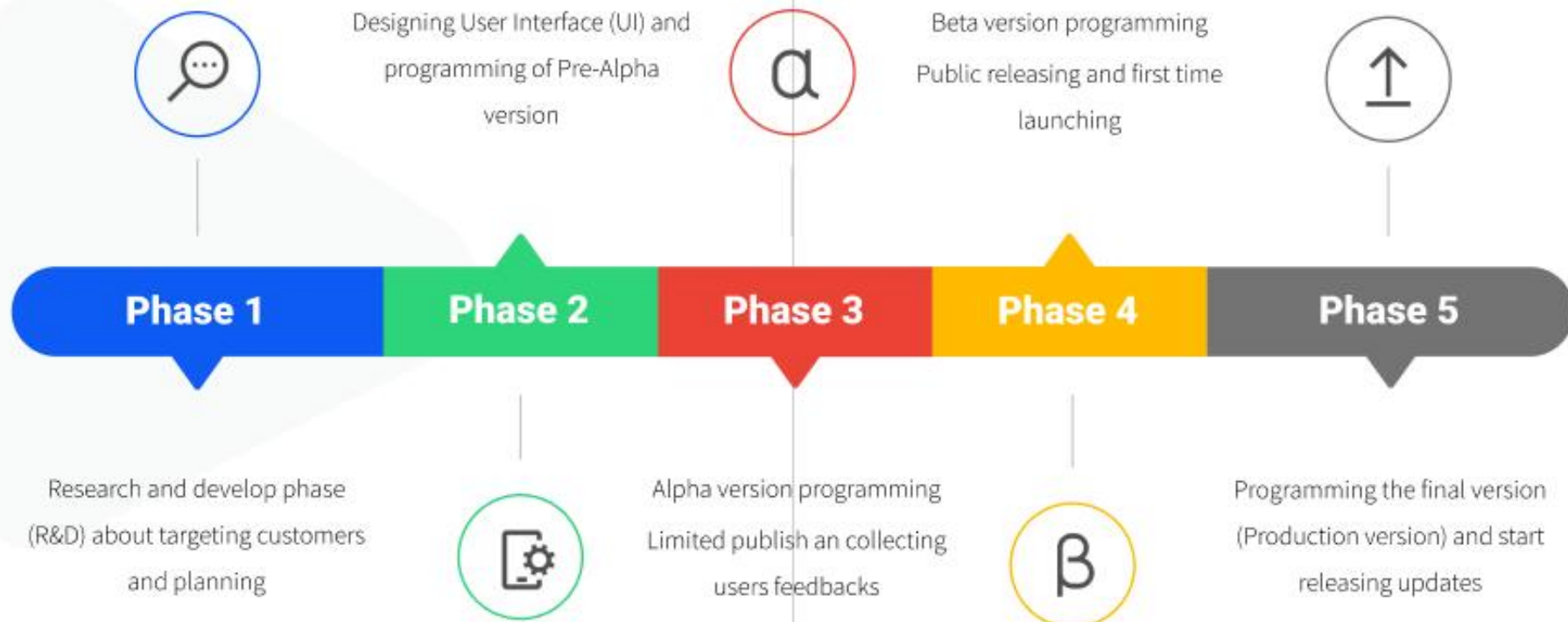
A large part of our target community is low-income people, and we need to define our revenue streams so that there is no cost pressure on users.

Only **53%** of deaf people are employed!

Statistic by statista

Road Map

AISA road map





Jan 2021 - March 2022

Phase 1

Research and Development

In this stage, our team embarks on an exciting exploration of ideas and possibilities. We delve deep into the world of communication and the needs of individuals with disabilities. Through extensive research and brainstorming sessions, we lay the foundation for a groundbreaking application that will revolutionize how users interact with others.

Jan 2021

Where it all began...

The story behind the beginning of AISA project.

As we watched the mesmerizing sign language performance unfold before my eyes, a profound realization struck us. The deaf and hearing loss community deserved a celestial connection to the wonders of space. Fueled by passion, we embarked on a mission to revolutionize their communication journey, weaving together the realms of technology and inclusivity. Together, we would transcend barriers, reaching for the stars and beyond, creating a brighter future for all.

