

Thesis Topic

OCCDEC - AI Sound Analytics Backend

Degree level

Bachelor or Master

Company

OCCDEC AB

Description

The AI Sound Analytics System will be designed with different modules communicating with APIs between them:

0. -Integration towards alarm centrals

API preferably rest - Will need some workshops with Municipalities in Lund and Kalmar

1. -User Management - Integration Google Cloud

Connect corporations/divisions/users to the Alert system

2. -Alert System Service in Google Cloud

Set up Alerts and notifications easily connected to Divisions and Users

3. -IoT Management (automated setup) - Software not decided

Overview of devices, temperature, data usage, fan spinning etc

Automated setup for new devices assigned to a Corporation, Division or a User

Objectives

The project includes

- User Management
- Alert System Services
- IoT Management

Requirements

Requirements:

Development, some API knowledge, some Google Cloud experience

Contact Person

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