

## INTERNET OF THINGS (IoT) FOR DISABILITY SUPPORT IN SMART HOMES

The Internet of Things (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 (IoT) | SMART HOME FOR PERSONS WITH DISABILITIES AND THE ELDERLY

This initiative is part of the organization's ambition to enhance the lives of those with functional limitations or disabilities, including the elderly, by introducing smart home technology to automate most of the home appliances with the aim to significantly improve daily living and promote independent living.

#### TARGET MARKET

##### Target Market

In 2019, Qatar had registered 16,745 people with disabilities across special needs centers.

##### Target Users

- Persons with Functional Limitations (PFL), Persons with Disabilities (PWD) & The Elderly (all age groups and genders)



#### KEY PROBLEM STATEMENT | NEED

It is important to ensure that technologies that relate to assisted living is safe to use and is tailored to the needs of those who require targeted support.

The aim is to identify smart home requirements and subsequent solutions that are tailored to support the requirements of an individual with disability or the elderly and enable accessibility and improving quality of home living.



#### PROCUREMENT CYCLE

##### Information Gathering

The opportunity is yet to be tendered.



#### TIMESPAN



Total duration of 12 months which includes use case identification, solution development and testing

#### ADJACENT OPPORTUNITIES



- Digital Content development for persons with disabilities and the elderly

#### STAKEHOLDERS

- Mada Center
- Nursing Homes
- Hamad Medical Corporation (HMC)



#### OWNER AND SECTOR

**Owner** Mada Center

**Sector** Healthcare / Smart City / Smart Citizens



#### BUDGET ACROSS INTERNET OF THINGS (IoT) ECOSYSTEM

The Qatar market for IoT is expected to grow at a compound annual growth rate (CAGR) of roughly 35% over the next four years, becoming a **USD 573 million** market in 2022.

