



```

public HashSet<Sommet> sommetsVoisins() {
    HashSet<Sommet> res = new HashSet<Sommet>();

    for (Arrete a : this.incidences) {
        Sommet v = a.autreExtremite(this);
    }
}

```

Question 7

Organisateur, Inviter, ServeurMail

Question 8

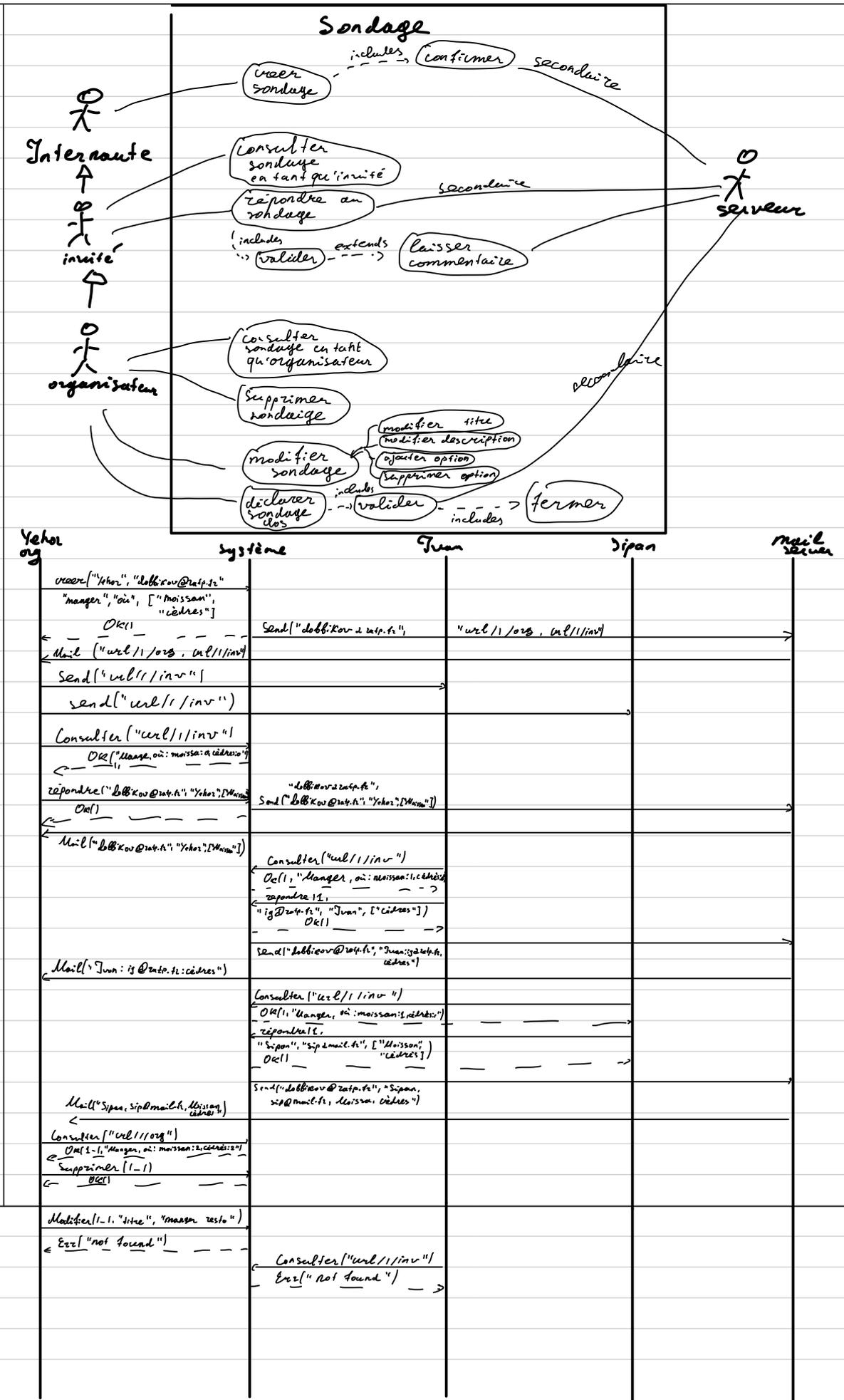
On peut généraliser Organisateur et Inviter en Intermante car tous les 2 peuvent consulter un sondage et créer un.