April 2022

AISA Features Usage

In this stage, our team embarks on an exciting exploration of ideas and possibilities.



Sign Language Translator

Our Sign Language Translator feature empowers users to effortlessly translate sign language into text, fostering seamless communication between hearing and deaf individuals.



Speech to Text

Our Speech to Text feature enables individuals with hearing loss to comprehend conversations by converting spoken words into text, fostering inclusive communication in various settings.



Text to Speech

Our Text to Speech feature enables individuals who are unable to speak to communicate more efficiently by converting written text into spoken language, facilitating smoother conversations and interactions.



Media upload

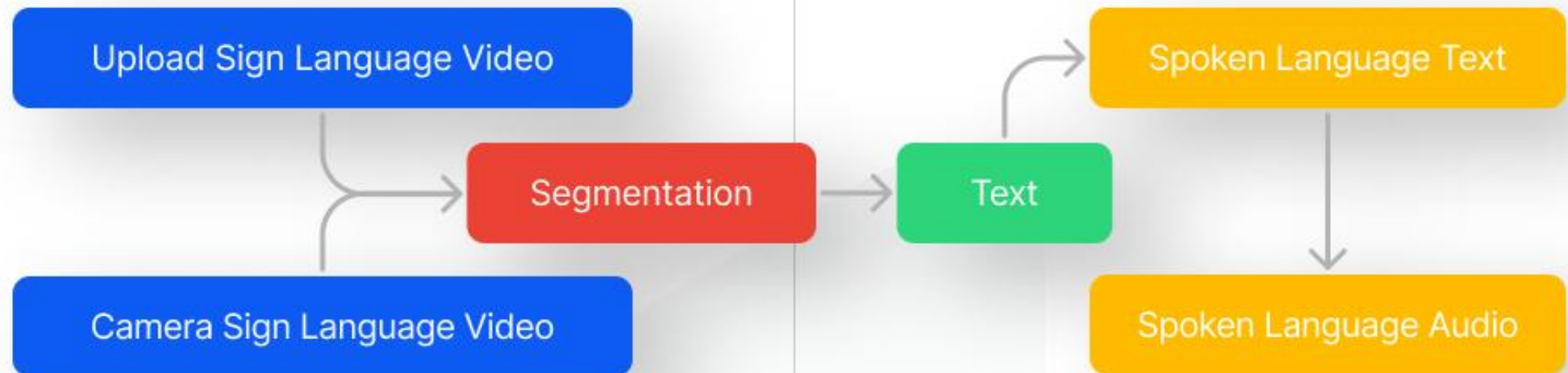
With our Media Upload feature, users can effortlessly upload voice and video content, receiving simplified transcripts for easy accessibility and understanding.



Text translator

Our Text Translator feature allows users to seamlessly translate text, eliminating the need for additional applications during conversations, even across different languages.

