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1. LOGIN FORM (DESIGN)

Login

PWD PROFILING
SYSTEM

PAMAHALAANG BARANGAY
KARUHATAN
VALENZUELA KALAKHANG MAYNILA

Login

Username

user

Password

Login

Exit

2. REGISTRATION FORM (DESIGN)

Form2

PWD INFORMATION

ID: 1375040080002VC

Last Name

First Name

Middle Name

Age

Gender

Birthdate

Upload

TYPE OF DISABILITY

☐ Hearing Disability

☐ Chronic Illness

☐ Mental Disability

☐ Visual Disability

☐ Speech Disability

☐ Orthopedic Disability

☐ Learning Disability

☐ Psychosocial disability

Add

GUARDIAN

Last Name

First Name

Middle Name

Contact No.

House No.

Address

Validity of registration

Register

Clear

Search

Modify

Delete

Log out

v1.0

3. SEARCH FORM

Form3

PWD INFORMATION

Last Name

First Name

Middle Name

Disability

Search

Update

Delete

GUARDIAN

Last Name

First Name

Middle Name

House No.

Address

ID: ID_NUMBER

Validity : ID_NUMBER

	ID_NUMBER	LAST_NAME	FIRST_NAME	MIDDLE_NAME	AGE	GENDER	BIRTHDAY	DISABILITY	GUARDIAN	CONTACT_NO	HOUS
*											

// CODE

1. LOGIN FORM (CODE)

```
18         InitializeComponent();
19     }
20     SqlConnection conn = new SqlConnection(@"Data Source=LAPTOP-C7UPEA7A;Initial Catalog=loginForm;Integrated Security=True");
21
22     private void button1_Click(object sender, EventArgs e)
23     {
24         if (string.IsNullOrEmpty(textBox1.Text))
25         {
26             MessageBox.Show("username is required", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);
27             return;
28         }
29         if (string.IsNullOrEmpty(textBox2.Text))
30         {
31             MessageBox.Show("password is required", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);
32             return;
33         }
34
35         String username, password;
36         username = textBox1.Text;
37         password = textBox2.Text;
38
39         try
40         {
41             String query = "SELECT * FROM accTbl WHERE username= '" + textBox1.Text + "' AND password = '" + textBox2.Text + "'";
42             SqlDataAdapter sda = new SqlDataAdapter(query, conn);
43             DataTable dt = new DataTable();
44             sda.Fill(dt);
45
46             if (dt.Rows.Count > 0)
47             {
48                 username = textBox1.Text;
49                 password = textBox2.Text;
50
51                 //page to load
52
53                 Form2 form2 = new Form2();
54                 form2.Show();
55                 this.Hide();
56             }
57             else
58             {
59                 MessageBox.Show("Invalid login credentials \nCheck username or password", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);
60                 textBox1.Clear();
61                 textBox2.Clear();
62
63                 //focus username
64                 textBox1.Focus();
65             }
66         }
67     }
68 }
```