Question 9

- créer sondage, includes confirmer
- Consulter sondage
- répondre au sondage → includes valider → includes compter
- extends laisser commentaire
- supprimer sondage
- modifier titre
- modifier description
- ajouter options
- supprimer options
- declares sondage clos → valider → fermer

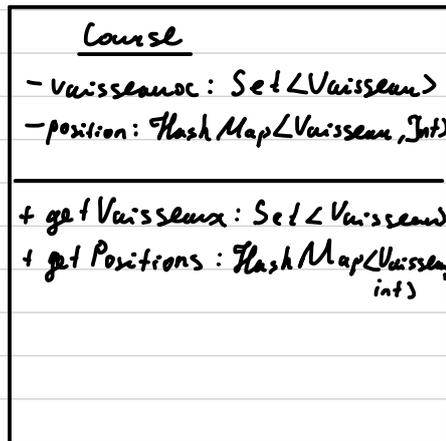
Question 10

créer sondage includes confirmer
 répondre au sondage includes valider includes compter
 ↳ aussi ↳ celle appelée mail
 extends laisser commentaire
 car c'est optionnel
 modifier titre, description, ajouter, supprimer option
 se généralise en modifier sondage

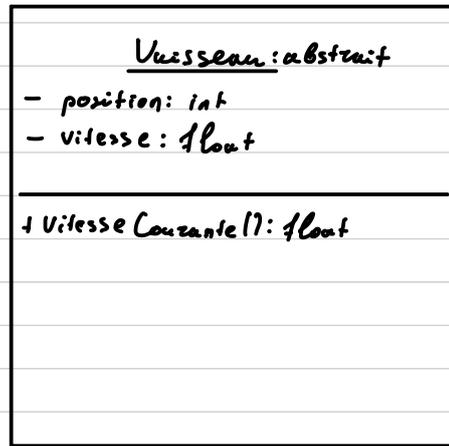


Yehor	systeme	Juan	Sipon	mail serveur
<pre> create(["Yehor", "dobbikov@yehor.fr", "manager", "oi", ["moissson", "cédres"]]) OK() Mail(["url/1/orq", "url/1/inv"]) Send(["url/1/inv"]) send(["url/1/inv"]) Consulter(["url/1/inv"]) OK(["manager", "oi", "moissson", "cédres"]) repondre(["dobbikov@yehor.fr", "Yehor", ["Moisson"]]) OK() Mail(["dobbikov@yehor.fr", "Yehor", ["Moisson"]]) </pre>	<pre> Send(["dobbikov@yehor.fr", "url/1/orq", "url/1/inv"]) Send(["dobbikov@yehor.fr", "Yehor", ["Moisson"]]) </pre>			
<pre> Mail(["Juan: is@yehor.fr: cedres"]) </pre>	<pre> Consulter(["url/1/inv"]) OK(["manager", "oi", "moissson", "cédres"]) repondre(["ig@yehor.fr", "Juan", ["cédres"]]) OK() Send(["dobbikov@yehor.fr", "Juan: is@yehor.fr: cedres"]) </pre>			
<pre> Mail(["Sipon: sip@mail.fr, moisson cedres"]) </pre>	<pre> Consulter(["url/1/inv"]) OK(["manager", "oi", "moissson", "cédres"]) repondre(["Sipon", "sip@mail.fr", ["Moisson", "cédres"]]) OK() Send(["dobbikov@yehor.fr", "Sipon, sip@mail.fr, moisson, cedres"]) </pre>			
<pre> Consulter(["url/1/orq"]) OK(["manager", "oi", "moissson", "cédres"]) Supprimer(["1-1"]) OK() </pre>				
<pre> Modifier(["1-1", "titre", "manager resto"]) Err["not found"] </pre>	<pre> Consulter(["url/1/inv"]) Err["not found"] </pre>			

