**Abstrak**

Pengendalian persediaan adalah suatu permasalahan yang umum namun penting bagi hampir seluruh perusahaan atau lembaga. Ada banyak model dan solusi untuk berbagai jenis usaha dan persediaan. Tesis ini mencoba untuk memberikan salah satu solusi sistem persediaan beras di suatu daerah tingkat provinsi di Indonesia. Sitem yang tersaji akan menampilkan tampilan interaktif tentang kondisi perberasan suatu daerah, mulai dari tingkat desa hingga provinsi. Para pengambil keputusan di tiap tingkatan daerah dapat memanfaatkan sistem ini mulai dari melihat kondisi persediaan (beras) hingga untuk menganalisis persediaan ataupun pendistribusian yang lebih efisien.

Persamaan-persamaan dalam teori logistik dan persediaan diformulasikan sedemikian rupa di dalam bahasa pemrograman *Visual Basic 6.0* untuk menampilkan dialog antarmuka pengguna (*user interface*). Pengguna dapat dikategorikan sebagai pengunjung biasa, petugas penginput data beras, petugas di tingkat provinsi yang menginput variable biaya transportasi, dan administrator. Secara garis besar data tersaji dalam dua bentuk, grafis dan tabulasi.

Sistem informasi ini berdaya guna dalam memberikan informasi perberasan yang akurat dan real time dengan didukung oleh petugas di setiap daerah yang konsisten memberikan data terbaru. Juga, sistem ini dapat menginisiasi sistem informasi lain yang sejenis dengan memodifikasi programnya.

**Abstract**

Controlling supply is a common problem that it is important for almost all companies and institutions. There are a lot of models and solutions for various types of businesses and supplies. The thesis is trying to provide a solution the rice stock at a local level provinces in Indonesia. The system display that will show rice system an interactive about the condition of the area, from the village to province. The decision makers in every regional level can use this system began to see the rice supply ( to analyze supply and distribution more efficient).

Equations in the logistics and supply formulated in such visual basic 6.0 language program to display the user interface. Users can classified as a usually visitor, an officer in the village, an officer in the province that fills variable of transportation costs, and administrators. It outlines show in two forms, graphic and tabulation.

This information system is capable to provide accurate information rice system and supported by the real time to any area consistent in giving latest data. Well, this system may initiate other similar information system with modify the program.

Abstract

The problem is one of the most common and important for all companies and institutions. And there ' s a lot of the solutions for various types of businesses and the stock. The thesis is trying to provide a solution to a system of rice in the province in Indonesia. Which will feature sitem tersaji perberasan an interactive about the condition of the area, from the village to provincial level. The decision makers in every area of this system can be used to see the rice supply ( to do ) and the distribution of one or more efficient.

Persamaan-persamaan diformulasikan and in the logistic supply in such a manner that the basic 6.0 pemterogramn visual display for the user interface ( user interface.The users can be categorized as usual, penginput of the data, an officer in the province, which is variable menginput transportation costs and the administrator. It's a great line tersaji in the form of two, and the graphics tabulasi.

The system is capable to provide accurate information to perberasan and supported by the real time to any consistent in giving the latest data.Also, this system may menginisiasi other information system of modified by some kind of corrupting the programming.