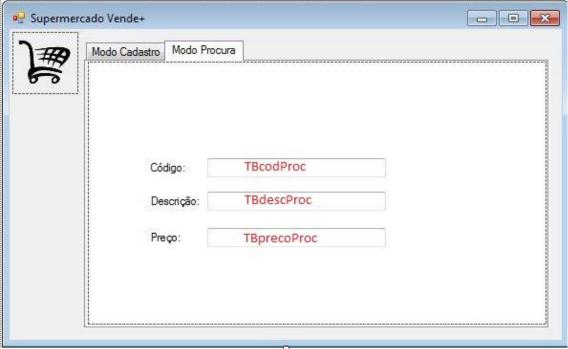INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO RIO DE JANEIRO
CAMPUS NILO PEÇANHA - PINHEIRAL
CURSO SUPERIOR DE LICENCIATURA EM COMPUTAÇÃO
LINGUAGEM DE PROGRAMAÇÃO II - PROF. ROBERTO PIRES

PROGRAMA MERCADO VENDE+

INTERFACE

CÓDIGO

```vbnet
Public Class Form1

    Dim posicao As Integer = 1
    Dim quantprod As Integer = 5
    Dim codigo(quantprod) As String
    Dim descricao(quantprod) As String
    Dim preco(quantprod) As String
    Dim achou As Boolean

    Private Sub atualizatela()
        TBposicao.Text = posicao
        TBcodigo.Text = codigo(posicao)
        TBdescricao.Text = descricao(posicao)
        TBpreco.Text = preco(posicao)
    End Sub

    Private Sub trava()
        BTsalva.Enabled = False
        BTedita.Enabled = True
        BTdeleta.Enabled = True
        TBcodigo.Enabled = False
        TBdescricao.Enabled = False
        TBpreco.Enabled = False
        BTanterior.Enabled = True
        BTproximo.Enabled = True
        BTnovo.Enabled = True
    End Sub

    Private Sub destrava()
        TBcodigo.Enabled = True
        TBdescricao.Enabled = True
        TBpreco.Enabled = True
        BTsalva.Enabled = True
        BTedita.Enabled = False
        BTdeleta.Enabled = False
        BTanterior.Enabled = False
        BTproximo.Enabled = False
        BTnovo.Enabled = False
        TBcodigo.Focus()
    End Sub

    Private Sub BTedita_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles BTedita.Click
        destrava()
    End Sub

    Private Sub BTsalva_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles BTsalva.Click
        codigo(posicao) = TBcodigo.Text
        descricao(posicao) = TBdescricao.Text
        preco(posicao) = TBpreco.Text
        trava()
    End Sub
```

```vbnet
    Private Sub BTdeleta_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles BTdeleta.Click
        If MsgBox("Tem certeza?", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then
            TBcodigo.Text = ""
            TBdescricao.Text = ""
            TBpreco.Text = ""
            codigo(posicao) = ""
            descricao(posicao) = ""
            preco(posicao) = ""
        End If
    End Sub

    Private Sub BTanterior_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles BTanterior.Click
        If posicao = 1 Then
            posicao = quantprod
        Else
            posicao = posicao - 1
        End If
        atualizatela()
    End Sub

    Private Sub BTproximo_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles BTproximo.Click
        If posicao = quantprod Then
            posicao = 1
        Else
            posicao = posicao + 1
        End If
        atualizatela()
    End Sub

    Private Sub BTnovo_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BTnovo.Click
        For cont As Integer = 1 To quantprod
            If achou = False Then
                If codigo(cont) = "" Then
                    achou = True
                    posicao = cont
                End If
            End If
        Next
        If achou = False Then
            MsgBox("Não há espaço em memória.", MsgBoxStyle.Critical)
        Else
            atualizatela()
            destrava()
        End If
        achou = False
    End Sub

    Private Sub TBcodProc_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles TBcodProc.TextChanged
        If Len(TBcodProc.Text) = 13 Then
            For cont As Integer = 1 To quantprod
                If TBcodProc.Text = codigo(cont) Then
                    achou = True
                    TBdescProc.Text = descricao(cont)
                    TBprecoProc.Text = preco(cont)
                End If
```

```vbnet
                Next
                If achou = False Then
                    TBdescProc.Text = "Produto não cadastrado"
                    TBprecoProc.Text = ""
                End If
                achou = False
                TBcodProc.Text = ""
            End If
        End Sub
    End Class
```