

USER

CARE
RECIPIENT



USER

CARE
RECIPIENT



USER

CARE
RECIPIENT



USER

CARE
RECIPIENT



USER

CARE
RECIPIENT



USER

CARE
RECIPIENT



USER

CARE
RECIPIENT



USER

CARE
RECIPIENT



USER

CARE
RECIPIENT



**Healthy
Senior**

USER · CARE RECIPIENT

**Senior
Caring for
Others**

USER · CARE RECIPIENT

**Person with
A Chronic
Disease**

USER · CARE RECIPIENT

**Senior
Still
Working**

USER · CARE RECIPIENT

**Senior with
Diseases**

USER · CARE RECIPIENT

**Senior
Living
Alone**

USER · CARE RECIPIENT

USER · CARE RECIPIENT

USER · CARE RECIPIENT

USER · CARE RECIPIENT

USER
CAREGIVER



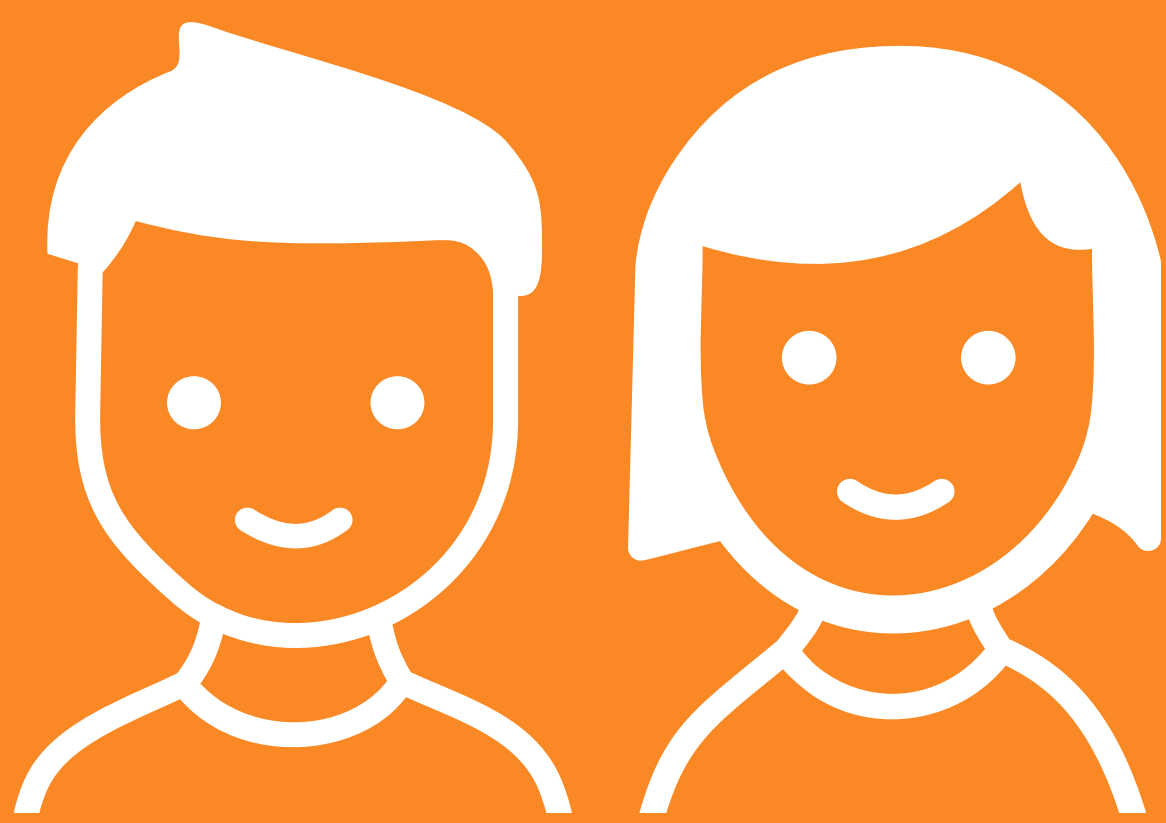
USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



