Web Based Forest Health Monitoring System

TECHNOLOGY DESCRIPTION

This technology is a web based application system to monitor the status of Malaysian forest.

TECHNOLOGY FEATURES

This technology can be accessed from anywhere as long as there is an internet connection. This system is built to help people to record all the information of flora and fauna in a forest and will help users to calculate forest health for the forest in a state. It also shows some statistics on the quantity of fauna found in a forest. This system needs people to fulfil all the criteria given to calculate the healthiness of forest.

ADVANTAGES

- Ease to use
- Easy to access
- Easy implementation

INDUSTRY OVERVIEW

Prospect: Forest and Land Management Agencies or Authorities

This forest health monitoring system is suitable for authorities or agencies relating to forest and land management. Forest Land Management is the process of management, conservation, development, restoration and maintenance of forest land. Forest Land Management involves forest administration plans, wood sales, timber sales, maintenance of proper records, wildlife supervision, reforestation and recreation services. Thus, this system will help agencies or authorities to assess forest condition, detect potential complications, and develop future plans for the forest. Developing countries such as China, India, Malaysia, Brazil, South Africa and others offer a vast scope of forest land management market. The forest health monitoring system would also have good market prospects since increasing awareness about climate changes and preventive measures have brought issues on forest land conservation and wildlife welfare to the forefront and boost forest land management market.

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