

# Criteria A.1

Explain & Justify the need for a solution

## Problem Overview:

In modern times, where global news is often only accessible reliably online, it is essential to be able to eliminate any sources of bias in our feed, allowing for an easy, and more importantly trustable reference point for our intake of global events.

This sadly however is not the case, wherein most reporters & their publishers, are filled with bias; be it politically, financially, religiously or other. This leads to a major threat, both to the consumer, and moreover the truth. A study by the university of Rochester(see bibliography for link - 1), surveyed over 1.8 million headlines from major news outlets all over the world, uncovering the vast differences(up to 35%) in the way the topic is presented, especially in the field of politics(study results graph is fig 1.2 in the appendix).

This topic(often referred to as media bias) is also explored in a study by Nature, and shows that this has been a major global issue since the 1950's, and greatly impacts the everyday life of the average person. More importantly it emphasizes the major role media producers play in this, by consciously involving certain biases in their articles, often political or religious, due to sponsorships or other means of financial gain(see more by looking at fig 1.1 in the appendix)

On the other hand, a study by mediacontrol, explains how the consumer is safe when equalling out biases, as when radical left wings & right wings are averaged out, they provide a consistent form of truthful information, at least to the majority of people.

The target audience is for this problem easily identifiable; people who consistently need truthful, non-biased news. This can be in all age categories as well as all fields of profession. More specifically though, the problem targets people in the age category 13-60, where misinformation is easily spread due to open-mindedness in ideas and points of view.

To fully understand the scope of this issue, we need to understand the future without a solution. This is a rising problem, meaning it is only going to be growing from this point on, that is unless the people put a stop to it. This could lead to major world components such as democracy, relationships, as well as trust.

This problem has a strong connection with the SOI, as it proves that scientific and technical innovation can make change in the systems of the world in regard to programming, especially when looking into the fact that many global leaders in the sector of media have been affected by this issue, if the problem is solved, the SOI can be proved as true.