Spouse

USER · CAREGIVER

Parent

USER · CAREGIVER

Neighbour

USER · CAREGIVER

Robot

USER · CAREGIVER

Pet

USER · CAREGIVER

**Staff Member
in Various
Contexts**

USER · CAREGIVER

Netizen

USER · CAREGIVER

Friend

USER · CAREGIVER

**Friend of
Friend/Family**

USER · CAREGIVER

USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



USER
CAREGIVER



Children

USER · CAREGIVER

**Family at a
Distance**

USER · CAREGIVER

Volunteer

USER · CAREGIVER

Colleague

USER · CAREGIVER

Delieverer

USER · CAREGIVER

Relative

USER · CAREGIVER

USER · CAREGIVER

USER · CAREGIVER

USER · CAREGIVER

SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



Sports

SCENARIO

Housekeeping

SCENARIO

Outdoors

SCENARIO

Sleeping

SCENARIO

**Emotional
Support**

SCENARIO

**Managing
Money**

SCENARIO

**Interacting
with People**

SCENARIO

Catering

SCENARIO

**Managing
Personal
Appearance**

SCENARIO

SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



Travelling

SCENARIO

**Bathing
& Showering**

SCENARIO

Walking Around

SCENARIO

Toileting

SCENARIO

**Listening to
Music
& Broadcast**

SCENARIO

**Taking
Medication**

SCENARIO

**Taking Pills
& Injection**

SCENARIO

Reading

SCENARIO

**Watching
Movies
& TV Series**