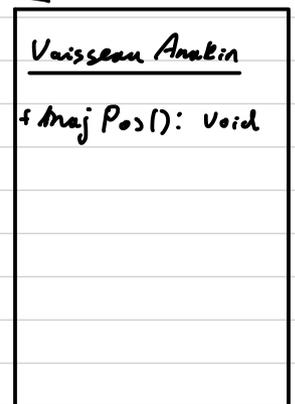
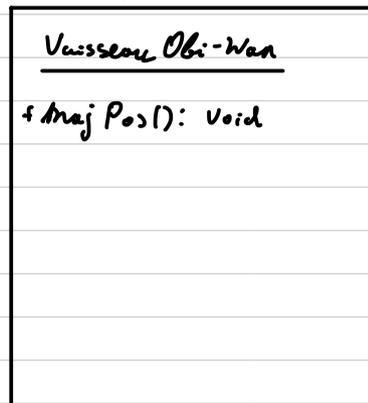
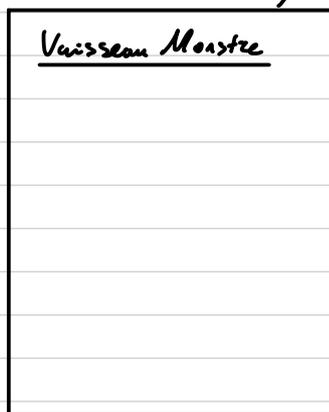
5



0..*



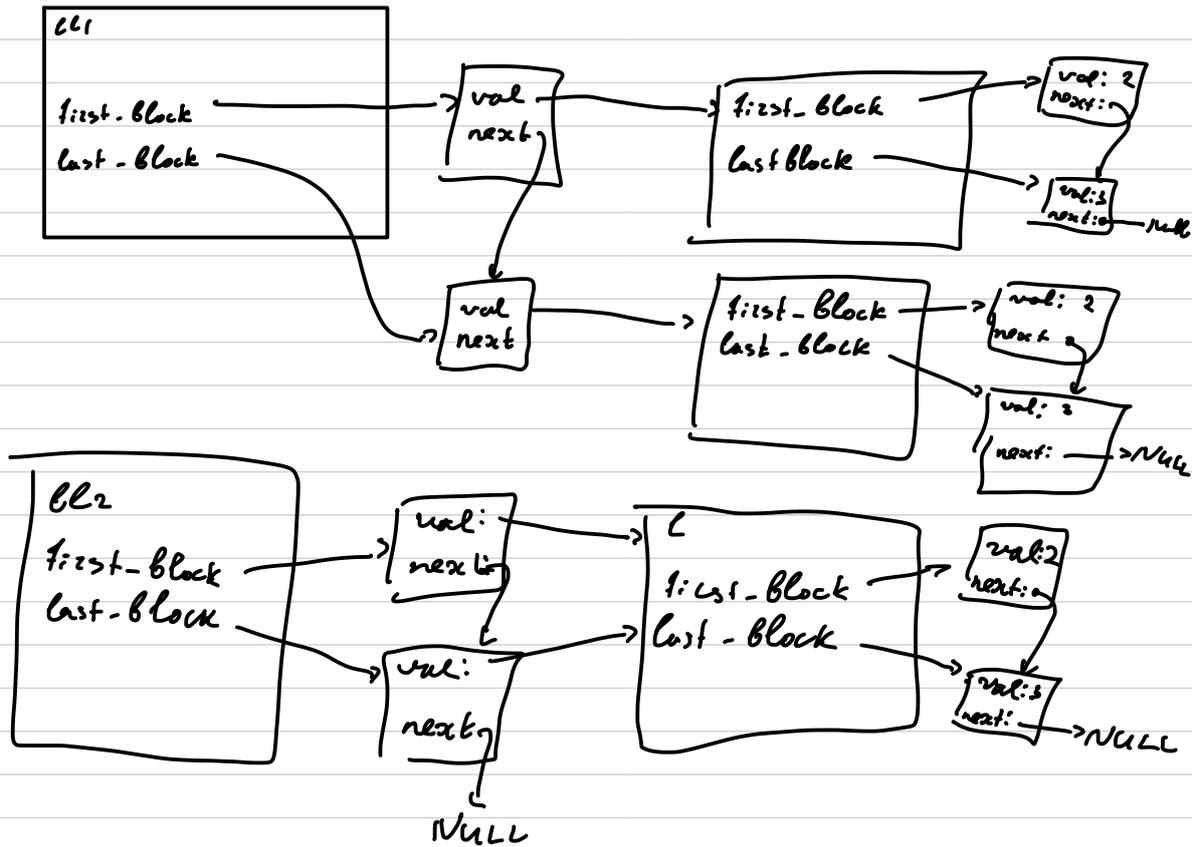
1..1



⑥ Question 15

List2 < List2 < Integer > > L;

Question 16



Question 17: Dans ll1 chaque nouveau élément pointe vers nouveau liste/block de mémoire

Dans ll2 tous les éléments pointe vers le même block de mémoire.

Question 18

