```java
package structuredonnees.tablehachage;

import java.util.ArrayList;
import java.util.HashMap;
import java.util.Iterator;
import java.util.Set;

public class IndexMot {

    private HashMap<String, ArrayList<Integer>> index;

    public IndexMot() {
        this.index = new HashMap<>();
    }

    public boolean ajouterMot(String mot, Integer page) {
        boolean valide = false;
        if (!mot.isBlank() && page >= 0) {
            if (index.containsKey(mot)) {
                ArrayList<Integer> a = index.get(mot);
                if (!a.contains(page)) {
                    a.add(page);
                    index.put(mot, a);
                    valide = true;
                }
            } else {
                ArrayList<Integer> a = new ArrayList<>();
                a.add(page);
                index.put(mot, a);
                valide = true;
            }
        }
        return valide;
    }

    public ArrayList<Integer> getListeNumero(String mot) {
        return index.get(mot);
    }

    public ArrayList<String> getListeMot(int i) {
        ArrayList<String> mots = new ArrayList<>();
        Set<String> set = index.keySet();
        ArrayList<String> listeMot = (ArrayList<String>) set;
        for (int j = 0; j < listeMot.size(); j++) {
            // TODO finir
        }
    }
}
```