SCENARIO

SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



SCENARIO



Writing
& Drawing

SCENARIO

Singing
& Dancing

SCENARIO

Participating
in an
Interest Group

SCENARIO

SCENARIO

SCENARIO

SCENARIO

SCENARIO

SCENARIO

SCENARIO

CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



Kltchen

CONTEXT

Living Room

CONTEXT

Bathroom

CONTEXT

Dining Room

CONTEXT

**Pub
& Social Club**

CONTEXT

Balcony

CONTEXT

Stairs

CONTEXT

Garden

CONTEXT

Bedroom

CONTEXT

CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



Street

CONTEXT

Park

CONTEXT

**Church
& Temple**

CONTEXT

**Museum
& Gallery**

CONTEXT

**Plane
& Ship**

CONTEXT

**Bus
& Train**

CONTEXT

Car

CONTEXT

**Theatre
& Cinema**

CONTEXT

**Shop
& Shopping Mall**

CONTEXT

CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



CONTEXT



Hill & Mountain

CONTEXT

CONTEXT

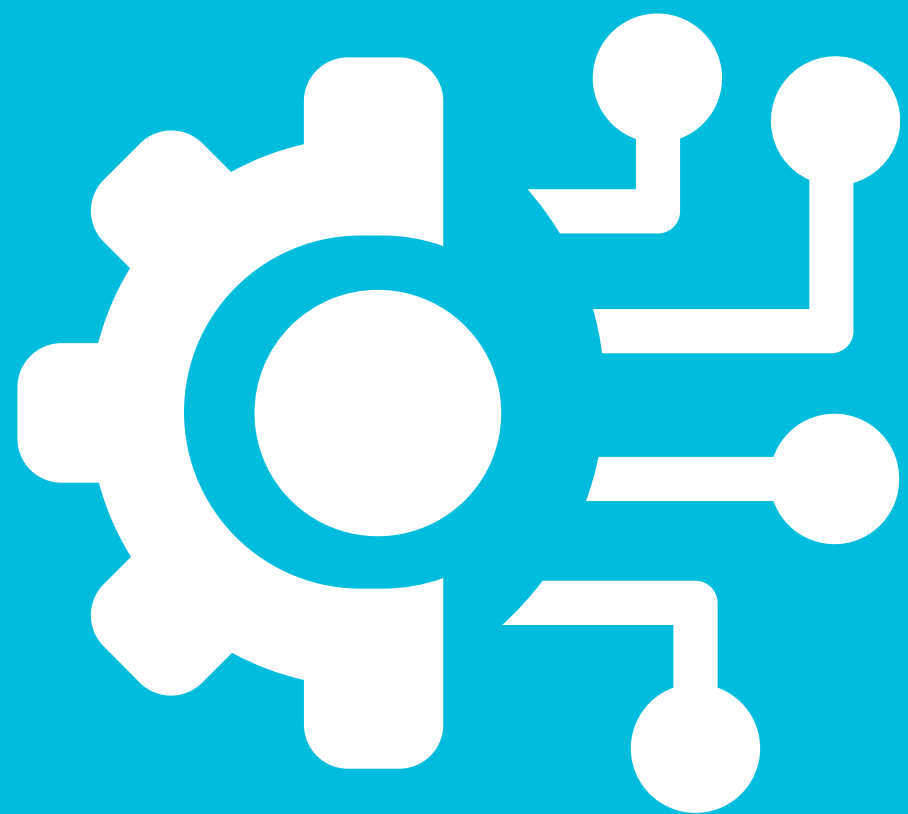
Beach

Pavement

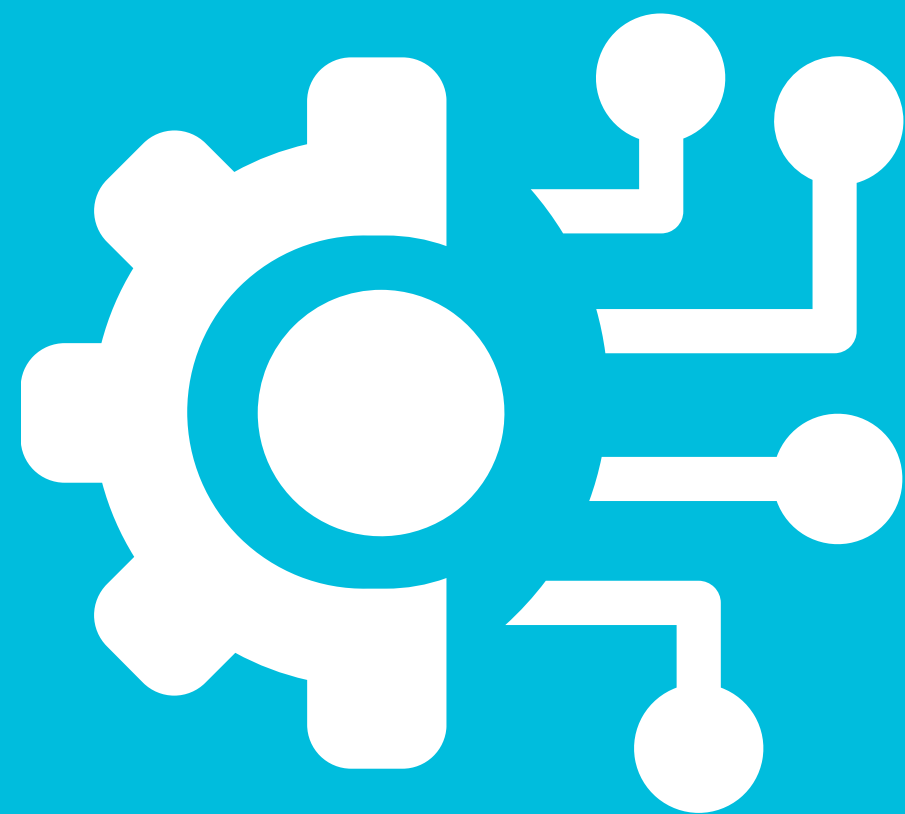
CONTEXT

CONTEXT

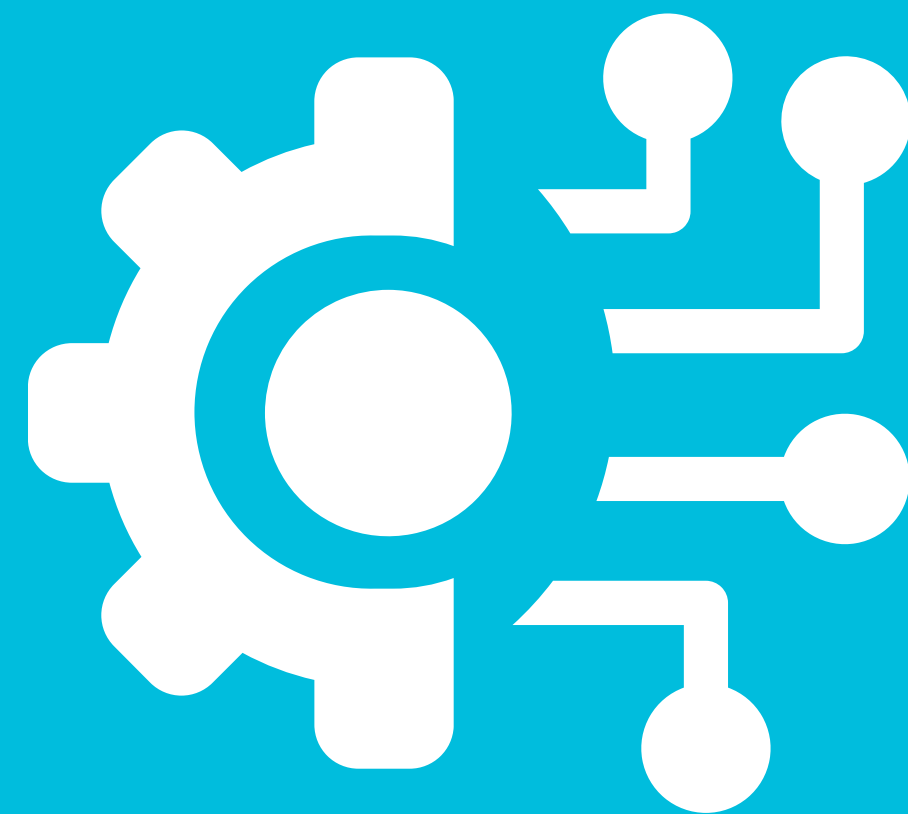
TECHNICAL
OPPORTUNITY



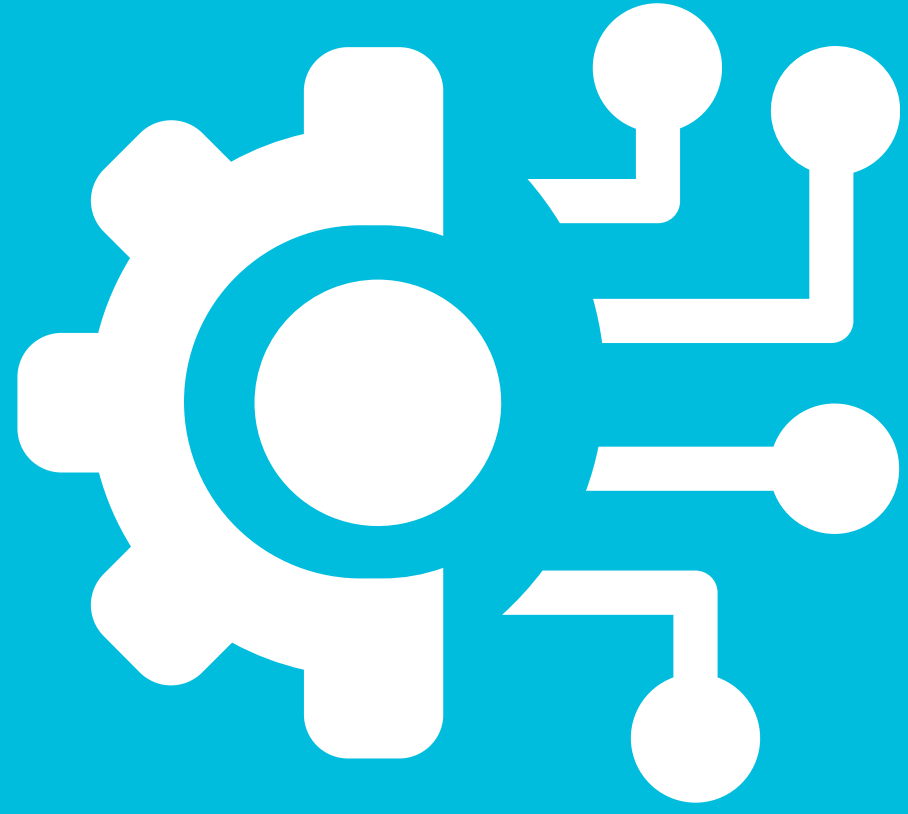
TECHNICAL
OPPORTUNITY



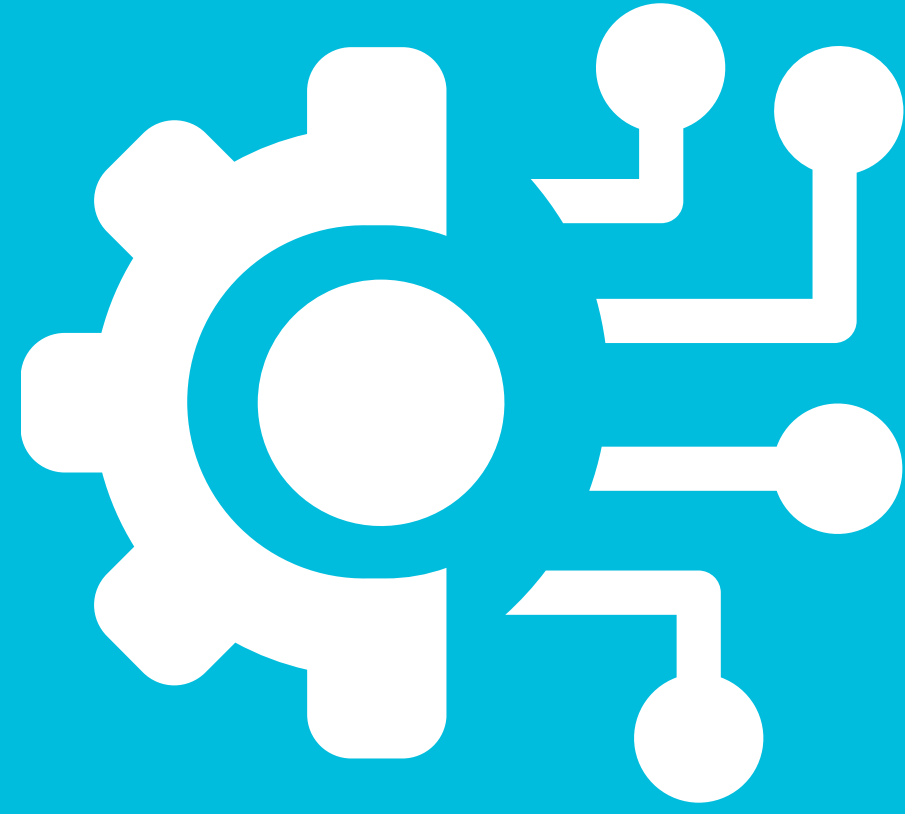
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OPPORTUNITY



