Pct. 1 Meniu Aplicatie

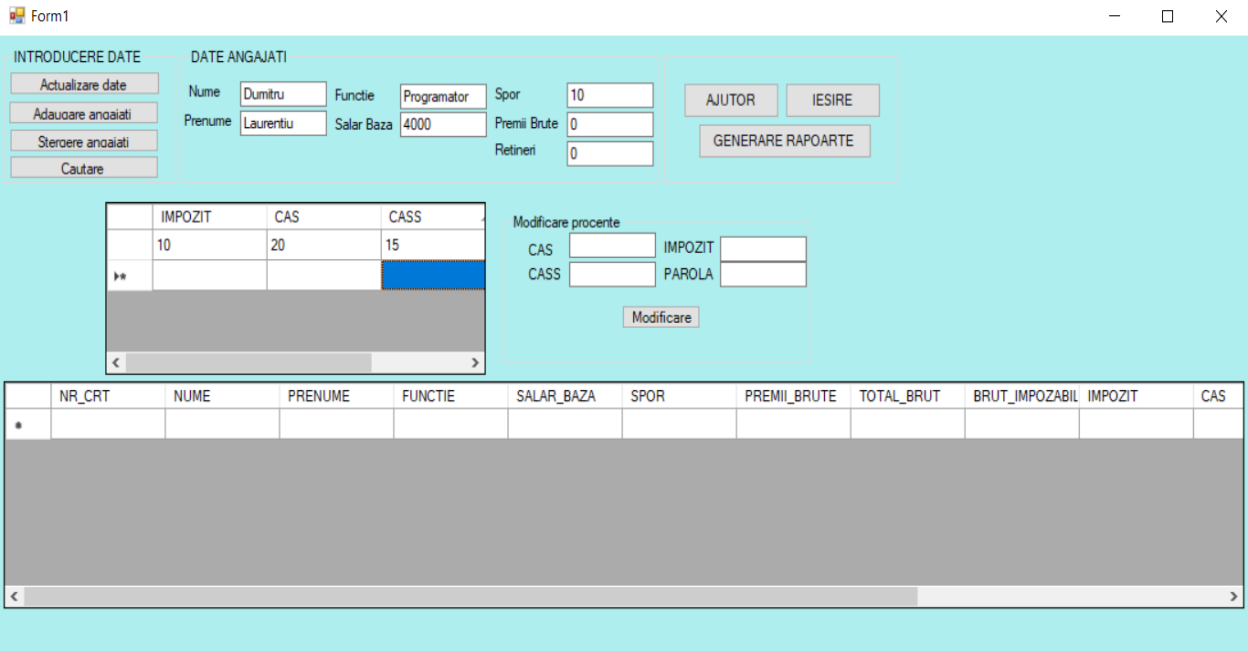


Fig. 1.1 Pagina start aplicatie si meniu

Pct. 2 Adaugare Angajat

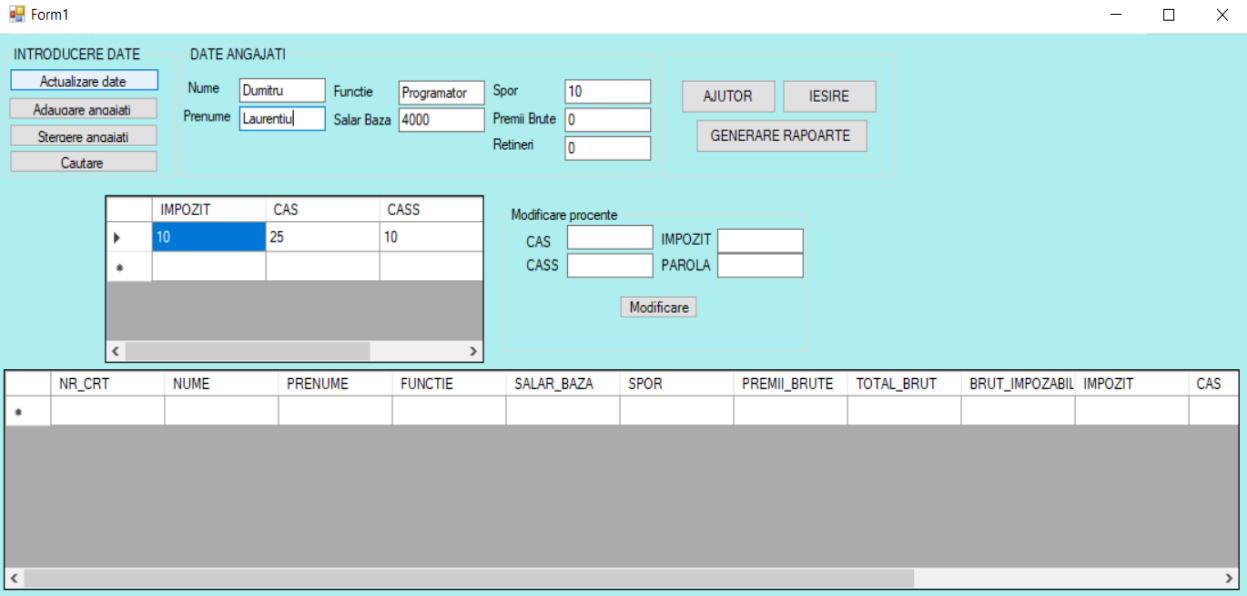


Fig. 2.1 Adaugare cu date valide

