Tree Health Management System
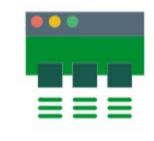
Measurable, reportable, verifiable

What is Jejak.in

Software based census system to manage your trees and plants

How Jejak.in works

Map based system that can be used on desktop or mobile, online or offline.

Why do we need jejak.in

Tree care system with realtime data and analytics. Jejak.in enables easier data sampling that are measurable, reportable and verifiable.

Feature and Function

Solution for convenient tree health and care system

Work plan development

Mapping, plot and tipography development, tree planting planning resulting in individual QR codes generation.

Census and data update

Offline data gathering using mobile application in remote areas.

Report and analytics dashboard

Actual and updated data presentation, for monitoring and decision making.

Environmental impact calculation

Providing information and environmental analysis resulting from tree planting.

Environmental impact calculation

Measuring Result of Tree planting

Carbon absorbtion

Prediction and calculation of absorbed carbon from individual tree on each plots.

Biodiversity

As ecology indicator by measuring biodiversity species that appears resulting from tree planting activities.

Water Infiltration

Measuring water infiltration improvement resulting from tree planting.

Greenhouse gas

Calculating green house gas emission that can be absorbed by each tree in the planting area.

Mapping Image and Identification

Aerial map

Acquiring tree and vegetation data in an area using droe, fixed-wing, uav and other flying objects.

Remote Sensing

Acquiring tree and vegetation data in an area using satellite images that are regularly updated.

Identification

Performing automatic and smart identification using artificial intelligence.

Stored and Recorded Digitally

New approach that make data collection and processing of your plants becoming more efficient, anytime, anywhere.