

Project Draft Proposal

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Flower shop

Goals:

1. keep track of the number of objects and when you may need to order more.
2. Keep a tab on all the flowers they imported and sold in a day
3. Forecast sales and analyze profitability

Class 1

Inventory (similar to dictionary, put items inside)

Attributes:

- Item
- Add
- Pop
- Quantity
- Time(date)

Class 2

Item

- Name
- Purchase price
- Sales price
- Date of purchase
- Quantity? (redundant?)

Class 3

Cost

- Utility bills (maintenance)
- Rent
- employee salaries
- business license
- vehicle payment
- advertising

Class 4

Profitability

- Total: Price * Quantity
- Each item
- (Promotion?)

Class 5

Promotion /Special Order

- Date.
 - o Wedding
- What types.
 - o Roses by the dozen
 - o Corsages and boutonnieres
- How much.
- How many.

Class 6

Customers

- Who is buying
- How often do they come
- Why are they buying
- (Loyalty card)?
- (promotion)?

Class 7

Vendors

- Who is providing the
- Discount
- How often

Class 8

Loyalty Card

- Discount
- How many times have customers shopped here?
- Special promotion

Class 9

Online ordering

- How advance
- How much
- What kind
- Shipping

Questions:

1. Should I add more classes? Or combine some of the classes?
2. Some of the classes are interrelated. How should I deal with the problem?

Thank you.