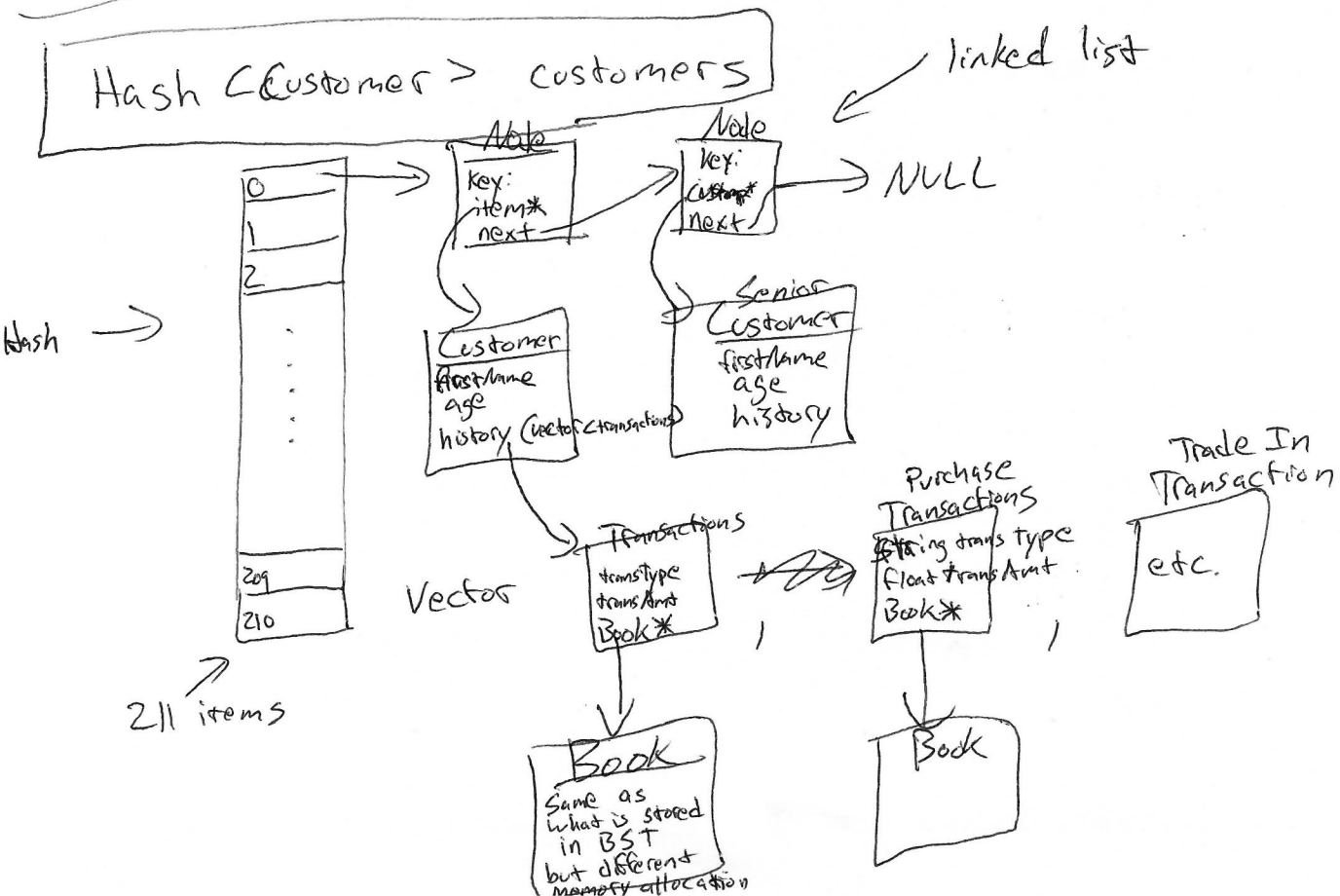
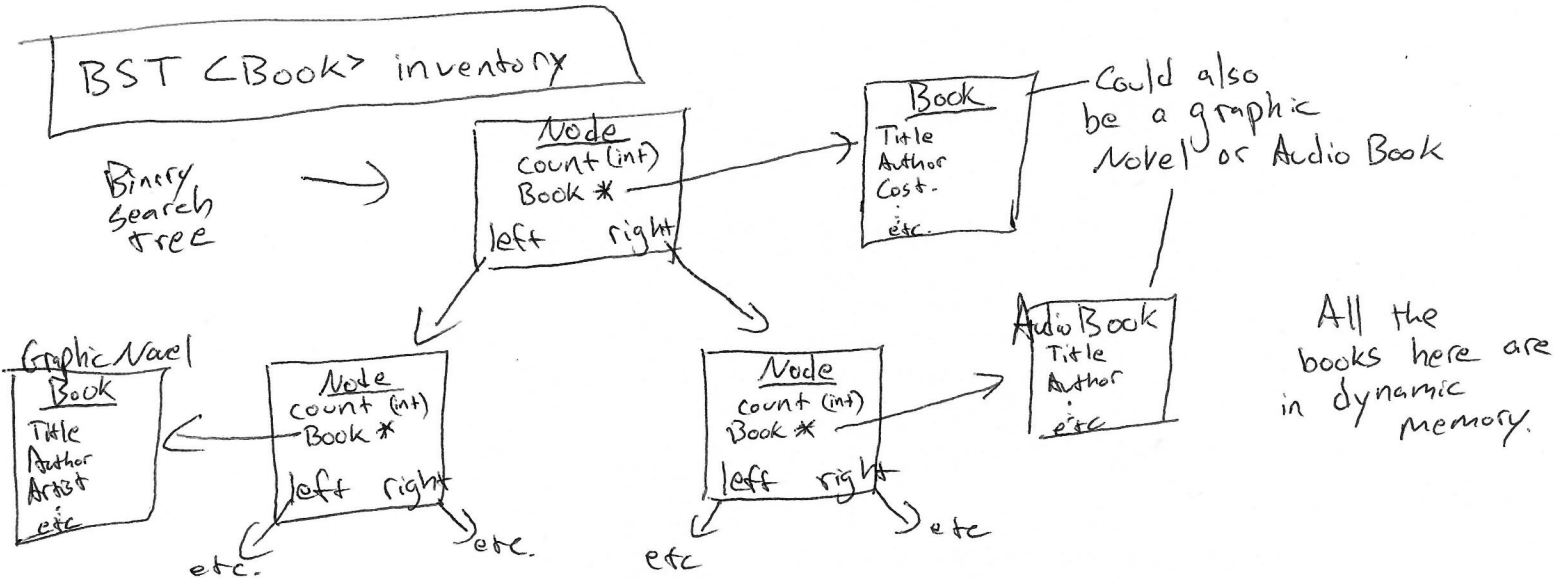


# Memory Diagrams

## BookStore

BST <Book> inventory

Hash <Customer> customers



# Class Diagram

## BookStore.h

BST <Book> inventory

Hash <Customer> customers

float balance

Ostream \* outStream

ostream \* errStream

## Book.h

string title

string author

float cost

enum quality

string type = "Book"

inherits from Book

inherits from Book

## AudioBook.h

string narrator  
string status = "AudioBook"

## Graphic Novel.h

string artist  
string status = "Graphic Novel"

## Customer.h

string firstName

string lastName

int age

float amtSpent

string status = "normal"

inherits from Customer

## Senior Customer.h

string status = "Senior"

## Transaction.h (Abstract)

string transType

float transAmt

Book \* refBook

## Purchase Transaction.h

## Trade In Transaction.h

## Return Transaction.h

} all inherit  
from  
Transaction.  
Override print  
function.