

Orchard Management

This orchard management app is designed for orchard staff to store and display product information, estimate and control inventory, and manage their business orders.

Sub: production:

Module fruit: fruit's basic information description (e.g. variety, favour, etc.), checking whether a specific fruit is in picking season, fruit price setting, and fruit information store.

Module plantation: setting up plantations (e.g. area, variety, etc.) and estimating each fruit variety's production. We divide the plantation into visitor and commercial areas, and store and update their information.

Sub: inventory and sales:

Module inventory

-Class inventory management: remaining yield estimation (used to estimate remaining production capacity), add/remove inventory, inventory datafile arrangement.

-Class visualization: plot historical inventory change.

Module sales

-Class sales management: customer picking, selling, capacity checking (which will generate warning when lack of capacity), recording orders and revenue.