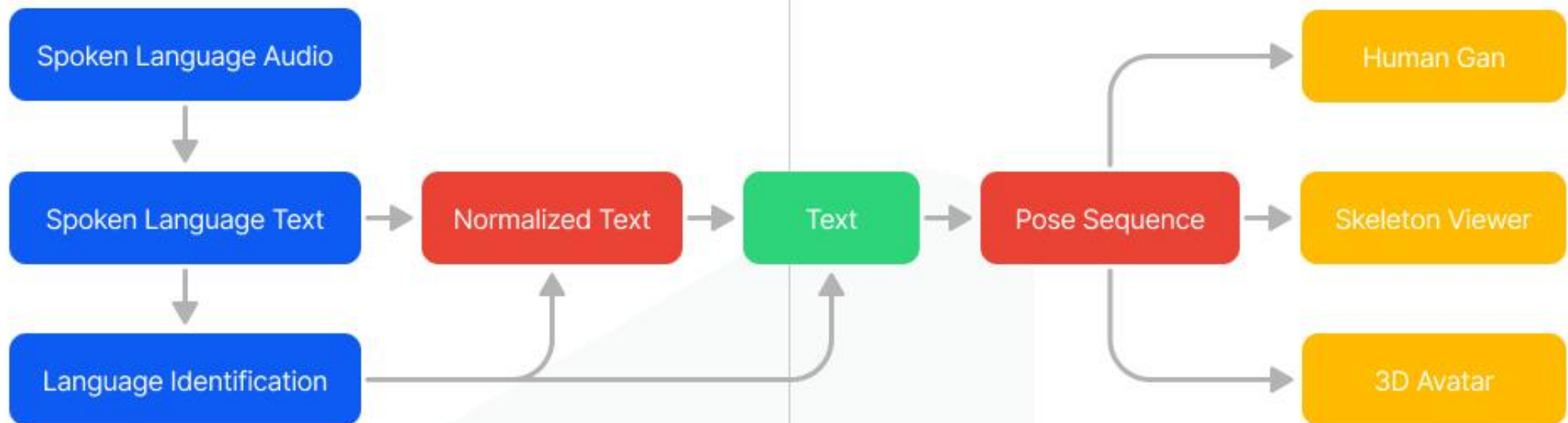
April 2022



Revolutionary AISA Algorithm

Harnessing the power of AI, our proprietary model combines computer vision and advanced algorithms to accurately translate American Sign Language (ASL), paving the way for inclusive communication.

April 2022



Online meeting Algorithm

Enhancing accessibility for the deaf, our technology converts meeting conversations into live transcripts or real-time Sign Language through a 3D avatar, enabling seamless participation in online meetings.



March 2022 - Continue

Phase 2

Pre - Alpha version

AISA is a comprehensive communication platform that, in addition to meeting all the communication needs of DHL people, also provides much more capabilities for communication, improving life and behavioral skills to reducing anxiety promote educational justice.

- Deaf and Hearing Loss (DHL)

July 2021



First version of the logo

Our logo, a serene blue infinity symbol, represents boundless communication. The soothing light blue color evokes a sense of calmness, creating a tranquil atmosphere for users to explore the infinite wonders of space technology.

AISA

July 2021



First version of User Interface

Home page

The home page of the AISA application allows users to access a variety of features, including the "Sign Language translator," "Speech to Text," and our "Media upload," within our app in a matter of seconds!



Sign Language translator

Our sign language-to-text translator bridges the accessibility gap using AI technologies.

Speech to Text

Our speech-to-text feature meticulously captures and transcribes your every word with unrivaled accuracy.



July 2021



Start & Login page

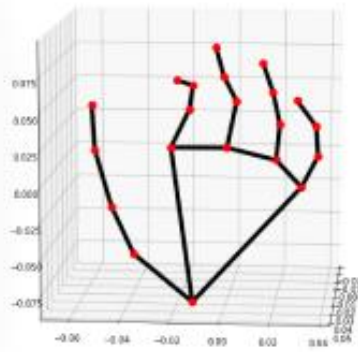
Provide your details to tailor the platform according to your preferences. We ensure a seamless and customized journey for each user, making communication accessible and effortless.



Talk page

Effortlessly express yourself on the Talk page. Use your phone's keyboard to type your thoughts, instantly converting them into text for seamless communication with hearing individuals. Connect, share, and be heard in this page.

August 2021



First version of the image Processing Algorithm

Through the fusion of advanced AI algorithms and precise computer vision, we empower seamless translation of American Sign Language gestures into accurate written text, fostering inclusive communication.



First version of the AISA app

A new era of inclusive communication begins as we unite these groundbreaking features into one application, privately launching with select users for comprehensive user testing.

August 2021



First public introduction of AISA

Through meticulously designed brochures and more, we showcased our product's concept in public, gathering valuable insights to enhance its quality and impact.