- am adaugat inca un mic screenshot peste pentru a se vedea si restul detaliilor angajatului

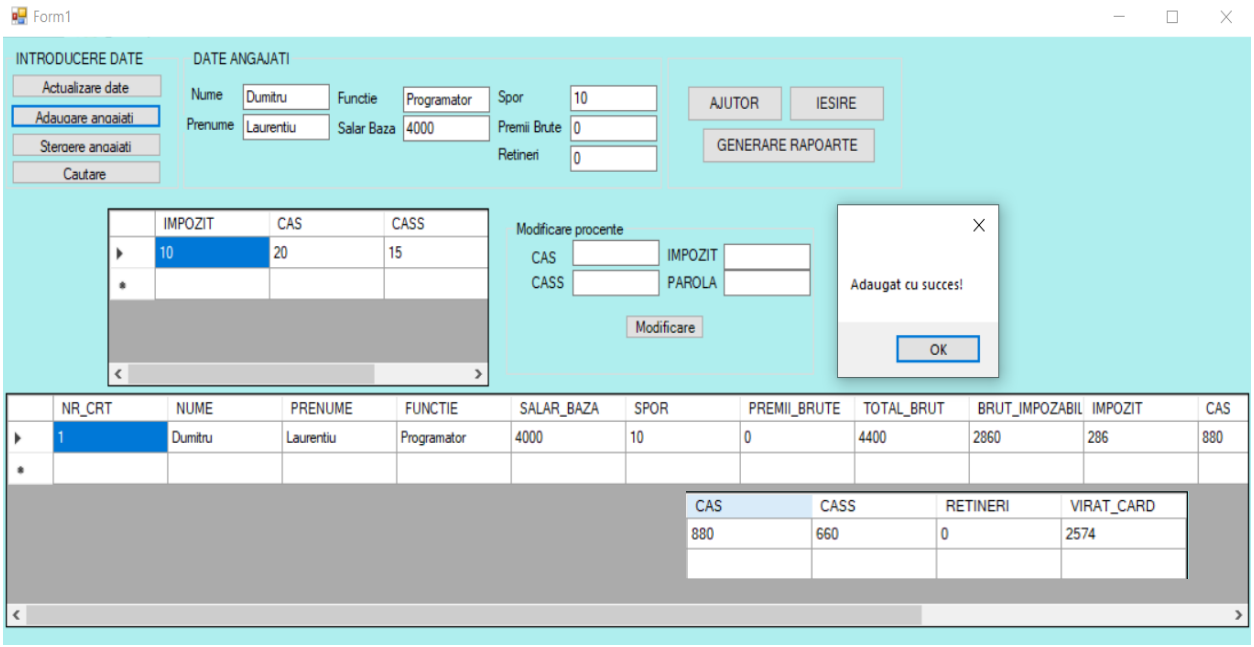


Fig. 2.2 Confirmare adaugare cu date valide.

