



System design Proposal

The proposed system is divided into two parts. Production and admin. Production handles manufacturing of all products and all related manufacturing processes, in this case which is extrusion and bag making.

Admin handles with purchasing, sales and stock management.

Typical use case

1. Sales and purchasing procures raw materials and records purchase details in the system e.g. invoice number, receipt number, quantities received etc. The system automatically updates the raw materials stock values.
2. Using raw materials stock values from purchasing, production team input the amount of stock they use in producing products. The values entered automatically update available raw material stock. Production also enters how many finished products have been produced using that stock as well as the amount of scrap remaining.
3. Using the number of finished products from production, sales and purchasing then sells the finished goods. All related reports concerning sales will appear here.
4. Each department can only view reports from their department only, only the super user(director) can see reports from both departments.