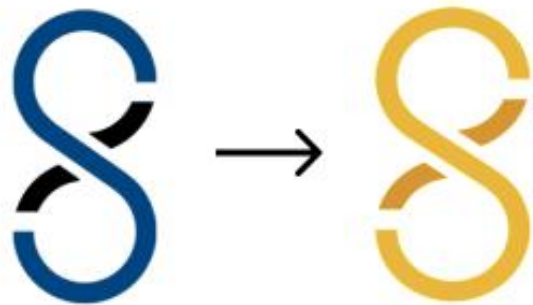
Award:

**Awarded as top 20 ideas in
"Khwarizmi International Award"**

Out of 2,300 projects, we proudly advanced to the national round of the esteemed "Khwarizmi International Award," securing a coveted spot among the top 100 teams and ultimately earning recognition as one of the top 20 projects in computer science category.



April 2022



The new design system

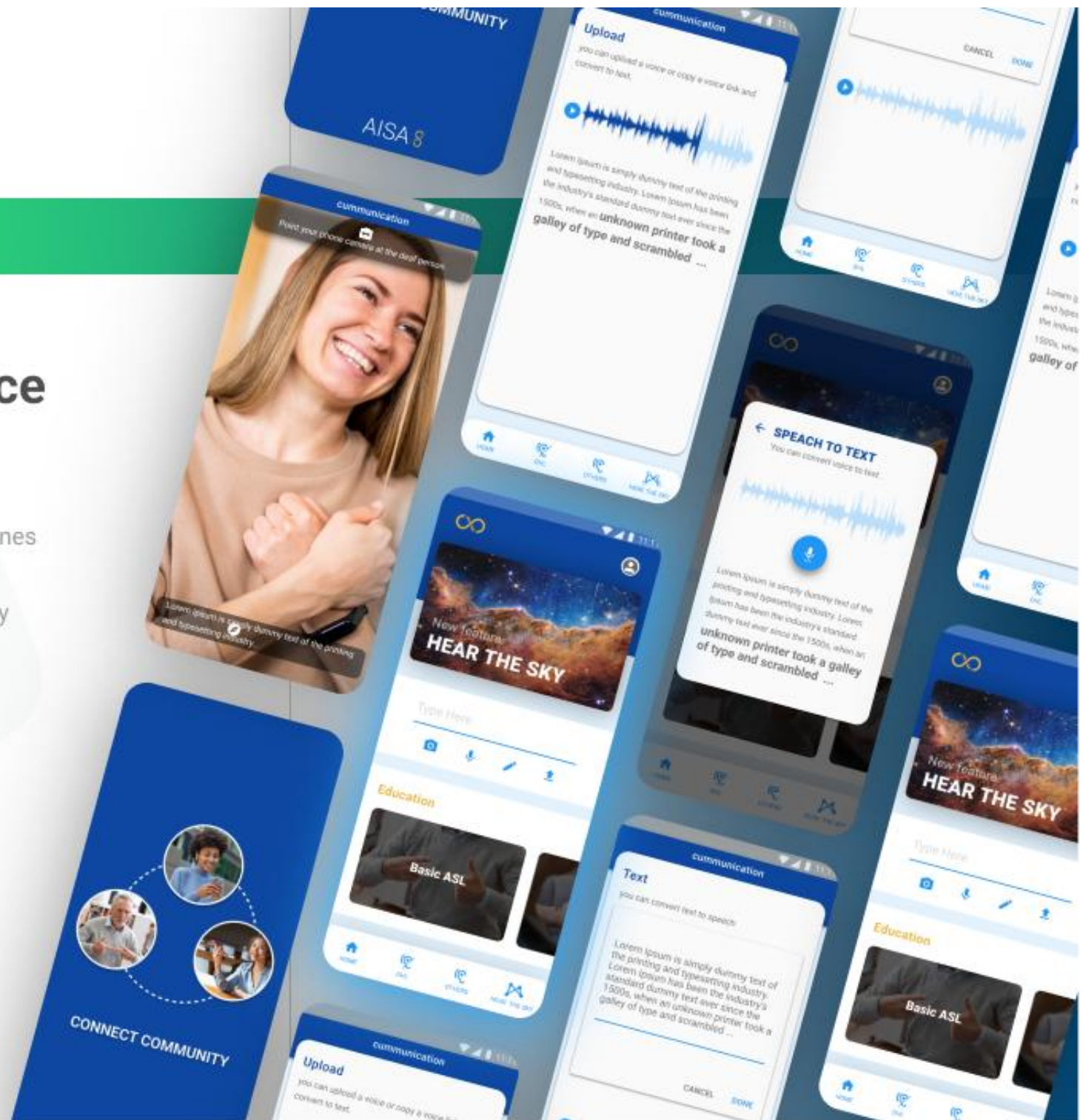
After conducting meticulous A/B testing, we identified areas in AISA's design system that warranted improvement, leading to a transformative revamp for a more seamless and engaging user journey.