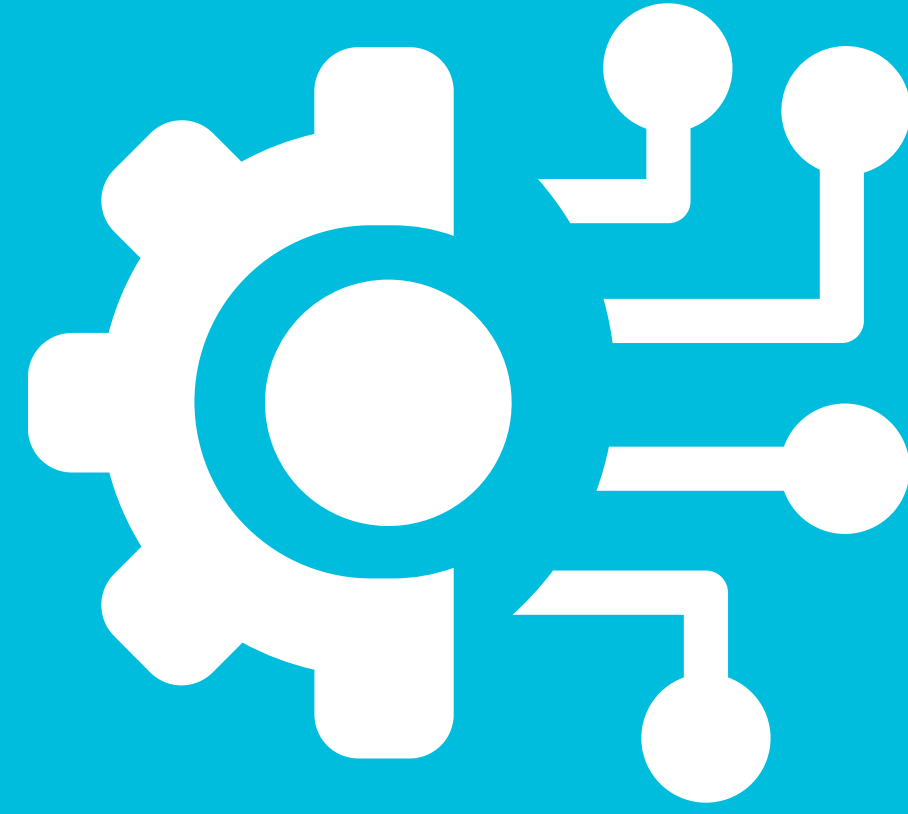
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OPPORTUNITY



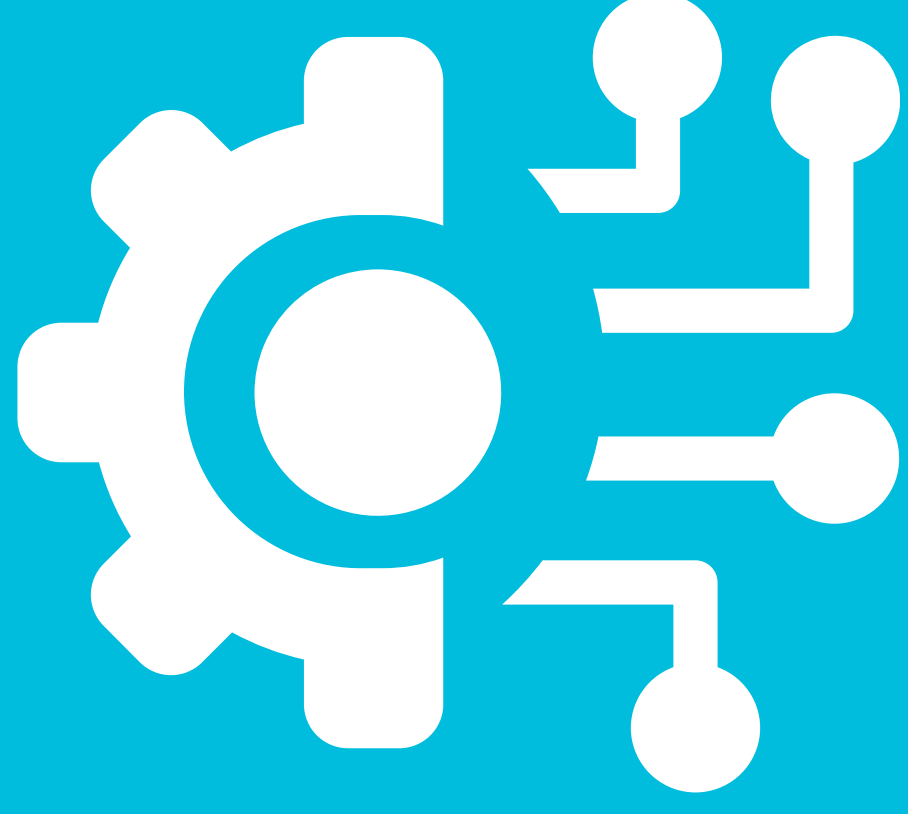
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OPPORTUNITY



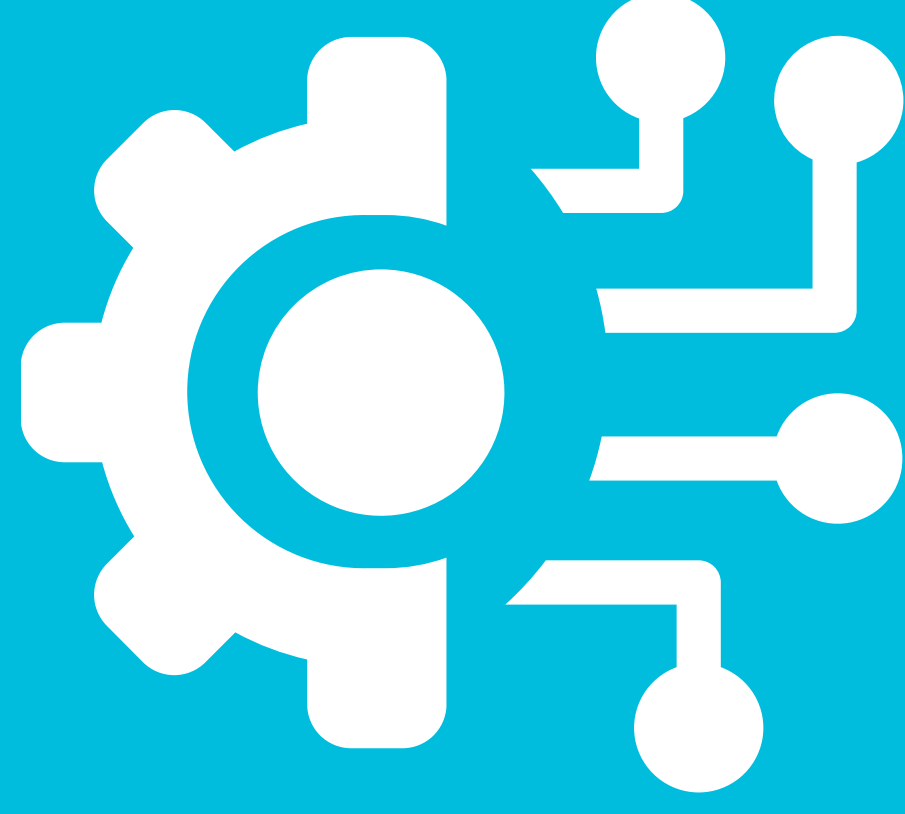
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OPPORTUNITY