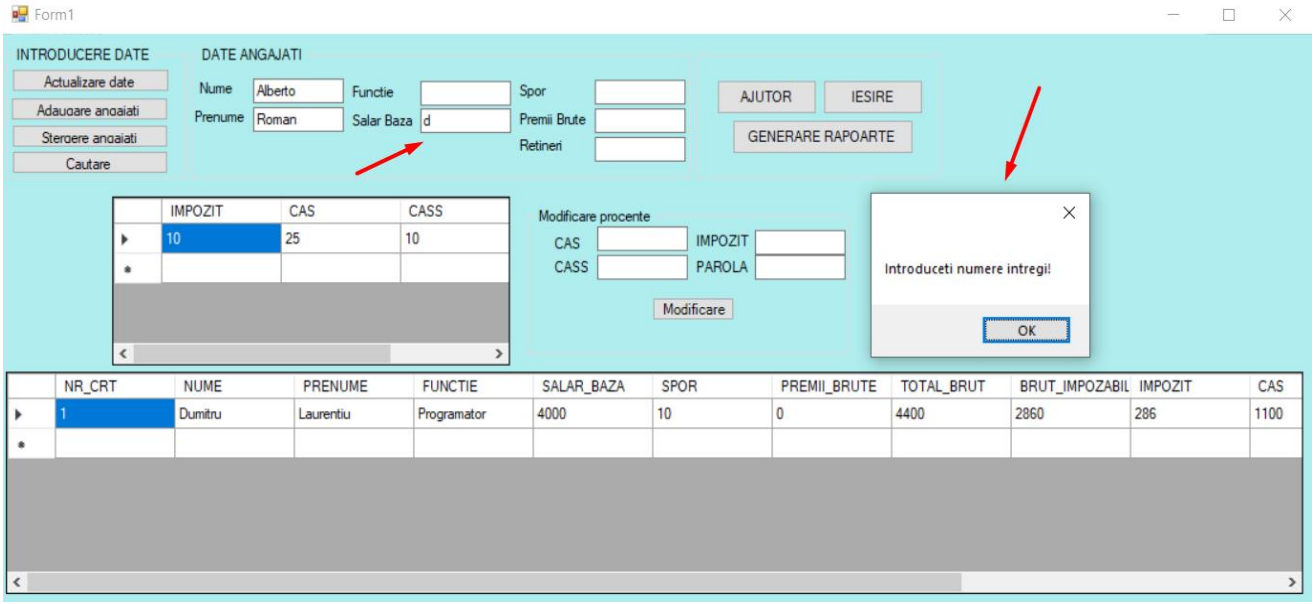


Fig. 2.3.1 Semnalare introducere gresita de date.

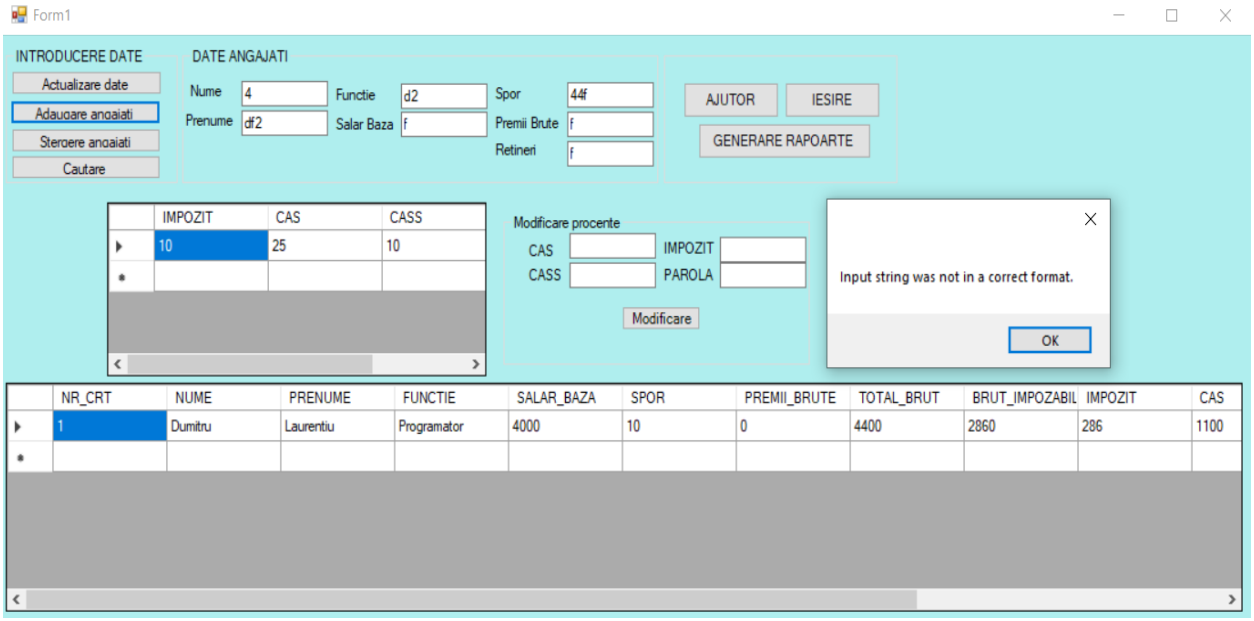


Fig. 2.3.2 Incercare adaugare cu date eronate.

