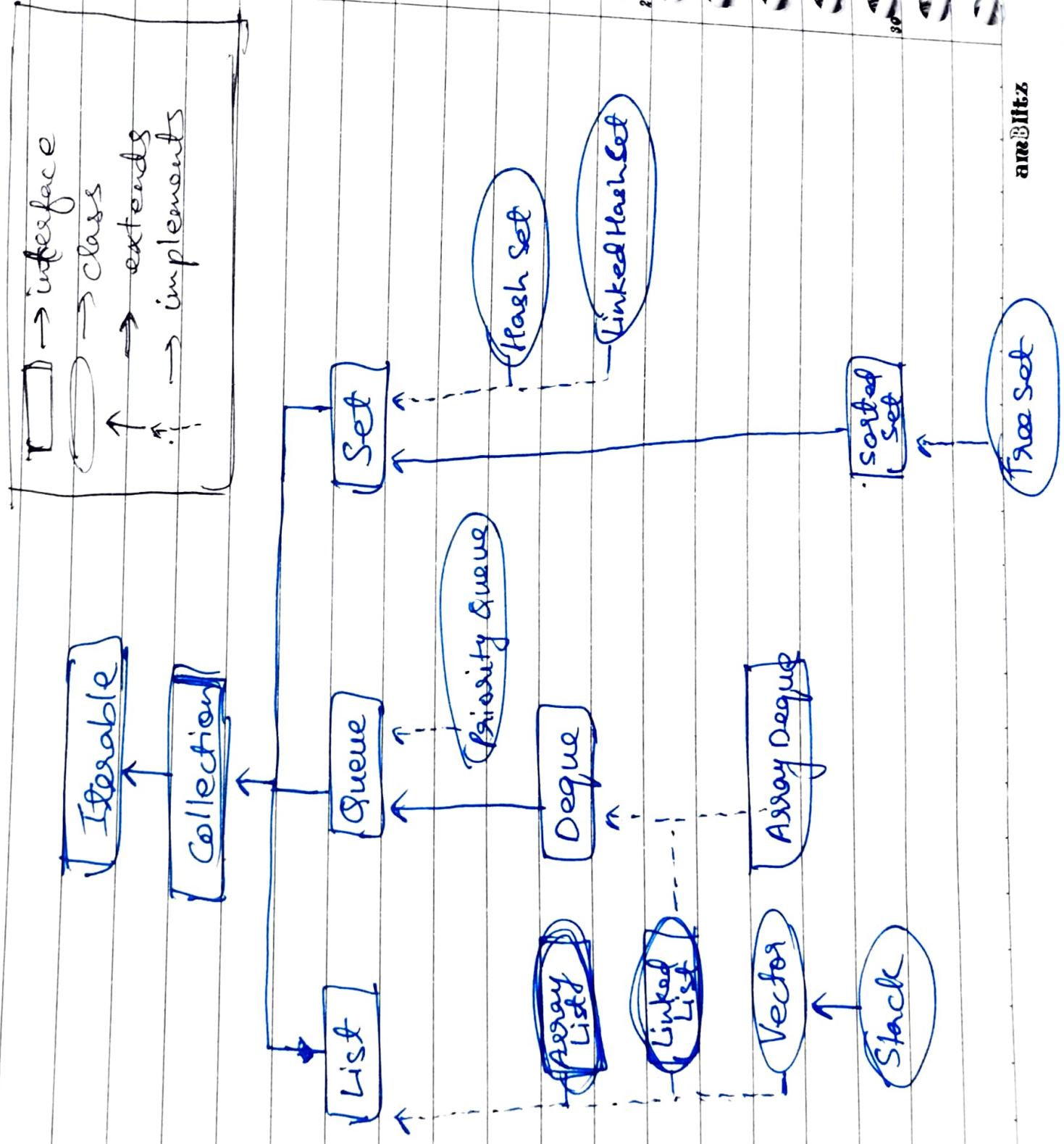


# Collections Framework



# ① List Interface :

List < data-type > l1 = new ArrayList();

List < data-type > l2 = new LinkedList();

List < data-type > l3 = new Vector();

List < data-type > l4 = new Stack();

## (i) ArrayList :

ArrayList <String> list = new ArrayList <String>();

## (ii) LinkedList :

LinkedList <String> ll = new LinkedList <String>();

## (iii) Vector :

Vector <Integer> v = new Vector <Integer>();

## (iv) Stack :

Stack <String> s = new Stack <String>();

## ② Queue Interface :

```
Queue<String> q1 = new PriorityQueue();  
Queue<String> q2 = new ArrayDeque();
```

## (i) PriorityQueue :

```
PriorityQueue<String> queue = new PriorityQueue  
    <String>();
```

## ③ Deque Interface :

```
Deque d = new ArrayDeque();
```

## (i) ArrayDeque :

```
Deque<String> deque = new ArrayDeque<String>();
```

## ④ Set interface :

```
Set<data-type> s1 = new HashSet<data-type>();  
Set<data-type> s2 = new At LinkedHashSet "  
Set<data-type> s3 = new TreeSet "
```

(i) HashSet :

HashSet<String> set = new HashSet<String>();

(ii) LinkedHashSet :

LinkedHashSet<String> set = new LinkedHashSet<String>();