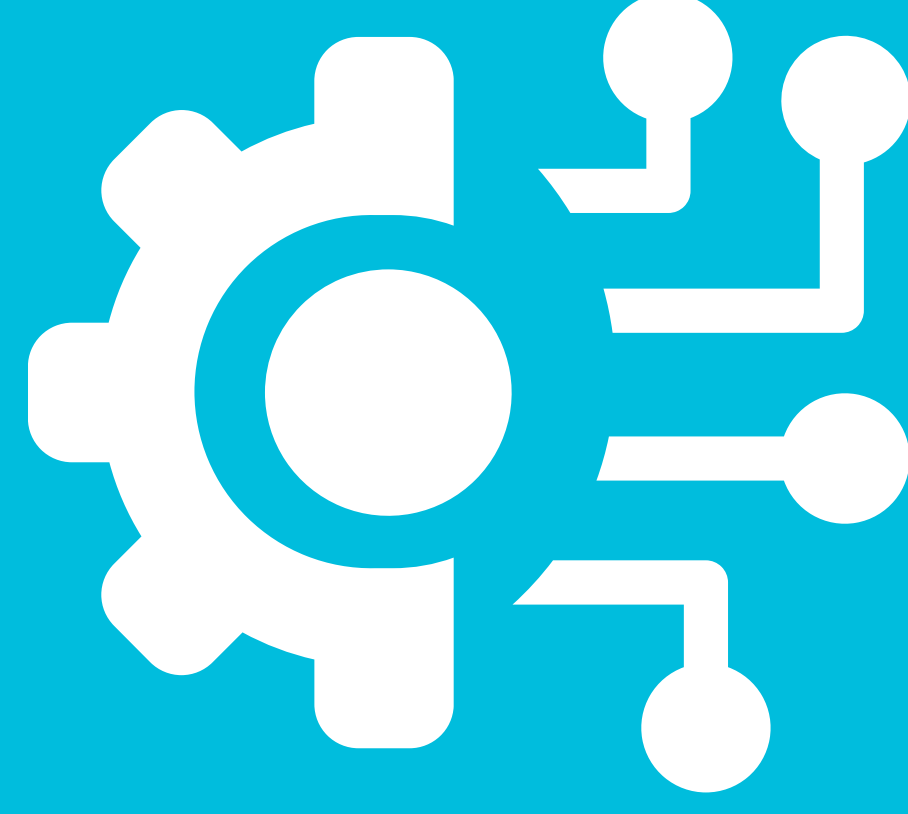
TECHNICAL
OPPORTUNITY



TECHNICAL
OPPORTUNITY



TECHNICAL
OPPORTUNITY



Environment Perception

- Light sensor
- Temperature sensor
- Moisture sensor
- Gas/dust sensor
- Air pressure sensor

TECHNICAL OPPORTUNITY

Distance & Location Perception

- Ultrasonic distance sensor
- Digital compass
- GPS module

TECHNICAL OPPORTUNITY

Motion Perception

- Rotation sensor
- Acceleration sensor
- Presence/motion sensor
- Entrance/exit sensor

TECHNICAL OPPORTUNITY

Sight Perception

- Camera
- Screen
- Projector

TECHNICAL OPPORTUNITY

Sound Perception

- Microphone
- Sound Trigger
- Speaker

TECHNICAL OPPORTUNITY

Touch Perception

- Button
- Touch sensor
- Touch area/pad/screen
- Magnetic field sensor
- Keyboard

TECHNICAL OPPORTUNITY

Tag & Reader

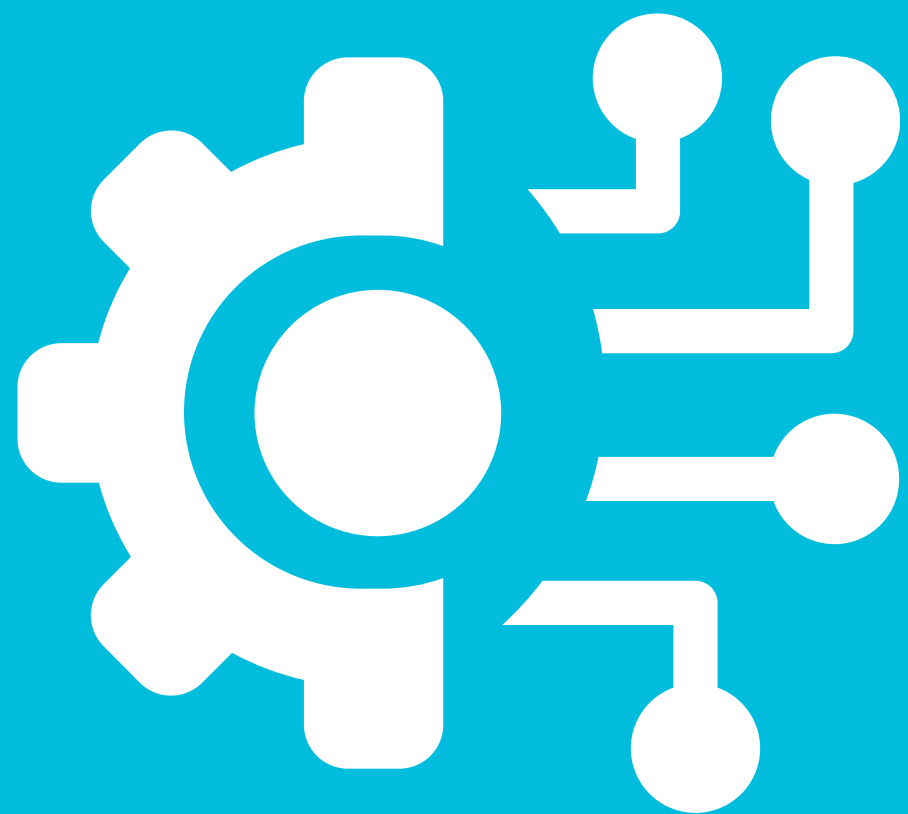
- RFID (Radio Frequency Identification) : using electromagnetic fields to automatically identify and track tags attached to objects
- NFC (Near Field Communication) : a set of wireless technologies typically requiring a distance of 4cm or less to initiate a connection.

