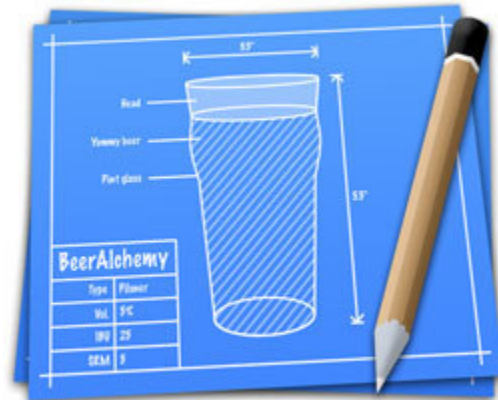




COMPOZER Recipe Management Solution for Optimal Product Mix

The Idea
COMPOZER-
Wipro's Recipe Management
Solution for Optimal Product Mix



Business Scenario

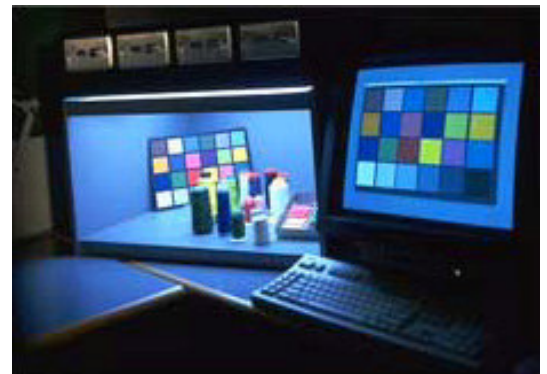
Changing Government regulations and the increasing constraints on ingredient contents in consumer products have often left CPG manufacturers change their product's formulation frequently. The optimization of the new formulation was a critical issue and a solution that could automate this process was desired for long. The solution desired should be able to:

- Arrive at a minimum cost formula.
 - Optimize the formula with the following constraints included:
 - Ingredient constraint
 - Nutrient constraint
 - Supply constraint
 - Weight Constraint
-

Wipro's Solution

A tool to optimize complex formula based on linear programming model to:

- Optimize based on amount of product to be manufactured
- Optimize multiple products at the same time
- Consider the Ingredient and Nutrient minimum / maximum values specified as constraints while optimizing a product along with Supply constraints.
- Displays ingredient & nutrient ratio and the cost of the formulation after optimizing the selected product(s).



Benefits

- Minimize the cost of the product(s) and optimize the quantity of the ingredients used in the product(s) that are chosen from a list of ingredients /products.
- The supply constraint feature gives the available quantity of ingredients present in the inventory (supply side) and is taken into consideration while optimizing the quantity of ingredients for the selected product(s).
- Also it allows users to modify and update the ingredient constraints (to effect taste/nutrition change) and the nutrient constraints (to comply with the regulations/norms).

About Wipro Technologies

Wipro Technologies, a division of Wipro Limited (NYSE: WIT) provides integrated business, technology and process solutions to its clients world wide on a global delivery platform. With its diverse talent pool and global presence, Wipro provides consistent repeatable results to its clients on a world class delivery platform. Wipro delivers unmatched business value to customers through a combination of process excellence, quality frameworks and service delivery innovation.

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