2. REGISTRATION FORM (CODE)

```
// CONNECTION STRING
SqlConnection conn = new SqlConnection(@"Data Source=LAPTOP-C7UPEA7A;Initial Catalog=records_of_pmd;Integrated Security=True");

//GLOBAL VARIABLE FOR ID_NUMBER AND PREFIX
double val = 1375040000000;
string prefix = "VC";
string imgLocation = "";

//REGISTER BUTTON
1 reference
private void button1_Click(object sender, EventArgs e)
{
    //TEXT BOX NULL CHECKER
    IF_txtboxblank();

    // AGE IS INT DATA TYPE
    int age = Convert.ToInt32(Agetxtbox.Text);

    //UPLOADING IMAGE IN PICTUREBOX

    byte[] images = null;
    FileStream stream = new FileStream(imgLocation, FileMode.Open, FileAccess.Read);
    BinaryReader reader = new BinaryReader(stream);
    images = reader.ReadBytes((int)stream.Length);

    // SQL COMMAND INSERTING DATA TO DATABASE
    conn.Open();
    SqlCommand cmd = new SqlCommand(@"INSERT INTO [dbo].[pmd_recordTbl]
([ID_NUMBER]
[LAST_NAME]
[FIRST_NAME]
[MIDDLE_NAME]
[AGE]
[GENDER]
[BIRTHDAY]
[DISABILITY]
[GUARDIAN]
[CONTACT_NO]
[HOUSE_NO]
[ADDRESS]
[VALIDITY]
[IMAGE_FILE])
VALUES
(' + regisLabel.Text + ',' + lastnameBox.Text + ',' + firstnameBox.Text + ',' + middlenameBox.Text + ',' + age + ', ' + genderCbox.SelectedItem.ToString() + ',' + birthdateBox.Text +
cmd.Parameters.Add(new SqlParameter("@images", images));
cmd.ExecuteNonQuery();
conn.Close();
}

//LOGS OUT BUTTON
1 reference
private void button2_Click_1(object sender, EventArgs e)
{
    Form1 form1 = new Form1();
    form1.Show();
    this.Close();
}

//AUTO GENERATING ID, INCREMENTING EVERY REGISTER
2 references
private void AUTO_ID()
{
    conn.Open();
    SqlCommand cmd2 = new SqlCommand("SELECT (count(ID_NUMBER)) FROM [pmd_recordTbl]", conn);
    int i = Convert.ToInt32(cmd2.ExecuteScalar());
    conn.Close();
    i++;
    regisLabel.Text = Convert.ToString(val + i) + prefix;
}

//PRE LOADING THE AUTO ID FUNCTION
1 reference
private void Form2_Load(object sender, EventArgs e)
{
    label11.BackColor = Color.Transparent;
    AUTO_ID();
}

//TEXTBOX NULL CHECKER
1 reference
private void IF_txtboxblank()
{
    if (string.IsNullOrEmpty(lastnameBox.Text))
    {
        MessageBox.Show("lastName is required"); return;
    }
    if (string.IsNullOrEmpty(firstnameBox.Text))
    {
        MessageBox.Show("firstName is required"); return;
    }
    if (string.IsNullOrEmpty(middlenameBox.Text))
    {
        MessageBox.Show("middleName is required"); return;
    }
    if (string.IsNullOrEmpty(Agetxtbox.Text))
    {
        MessageBox.Show("Age is required"); return;
    }
    if (string.IsNullOrEmpty(GlastnameBox.Text))
    {
        MessageBox.Show("lastName for guardian is required"); return;
    }
    if (string.IsNullOrEmpty(GfirstnameBox.Text))
    {
        MessageBox.Show("firstName for guardian is required"); return;
    }
    if (string.IsNullOrEmpty(GmiddlenameBox.Text))
    {
        MessageBox.Show("middleName for Guardian is required"); return;
    }
    if (string.IsNullOrEmpty(contactnumBox.Text))
    {
        MessageBox.Show("contactNumber is required"); return;
    }
    if (string.IsNullOrEmpty(housenumBox.Text))
    {
        MessageBox.Show("houseNumber is required"); return;
    }
}
```

```

142
143 // CLEARING ALL COMPONENTS AFTER REGISTER
144 private void txtBoxClear()
145 {
146     lastnameBox.Text = "";
147     firstnameBox.Text = "";
148     middlenameBox.Text = "";
149     Agetxtbox.Text = "";
150     genderCbox.Text = "";
151     birthdateBox.Text = "";
152     validityBox.Text = "";
153     disabilitybox.Text = "";
154     GlastnameBox.Text = "";
155     GfirstnameBox.Text = "";
156     GmiddlenameBox.Text = "";
157     contactnumBox.Text = "";
158     housenumBox.Text = "";
159     addressBox.Text = "";
160     hearingCB.Checked = false;
161     mentalCB.Checked = false;
162     speechCB.Checked = false;
163     learningCB.Checked = false;
164     chronicCB.Checked = false;
165     visualCB.Checked = false;
166     orthopedicCB.Checked = false;
167     psychosocialCB.Checked = false;
168     pictureBox1.Image = null;
169 }
170
171 //CLEAR BUTTON
172 private void button7_Click(object sender, EventArgs e)
173 {
174     txtBoxClear();
175 }
176
177

```

```

179 // DISABILITIES CHECKBOX AND CONDITIONS FOR TEXTBOX TEXT
180 private void button8_Click(object sender, EventArgs e)
181 {
182     int num_checked = 0;
183     string output = "";
184
185     if (hearingCB.Checked)
186     {
187         output += "Hearing Disability";
188         num_checked++;
189     }
190     if (mentalCB.Checked)
191     {
192         if (num_checked > 0)
193         {
194             output += "/";
195         }
196         output += "Mental Disability";
197         num_checked++;
198     }
199     if (speechCB.Checked)
200     {
201         if (num_checked > 0)
202         {
203             output += "/";
204         }
205         output += "Speech Impairment";
206         num_checked++;
207     }
208     if (learningCB.Checked)
209     {
210         if (num_checked > 0)
211         {
212             output += "/";
213         }
214         output += "Learning Disability";
215         num_checked++;
216     }
217     if (chronicCB.Checked)
218     {
219         if (num_checked > 0)
220         {
221             output += "/";
222         }
223         output += "Chronic Illness";
224         num_checked++;
225     }
226     if (visualCB.Checked)
227     {
228         if (num_checked > 0)
229         {
230             output += "/";
231         }
232     }
233 }

```

```

    }
    if (orthopedicCB.Checked)
    {
        if (num_checked > 0)
        {
            output += "/";
        }
        output += "Orthopedic Disability";
        num_checked++;
    }
    if (psychosocialCB.Checked)
    {
        if (num_checked > 0)
        {
            output += "/";
        }
        output += "Psychosocial Disability";
        num_checked++;
    }

    if (num_checked == 0)
    {
        output = "No Disabilities";
    }
    else if (num_checked >= 3)
    {
        output = "Multiple Disabilities";
    }

    disabilitybox.Text = output;
}

1 reference
private void button3_Click(object sender, EventArgs e)
{
    OpenFileDialog dialog = new OpenFileDialog();
    dialog.Filter = "png files(*.png)|*.png|jpg files(*.jpg)|*.jpg|All files(*.*)|*.*";
    if (dialog.ShowDialog() == DialogResult.OK)
    {
        imgLocation = dialog.FileName.ToString();
        pictureBox1.ImageLocation = imgLocation;
    }
}
}

```