TECHNICAL OPPORTUNITY

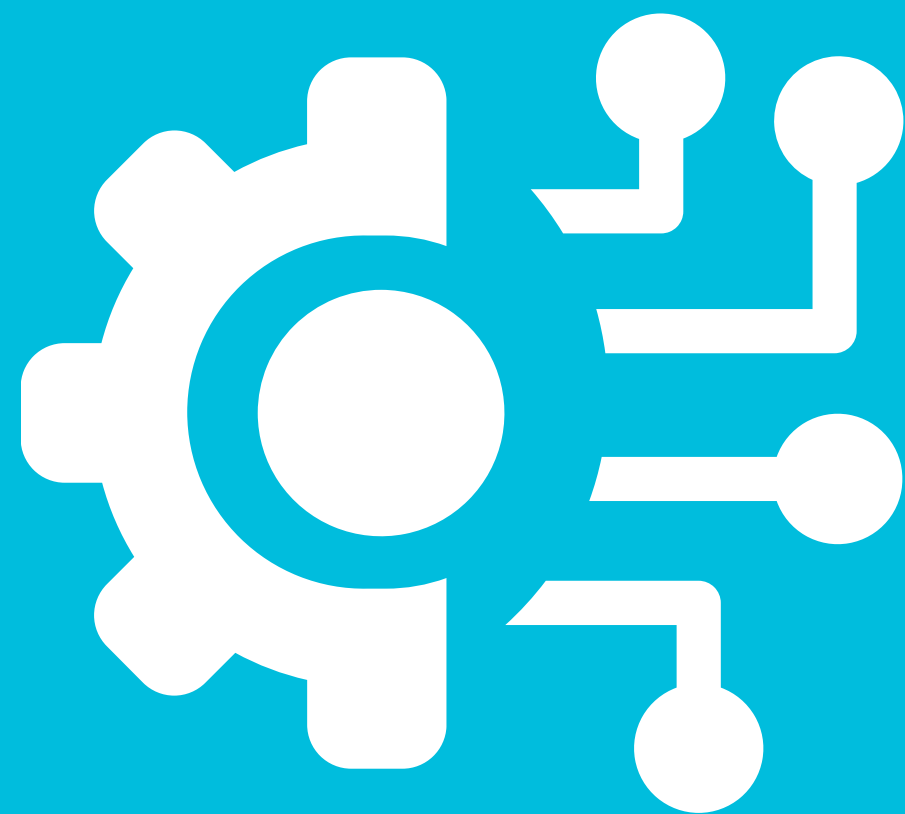
TECHNICAL OPPORTUNITY

TECHNICAL OPPORTUNITY

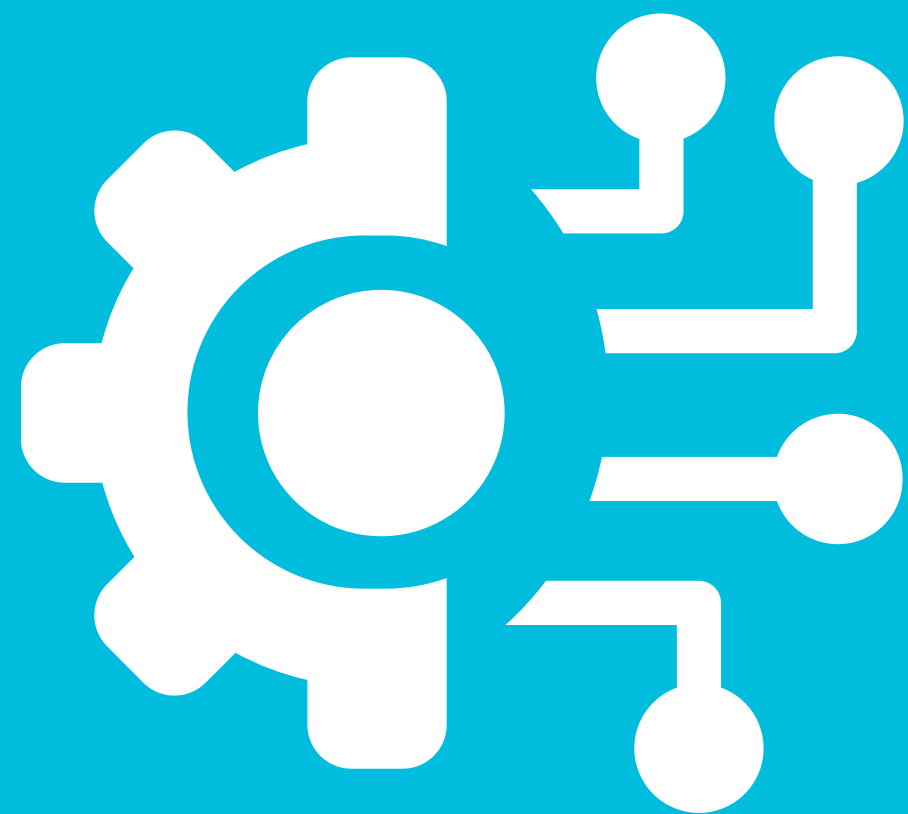
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OPPORTUNITY



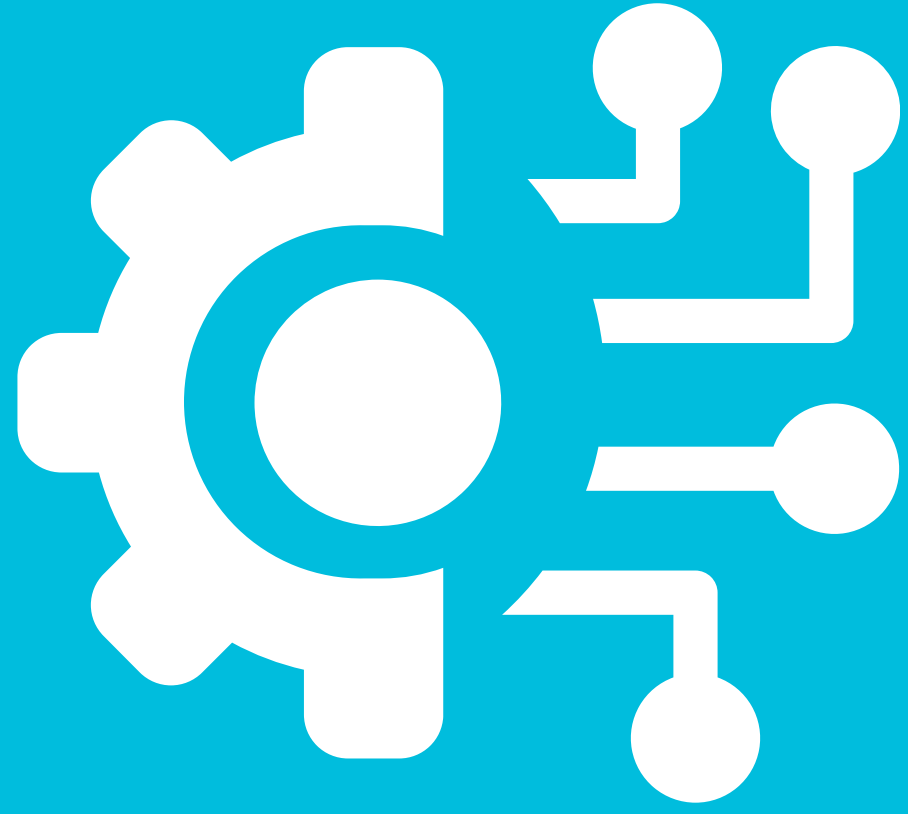
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OPPORTUNITY