Pct. 3 Actualizare date angajat

- Administratorul bazei de date poate sa actualizeze datele unui angajat prin selectarea randului cu angajatul a carui date se vor modificate.

- In cazul in care acesta selecteaza un rand gol si apasa pe butonul de actualizare a datelor nu se intampla nimic.

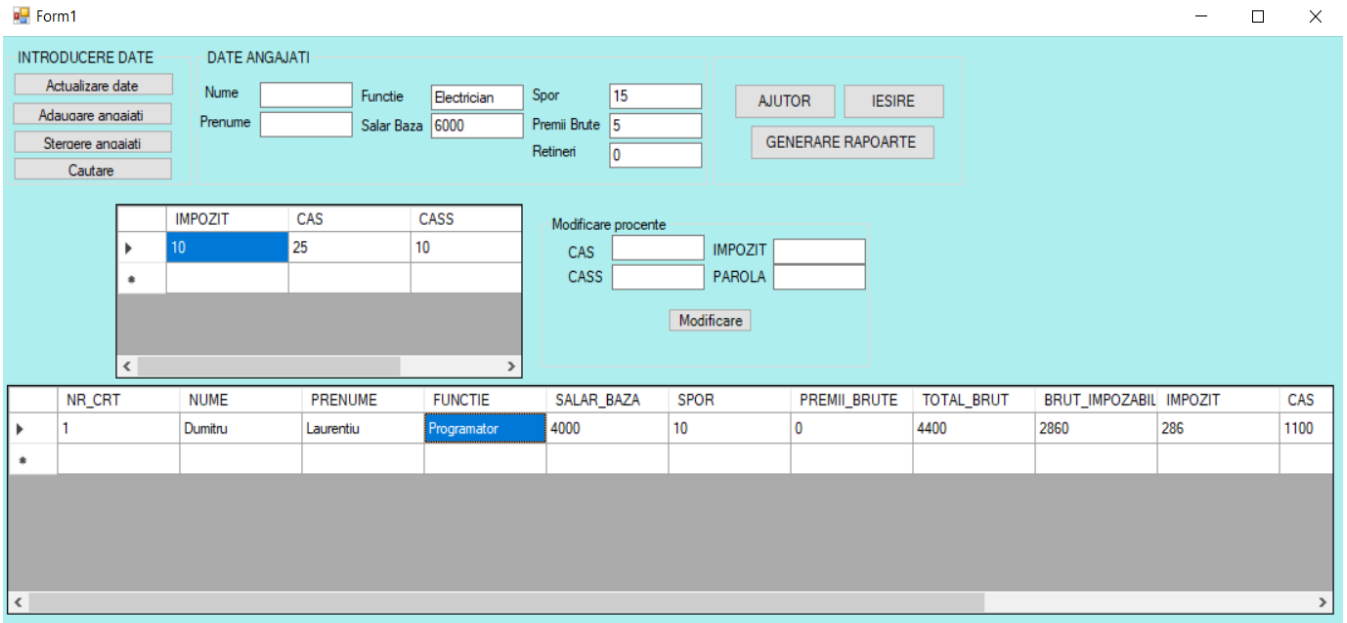