AISA 

April 2022

New User Interface design

Our new User Interface design combines intuitive navigation, visually pleasing aesthetics, and improved accessibility features, ensuring a seamless and engaging interaction with the AISA application.

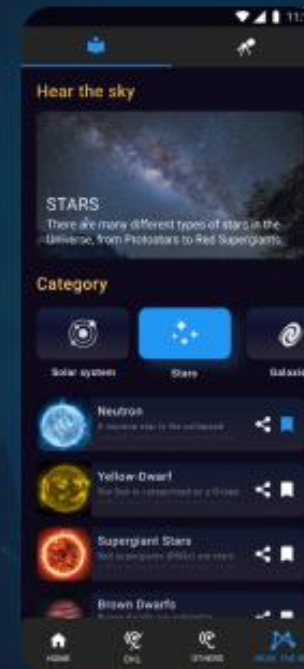


April 2022



New program: **HEAR THE SKY**

This groundbreaking program utilizes the power of AI and NLP technologies to deliver captivating text-based storytelling, empowering individuals with hearing disabilities to explore and learn about the vast realms of space.



Space Stories

Unveil celestial objects, delve into their intricacies, and absorb astronomical knowledge through our AI-powered text-based experience.

Space forum

Explore captivating nebulas, galaxies, and planets while gaining valuable insights through this immersive platform.



May 2022

New Dark mode website design

Step into the shadows with our redesigned Dark Mode website. Immerse yourself in an elegant and visually soothing experience, as the celestial beauty of our space exploration unfolds before you.



Artificial Intelligence Sign Language Assistant

Introducing the world's first AI-powered sign language assistant. It's the most powerful tool for deaf and hearing people to communicate.

Get more



Organization Trusted Us



International Astronautical Union



International Astronautical Union



International Astronautical Union

300

International Astronautical Union

466M

International Astronautical Union

48M

International Astronautical Union

2M

International Astronautical Union

Our Services



ASL To Text

Introducing the world's first AI-powered sign language assistant. It's the most powerful tool for deaf and hearing people to communicate.



Hear The Sky

Introducing the world's first AI-powered sign language assistant. It's the most powerful tool for deaf and hearing people to communicate.



Speech To Text

Introducing the world's first AI-powered sign language assistant. It's the most powerful tool for deaf and hearing people to communicate.



Activity Tracker

Introducing the world's first AI-powered sign language assistant. It's the most powerful tool for deaf and hearing people to communicate.



Voice Uploader

Introducing the world's first AI-powered sign language assistant. It's the most powerful tool for deaf and hearing people to communicate.



Text To Speech

Introducing the world's first AI-powered sign language assistant. It's the most powerful tool for deaf and hearing people to communicate.



Connect Community

No more! Removing communication barriers between deaf and hearing people



Connect Community

No more! Removing communication barriers between deaf and hearing people

Complete

Lorem ipsum is simply dummy text of the printing and typesetting industry.



DHL

convert text to voice & upload it in real time.



