**BSc Internet Design Final Year Project**

**Luke Taylor**

**BSc Internet Design Final Year Project**

**Luke Taylor**

**Supervisor: Stavros Didakis**

**BSc Internet Design**

**Plymouth University**

**Arts & Humanities**

**May, 2018**

**Words: 271**

Table of Contents

[**Introduction** 4](#_Toc512978590)

[**Background – 1000 Words** 4](#_Toc512978591)

# **Introduction**

Introduction (general overview of this project, hypothesis or questions that were created at the beginning of the project – Why is this work important? What are you trying to achieve? Aims and objectives).

For my final year project, I wanted to combine my skills from the past 3 years into a project within the realm of the internet of things. I want to merge the use of IOT with topics I found the most interesting throughout my studies in a bid to develop a project that can make a difference in our everyday lives. These include digital art/installations, open data and environmental sensing.

The aim of my project is to build a resource measurement system for water consumption within the household, this would be accompanied by a live data visual art piece representative of how much water is consumed daily by the home occupants. This system would then help to highlight how wasteful we can be with the resources in our own homes and drive home the impact that this has on the rapidly depleting environment, and therefore help people to make the conscious effort to waste less and reduce the consumption of important resources allowing for a healthier environment and more resources for everyone in the future. This project could also be taken further on to other levels including industrial settings or emergency settings, I would also like the art piece to be able to stand out on its own regardless of the system for positioning in a gallery or other similar settings. Currently there are very few devices covering this particular task and those which are, do not release that data for people to see nor do they represent the data in an artistic way, I am curious to see if the art could be used to make a change in how people behave. I believe it’s important that people are made more aware of their impact on the future of the world and themselves through the resources which they consume.

# **Background – 1000 Words**

Background (all related references that have inspired this work, or any philosophical, theoretical, or practical context that this development is based on.).

Origins of the idea

Idea background research

Other inspirational projects