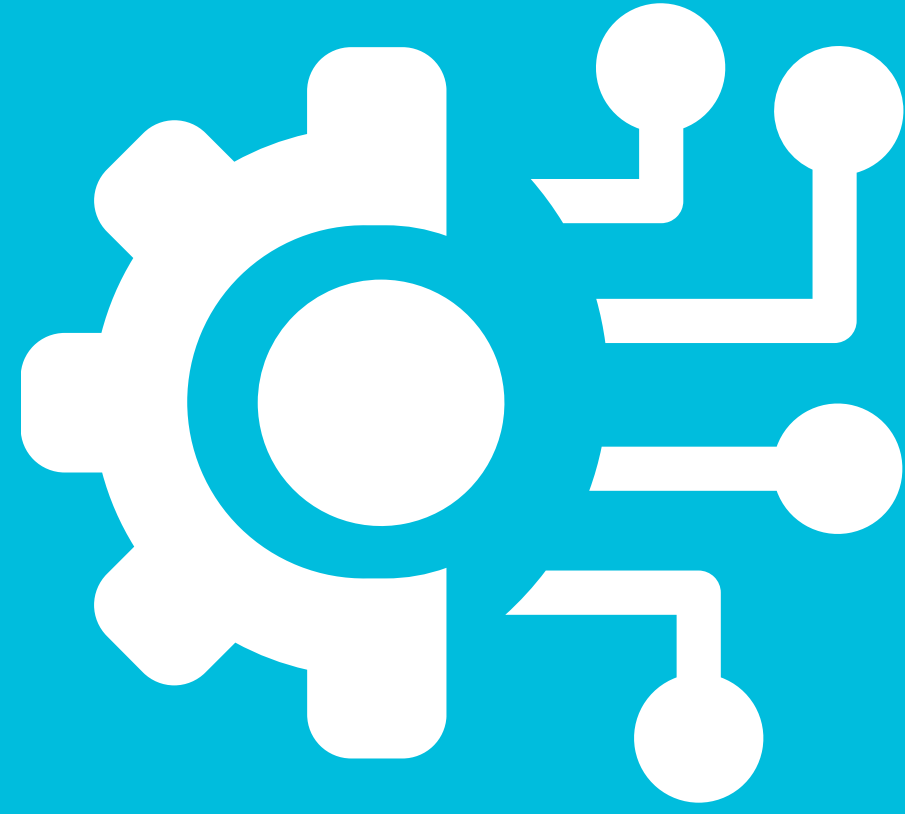
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OPPORTUNITY



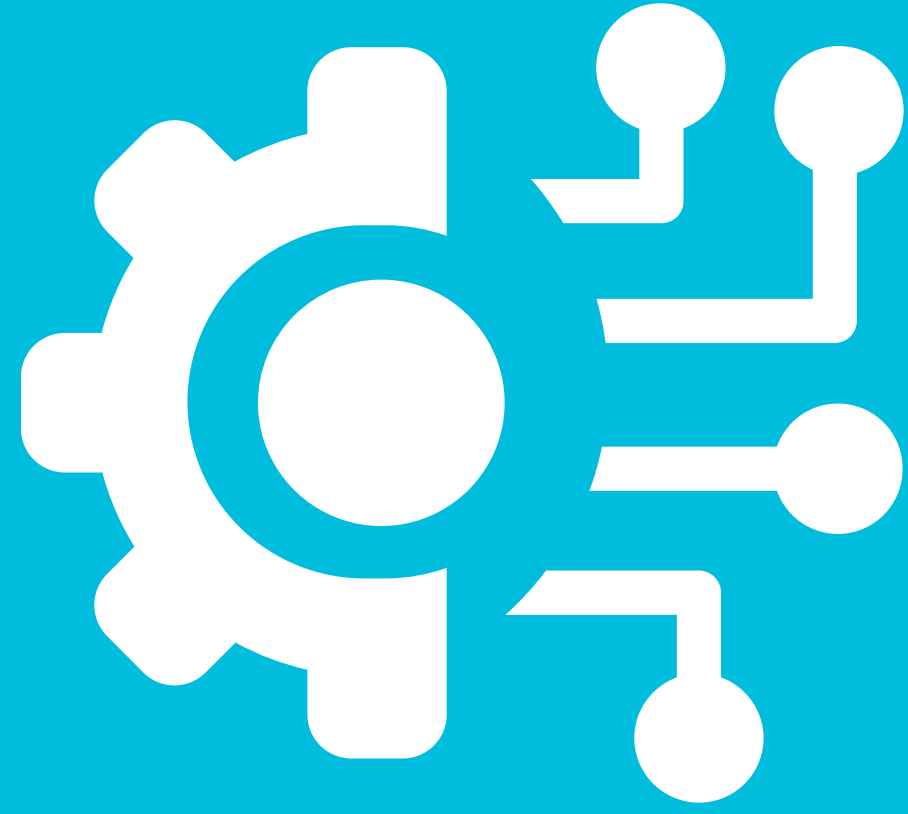
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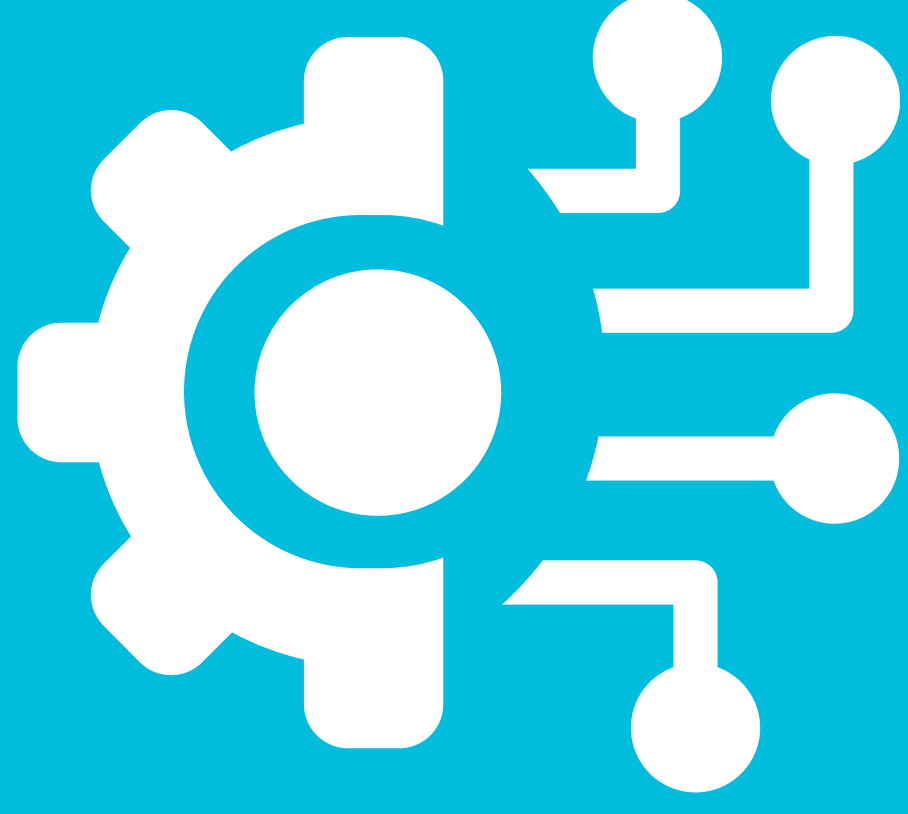
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OPPORTUNITY



