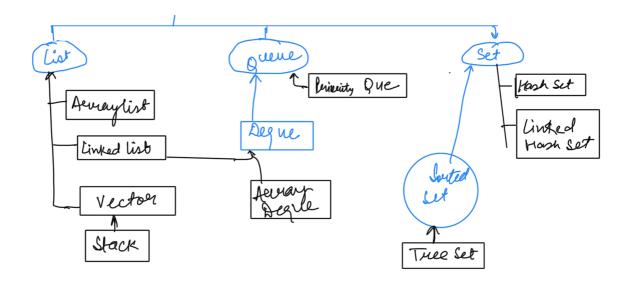
Java Collections Feramework

→ Interfaces - Abstract types the methods available a collection like set and map. → Implementation → Againtern	at define de on Anterfaces Algorithm Asta Skucture Implement action
A Implementation of Data Stewn List: Aewaylist, Linked Set: Hashset, Telese Queue: Linkedlist, Aewa Negueue: Linkedlist, Aewa Map: Hash Map, Teles	lest Vector, Stack will
# billetton Class (Implement binary search(), seet, min	ations, basic Algo) etc.
Greetion	Interface I Class implements Exp tends



* Generies

- Wente once use for any non-ferimitive data type

- Java collection use Genevis

- Generic class | Interface and method.

- Type Safety.

Object [] to Acreay ()
T [] to Acreay (T[7)

of Immulable Class

- Declare class as final so that it can't be extended.

> Data Members as perivate so that they were not accessible

I Data Membells Should be final so that value can't be changed after object cleation.

) A parameterized constructor should intialize fields doing deep copy to stoop modification of data members with object reference.

Deep copy of object in getter methods to entrum copy

eather than electroning object eleferience

q. containsall (q2); // evertuen seure is q contains all elements & q2 otherwise false
q. elements & q2 otherwise false
q. elements & q2 inq and
venores other
t. evenore all C+2); // evenoves all elements of t2 fews
t.
s. evenove if ((n) > (n%2 ==0))

Java Stellams

- trugam, Lunting is becerent in the collection interlace All