

```
1 using System;
2 using System.Collections.Generic;
3 using System.ComponentModel;
4 using System.Data;
5 using System.Drawing;
6 using System.Linq;
7 using System.Text;
8 using System.Threading.Tasks;
9 using System.Windows.Forms;
10 using System.IO;
11 using System.Runtime.Serialization.Formatters.Binary;
12
13 namespace GestionCabinetMedical
14 {
15     [Serializable]
16     public partial class FormRendezVous : Form
17     {
18         Form1 f = new Form1();
19         CabinetMedical cm = new CabinetMedical();
20
21
22         public FormRendezVous()
23         {
24             InitializeComponent();
25         }
26
27         public FormRendezVous(Form1 f) : this()
28         {
29             this.f = f;
30         }
31
32         public void chargerCombo()
33         {
34             this.cmbCodePatient.Items.Clear();
35             foreach (Patient p in this.f.Cbm.ListPatient)
36             {
37                 this.cmbCodePatient.Items.Add(p.CodePatient);
38             }
39         }
40
41         public void chargerHeureCombo()
42         {
43             for (int i = 8; i < 18; i++)
44             {
45                 cmbHours.Items.Add(i.ToString());
46             }
47             for (int i = 00; i < 60; i += 15)
48             {
49                 cmbMinutes.Items.Add(i.ToString());
50             }
51         }
52
53         private void Vider()
54         {
55             this.cmbCodePatient.Text = null;
56             this.dtpDateRV.Value = DateTime.Now.Date;
```

```
57         this.lblnote.Visible = false;
58         this.cmbHours.Text = null;
59         this.cmbMinutes.Text = null;
60         lblnote.Visible = false;
61         dgRendezVous.ClearSelection();
62     }
63
64     private void FormRendezVous_Load(object sender, EventArgs e)
65     {
66         this.chargerHeureCombo();
67         this.chargerCombo();
68         this.ImporterDataFromFile();
69         this.Vider();
70     }
71
72     private void BtnAjouter_Click(object sender, EventArgs e)
73     {
74         try
75         {
76             int codePatient = int.Parse(this.cmbCodePatient.Text);
77
78             if (this.dtpDateRV.Value.Date < DateTime.Now.Date)
79             {
80                 this.lblnote.Visible = true;
81                 throw new Exception("Le date qui vous avez entre est  ⚡
82                     invalide");
83             }
84             DateTime dateRendezVous = this.dtpDateRV.Value.Date;
85
86             if (cmbHours.SelectedItem == null || cmbMinutes.SelectedItem  ⚡
87                 == null)
88             {
89                 this.lblnote.Visible = true;
90                 throw new Exception("Remplir tout les chams !");
91             }
92             string heureRendezVous = cmbHours.Text + ":" +  ⚡
93                 cmbMinutes.Text;
94
95             string observation = txtObservation.Text;
96
97             Patient p = this.f.Cbm.TrouverPatient(codePatient);
98
99             if (p.RendezVous != null) throw new Exception("Patient a deja  ⚡
100                 un rendez vous!");
101
102             RendezVous r = new RendezVous(codePatient, dateRendezVous,  ⚡
103                 heureRendezVous, observation);
104             this.f.Cbm.AjouterRDV(r);
105             p.RendezVous = r;
106             this.ChargerData();
107             this.chargerCombo();
108             this.Vider();
109         }
110         catch (Exception ex) { MessageBox.Show(ex.Message, "Error",  ⚡
111             MessageBoxButtons.OK); }
```

```
107
108     public void ImporterDataFromFile()
109     {
110         if (File.Exists("RendezVous.bin"))
111         {
112             BinaryFormatter f = new BinaryFormatter();
113             FileStream fs = new FileStream("RendezVous.bin",
114                                     FileMode.Open, FileAccess.Read);
115             this.f.Cbm.ListRendezVous = (List<RendezVous>)f.Deserialize
116                                     (fs);
117             fs.Close();
118             this.ChargerData();
119         }
120     }
121     public void SaveDataInFile()
122     {
123         BinaryFormatter f = new BinaryFormatter();
124         FileStream fs = new FileStream("RendezVous.bin", FileMode.Create,
125                                     FileAccess.Write);
126         f.Serialize(fs, this.f.Cbm.ListRendezVous);
127         fs.Close();
128     }
129     private void ChargerData()
130     {
131         this.dgRendezVous.Rows.Clear();
132         foreach (RendezVous rv in this.f.Cbm.ListRendezVous)
133         {
134             this.dgRendezVous.Rows.Add
135                 (rv.CodePatient, rv.DateRendezVous.ToShortDateString(),
136                 rv.HeureRendezVous, rv.Observation);
137         }
138     }
139     private void BtnExporter_Click(object sender, EventArgs e)
140     {
141         this.SaveDataInFile();
142     }
143     private void BtnImporter_Click(object sender, EventArgs e)
144     {
145         this.ImporterDataFromFile();
146     }
147     private void BtnFermer_Click(object sender, EventArgs e)
148     {
149         this.SaveDataInFile();
150         this.Close();
151     }
152     private void BtnSupprimer_Click(object sender, EventArgs e)
153     {
154         try
155         {
156             DialogResult res = MessageBox.Show("Voulez vous vraiment
157                                     supprimer ce rendez vous ?", "Confirmation",
158                                     MessageBoxButtons.OKCancel, MessageBoxIcon.Question);
159         }
160     }
```

```
156         if (res == DialogResult.OK)
157         {
158             int indice = int.Parse
159             (cmbCodePatient.SelectedItem.ToString());
160             RendezVous rv = this.f.Cbm.TrouverPatient
161             (indice).RendezVous;
162             if (rv!=null)
163             {
164                 this.f.Cbm.TrouverPatient(indice).RendezVous = null;
165                 this.f.Cbm.ListRendezVous.Remove
166                 (this.f.Cbm.TrouverRendezVous(indice));
167                 this.chargerCombo();
168                 this.ChargerData();
169                 this.Vider();
170             }
171             throw new Exception("Patient n'a pas un rendez vous !");
172         }
173     }
174 }
175
```