

ANIMAL WELFARE

INTRODUCTION

The World Wildlife Fund publishes its seminal report every two years.

According to the most recent report, population declines "signal a fundamentally broken relationship between humans and the natural world, with catastrophic consequences as the ongoing COVID-19 pandemic has shown." Particularly in the wild, animals are becoming increasingly rare.

As an outcome, we have decided to go forward on this approach to keep an eye on their wellbeing and protect them from outside impediments.

We were motivated to work on a project such as this in order to expand it to wildlife in order to conserve the endangered and endemic animals by keeping in mind the existing software on animal gps systems.

By gathering information from the device, our gadget could also be employed in many other life-threatening circumstances, such as saving lives at the last minute. The abstract provided below goes into more detail about this.

ABSTRACT

We'll have sublevels in our application, starting with admin and moving on to animal keepers. The animal caretakers are in charge of a certain number of animals. Only the animal caretakers will keep an eye on the situation if it can be managed simply. The inspectors, who will be at the same level as the animal keepers but have more power, will be in charge of cases with a high critical level under the control of the top admins. The inspectors are capable of acting quickly and decisively.

Additionally, our programme will highlight recent news regarding animal abusers, smugglers, and other relevant topics. People will become aware of this as a result.

When viewers notice something amiss, they can report it directly on the web. The GPS tracker does more than just inform the portal of it. Additionally, it might be utilized to lessen the likelihood of them being smuggled.

By examining their heart rate and blood pressure, our technology might be utilized to monitor their health. This will guarantee their absolute health and provide them a frequent checkup if they are in danger.

By implementing our technology, the zoo inspector will be able to keep track of any animal in the zoo using just a quick flick on their system. Along with a timely report, our application will also show the animal's prior medical records.

PROBLEM STATEMENT

Since the 1970s, the world's wildlife population has decreased by more than 60%. Regarding the current situation, the Australian bushfires claimed the lives of around 500 million animals. And these figures continue to rise daily. The globe would quickly lose all of its wildlife if this tendency were to continue. Killing animals accounts to the loss of their number to a large extent.

In India, poachers and illegal traffickers sell a variety of animal species, including birds, marmosets, moths, and tigers, according to a WWF-India report. According to some government officials, there is a "great demand" for exotic animals from Myanmar in various locations around India, which accounts for the rise in the smuggling of these goods.

It is high time for us to stop mistreating these helpless animals. We need to spread the word and put an end to these animal abuses. Animal cruelty is increasingly an issue on a national scale. A few laws have already been enacted by the government, and some more are required. Social awareness is additionally necessary.