



وادي تسمو الرقمي
TASMU DIGITAL VALLEY

INTERNET OF THINGS (IoT) – INFORMATION ACCESSIBILITY

IoT is a system of connected devices that speak to and interact with each other and other networks to improve the way our lives and businesses operate

OPPORTUNITY DEFINITION | INTERNET OF THINGS | INFORMATION ACCESSIBILITY

This project aims to use sensors and other devices to extract information from various sources and to make that information accessible to those with low levels of literacy.

TARGET MARKET

Target Market

Around **466 million people worldwide** have disabling hearing loss and **34 million** of these are children.

It is estimated that by 2050 over **900 million people** will have disabling hearing loss. (WHO -2019)

Target Users

- › Persons with disabilities residing in or visiting Qatar



ADJACENT OPPORTUNITIES

- › Assistive technology
- › Software with build in accessibility features

STAKEHOLDERS

- › MADA



KEY PROBLEM STATEMENT | NEED

Access to information is a key aspect when establishing Smart Cities and ensuring inclusivity by making information accessible to all persons including those with disabilities is essential.

The focus of this project is to develop a solution that provides independent access to information to persons of low literacy in particular those within the deaf community in a format that can be easily interpreted.



OWNER AND SECTOR

Owner MADA

Sector Smart City / Smart Citizens



PROCUREMENT CYCLE

Ideation & Research

The solution will be developed in the Hackathon QITCOM2019. This will be further taken to product development and commercialization.



TIMESPAN



Will be defined during commercialization phase

BUDGET ACROSS INTERNET OF THINGS (IoT) ECOSYSTEM

The Qatar market for IoT is projected to reach **USD\$573 million** by 2022, at a compound annual growth rate (CAGR) of 35% from 2019 to 2022.

