

```
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.Runtime.Serialization.Formatters.Binary;
11
12 namespace GestionCabinetMedical
13 {
14     [Serializable]
15     public partial class Form1 : Form
16     {
17         CabinetMedical cbm = new CabinetMedical();
18         public CabinetMedical Cbm { get => cbm; set => cbm = value; }
19
20         public Form1()
21         {
22             InitializeComponent();
23             this.timer1.Start();
24         }
25
26         private void ChargerCombo()
27         {
28             this.cmbRecherchePar.Items.Add("Code Patient");
29             this.cmbRecherchePar.Items.Add("Nom Complet");
30         }
31
32         private void Form1_Load(object sender, EventArgs e)
33         {
34             this.ChargerCombo();
35             FormPatient fp = new FormPatient(this);
36             fp.ImporterDataFromFile();
37             FormRendezVous fr = new FormRendezVous(this);
38             fr.ImporterDataFromFile();
39             this.lblNombrePatient.Text = this.Cbm.ListPatient.Count.ToString
40                 ();
41         }
42
43         private void BtnFermer_Click(object sender, EventArgs e)
44         {
45             FormPatient fp = new FormPatient(this);
46             fp.SaveDataInFile();
47             FormRendezVous fr = new FormRendezVous(this);
48             fr.SaveDataInFile();
49             Environment.Exit(0);
50         }
51
52         private void BtnPatient_Click(object sender, EventArgs e)
53         {
54             FormPatient fp = new FormPatient(this);
55             fp.ShowDialog();
56             this.Vider();
57         }
58     }
59 }
```

```
56     }
57
58     private void BtnRendezVous_Click(object sender, EventArgs e)
59     {
60         FormRendezVous fr = new FormRendezVous(this);
61         fr.ShowDialog();
62         this.Vider();
63     }
64
65     private void BtnRechercher_Click(object sender, EventArgs e)
66     {
67         try
68         {
69             if ((cmbRecherchePar.SelectedItem==null) ||
70                 (txtRechercher.Text==""))
71             {
72                 throw new Exception("Remplir tout les champs!");
73             }
74             else if (cmbRecherchePar.Text == "Code Patient")
75             {
76                 Patient p = this.Cbm.TrouverPatient(int.Parse
77                 (txtRechercher.Text));
78                 if (p==null) throw new Exception("Patient n'est pas
79                 trouver !!");
80                 txtCodePatient.Text = p.CodePatient.ToString();
81                 txtNom.Text = p.Nom;
82                 txtPrenom.Text = p.Prenom;
83                 dtpDateNaissance.Text = p.DateNaissance.ToShortDateString
84                 ();
85                 if (p.Sexe=="M") rbm.Checked = true;
86                 else rbf.Checked = true;
87                 txtAdresse.Text = p.Adresse;
88                 txtTelephone.Text = p.Tel;
89                 txtEmail.Text = p.Email;
90                 listBox1.Items.Clear();
91                 RendezVous rv = this.Cbm.TrouverRendezVous(p.CodePatient);
92                 if (rv!=null) listBox1.Items.Add(rv);
93             }
94             else if (cmbRecherchePar.Text == "Nom Complet")
95             {
96                 Patient p = this.Cbm.TrouverPatient(txtRechercher.Text);
97                 if (p == null) throw new Exception("Patient n'est pas
98                 trouver !!");
99                 txtCodePatient.Text = p.CodePatient.ToString();
100                 txtNom.Text = p.Nom;
101                 txtPrenom.Text = p.Prenom;
102                 dtpDateNaissance.Text = p.DateNaissance.ToShortDateString
103                 ();
104                 if (p.Sexe == "M") rbm.Checked = true;
105                 else rbf.Checked = true;
106                 txtAdresse.Text = p.Adresse;
107                 txtTelephone.Text = p.Tel;
108                 txtEmail.Text = p.Email;
109                 listBox1.Items.Clear();
110                 RendezVous rv = this.Cbm.TrouverRendezVous(p.CodePatient);
111                 if (rv != null) listBox1.Items.Add(rv);
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106         }
107     }
108     catch (Exception ex)
109     {
110         MessageBox.Show(ex.Message, "Error", MessageBoxButtons.OK,
111             MessageBoxIcon.Information);
112     }
113     public void Vider()
114     {
115         this.listBox1.Items.Clear();
116         this.txtRechercher.Text = null;
117         txtNom.Text = null;
118         txtPrenom.Text = null;
119         txtAdresse.Text = null;
120         txtEmail.Text = null;
121         txtTelephone.Text = null;
122         rbf.Checked = false;
123         rbm.Checked = false;
124         txtCodePatient.Text = null;
125         dtpDateNaissance.Value = DateTime.Now.Date;
126     }
127
128     private void Timer1_Tick(object sender, EventArgs e)
129     {
130         this.lblTime.Text = DateTime.Now.ToString("HH:mm:ss");
131         this.lblToday.Text = DateTime.Now.ToString("dd MMMM yyyy");
132     }
133 }
134 }
135
```