

```
1 using System;
2 using System.Collections.Generic;
3 using System.Collections;
4 using System.Linq;
5 using System.Text;
6 using System.Threading.Tasks;
7 using System.Runtime.Serialization.Formatters.Binary;
8 using System.IO;
9 using System.Windows.Forms;
10
11 namespace GestionCabinetMedical
12 {
13     [Serializable]
14     public class CabinetMedical
15     {
16         private List<Patient> listPatient = new List<Patient>();
17         private List<RendezVous> listRendezVous = new List<RendezVous>();
18
19         public List<Patient> ListPatient { get => listPatient; set =>
20             listPatient = value; }
21         public List<RendezVous> ListRendezVous { get => listRendezVous; set =>
22             listRendezVous = value; }
23
24         public CabinetMedical() { }
25
26         public Patient TrouverPatient(int codePatient)
27         {
28             foreach (Patient p in this.ListPatient)
29             {
30                 if (p.CodePatient == codePatient) return p;
31             }
32             return null;
33         }
34
35         public Patient TrouverPatient(string nomComplet)
36         {
37             foreach (Patient p in this.ListPatient)
38             {
39                 if ((p.Nom+ " "+p.Prenom).ToLower() == nomComplet.ToLower())
40                     return p;
41             }
42             return null;
43         }
44
45         public void AjouterRDV(RendezVous r)
46         {
47             bool occupe = false;
48             foreach (RendezVous rv in this.ListRendezVous)
49             {
50                 if ((r.DateRendezVous.Date == rv.DateRendezVous.Date) &&
51                     (r.HeureRendezVous == rv.HeureRendezVous)) occupe = true;
52             }
53             if (occupe) throw new Exception("La date du rendez vous est
54                 occupe");
55             else this.ListRendezVous.Add(r);
56         }
57     }
58 }
```

```
52
53     public RendezVous TrouverRendezVous(int codePatient)
54     {
55         foreach (RendezVous rv in this.ListRendezVous)
56         {
57             if (rv.CodePatient == codePatient) return rv;
58         }
59         return null;
60     }
61 }
62 }
63
```