FINAL PROJECT DESCRIPTION

# Introduction

The Internet of Things (IoT) is a network of devices that feeds data into a platform to enable communication and automated control. IoT connects machines to other machines as well as people. This seamless connection between machines, humans, and data means that IoT simplifies, improves, and automates processes. Sensors, coupled with connectivity and artificial intelligence, have the potential to make several systems more efficient. Therefore, an IoT mobile application is necessary to provide information to users timely.

# Requirements

In this project, we aim to build an Android application of the IoT framework. In more detail, the application allows to:

* Effectively visualize connected data from sensors (temperature, air information, humility) on the Map.
* Add, modify, and delete the IoT devices and sensors.
* Support Authentication methods (log in using username and password).
* Support User management.
* Create the Rule on collected data.

Moreover, each group could propose enhanced features which are highly rewarded.

# Reference

[OpenRemote - Apps on Google Play](https://play.google.com/store/apps/details?id=io.openremote.app&hl=en&gl=US)