

Problem Specification

Introduction

Coupon can make our daily life better. There are too many goods means there are also many coupons. To manage the huge number of coupons is a really a trouble. So an inventory system for coupons will give a great convenient for the coupon management.

Problem analysis

- Information storage
- Data structure: collection, heap
- Algorithms: binary search and linear search
- Sort collection
- Information display in table
- Control panel GUI design
- Data input/output
- File read and content split

Problem ownership

- The person who need store and manage huge number of coupon information.
- The person who need search a coupon from many coupon data.
- The person who use coupon frequently.
- The person who like collect coupons to save money.