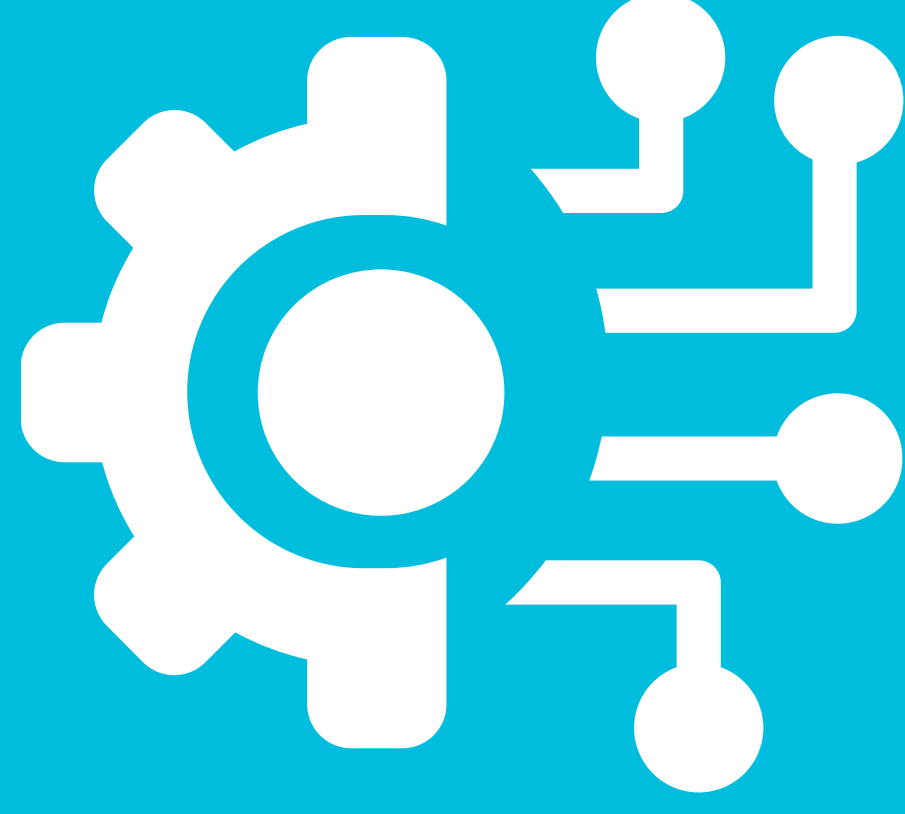
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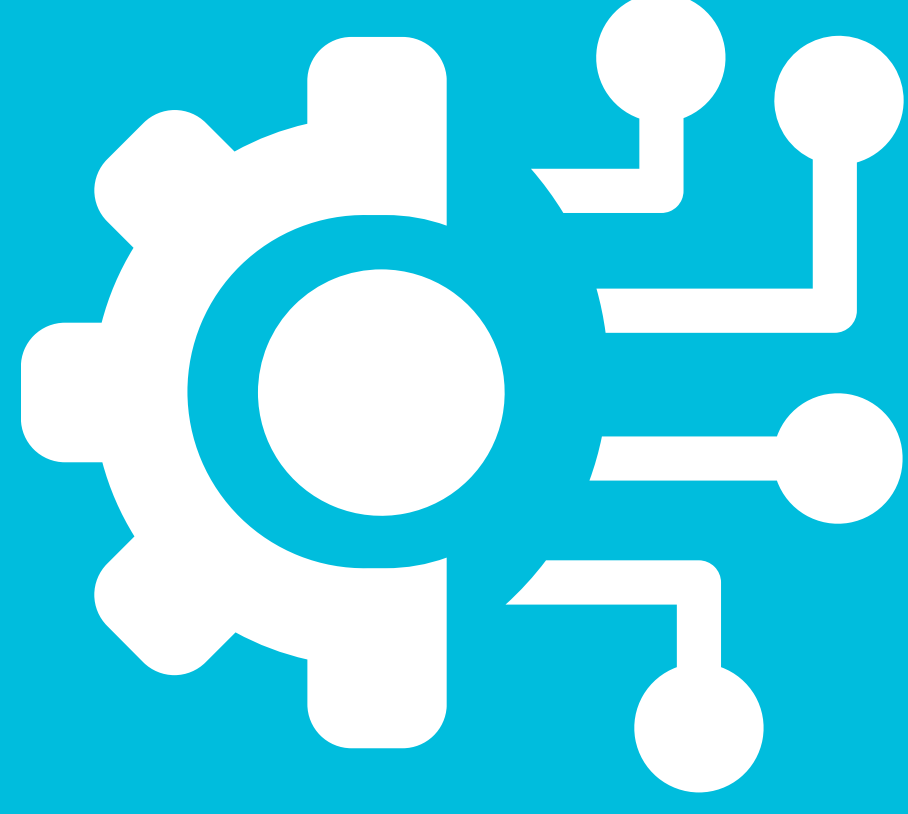
TECHNICAL
OPPORTUNITY



TECHNICAL
OPPORTUNITY



TECHNICAL
OPPORTUNITY



Cloud Computing

The delivery of computing services over the Internet to offer faster innovation, flexible resources, and economies of scale.

TECHNICAL OPPORTUNITY

Edge Computing

A networking philosophy focused on bringing computing as close to the source of data as possible in order to reduce latency and bandwidth use.

TECHNICAL OPPORTUNITY

Speech Recognition

A capability which enables a program to process human speech into a written format.

TECHNICAL OPPORTUNITY

Image Recognition

A capability which enables a program to identify an object or a feature in an image or video.

TECHNICAL OPPORTUNITY

Connectivity Technology

- Wi-Fi
- Bluetooth
- Mobile communication
- 4G/5G
- Wireless sensor network

TECHNICAL OPPORTUNITY

Healthcare Technology

- Blood glucose meter
- Pulse oximetry
- Thermometer
- Sphygmomanometer
- Heart rate monitor module

TECHNICAL OPPORTUNITY

Application Programming Interface (API)

API enables companies to open up their applications' data and functionality to external third-party developers within their companies.

TECHNICAL OPPORTUNITY

TECHNICAL OPPORTUNITY

TECHNICAL OPPORTUNITY