Hearing

translate ASL to text and convert voice to text

Our goals



AISA 8

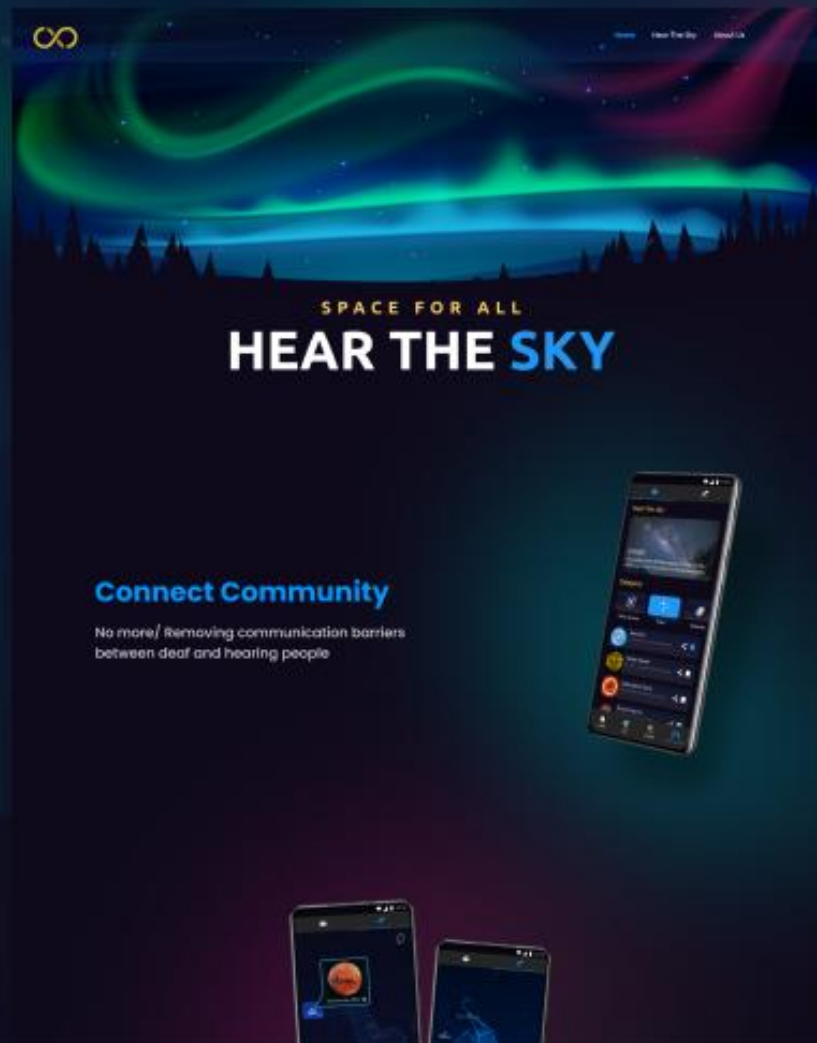
AISA 8

AISA 8

AISA 8

AISA 8

May 2022



Award:

Invited to the CAP Conference with
the Abstract of "Hear The Sky"



Proudly invited to the prestigious CAP Conference, we present the abstract of our project, "Hear The Sky," unveiling the transformative power of AI in enhancing space exploration accessibility for individuals with hearing disabilities.



International
Astronomical Union
Sydney, AUSTRALIA



Macquarie University
Sydney, AUSTRALIA

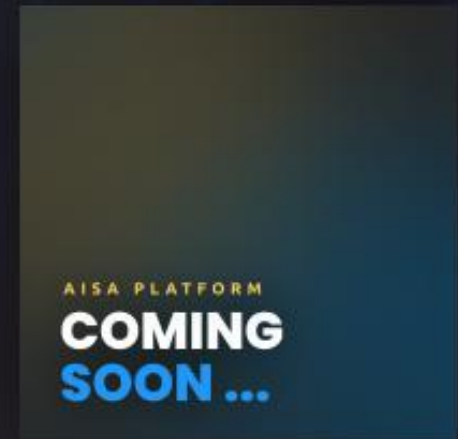


International
Astronomical Union
COMMISSION C2

May 2022

Social media launch

We have initiated our social media launch, showcasing the power of inclusive communication in the realm of space technology to a wider audience.



October 2022

New Light mode website design

Introducing our New Light Mode website design, offering a clean and bright interface that enhances readability and provides a visually pleasing experience for our users, promoting ease of navigation and engagement.

