1. **Driver** sends 3 files to **BookStore**
2. **BookStore** sends customer.txt to **CustomerMangement**
3. **CustomerMangement** would create a **HashQuad of customer pointers**
4. **CustomerMangement** would read customers form txt file and create **customers**
5. **Customers** created are either normal customers or **SeniorCustomers**
6. **CustomerMangement** would add customer pointer to **HashQuad**
7. Iterate step 4-6 until all the customer are created
8. **CustomerMangement** would pass a pointer to the customer hashlist has to **BookStore**
9. **BookStore** sends Inventory.txt to **InventoryManagement**
10. **InventoryManagement** would create **HashLink** and **BST** of the books pointer
11. **InventoryManagement** would read a book and create a **book**
12. Book created are **standard book**, **audio book** or **graphic novel**
13. **InventoryManagement** would add book pointer to **HashLink** and **BST**
14. Iterate step 11-13 until all the books are created
15. **InventoryManagement** would pass a pointer to books **HashLink** and **BST** to the **BookStore**
16. **BookStore** would read the command file and create the **Transactions** accordingly and store them in a queue
17. **BookStore** would then execute the transactions from the **queue**
18. **Transaction** would either be **Purchase, Return, Trade, History, Inventory**
19. Individual transaction would run and make appropriate changes to customer list and book inventory