Fig. 3.1 Completare date valide

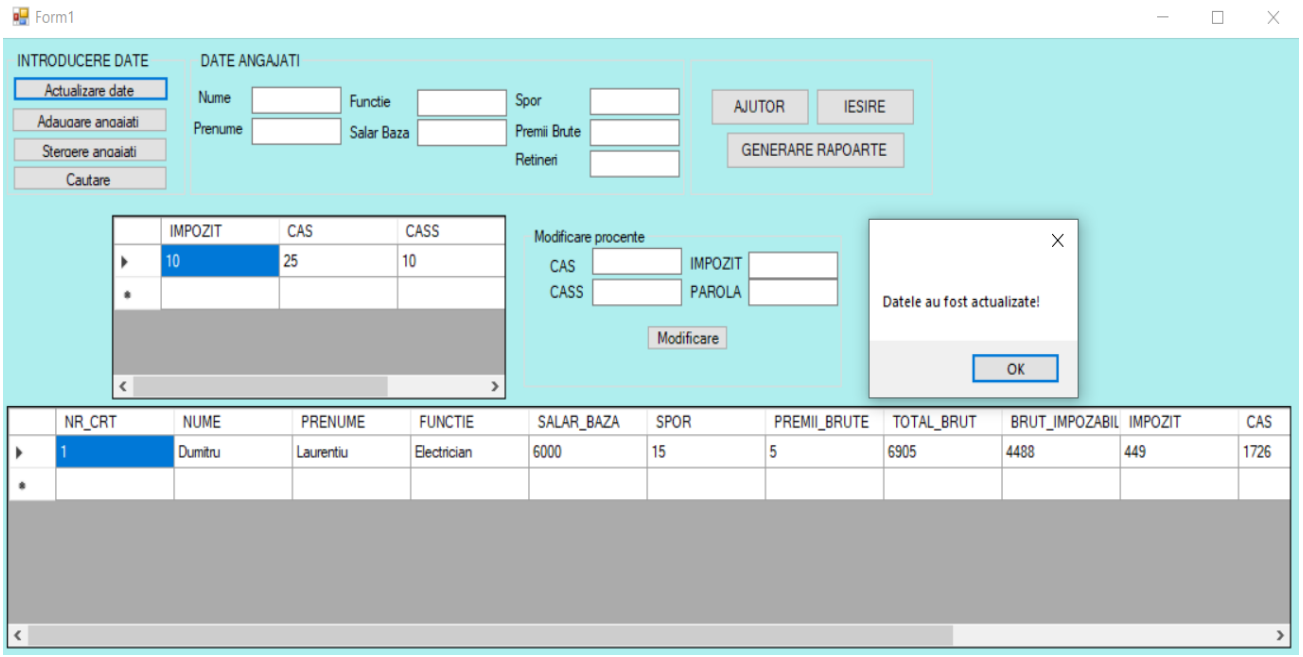


Fig. 3.2 Actualizare cu date valide.

- asemeni adaugarii, utilizatorului nu ii este permis sa adauge caractere gresite in casetele de text (numere la litere si invers)

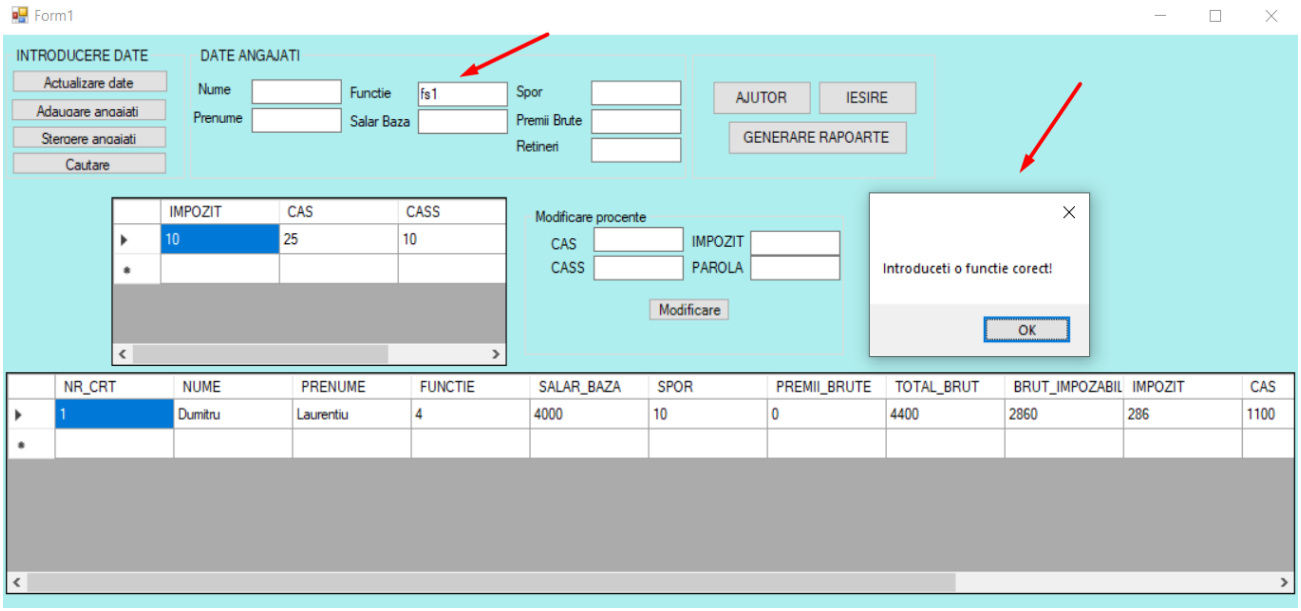


Fig. 3.3.1 Introducere date invalide pentru actualizare.

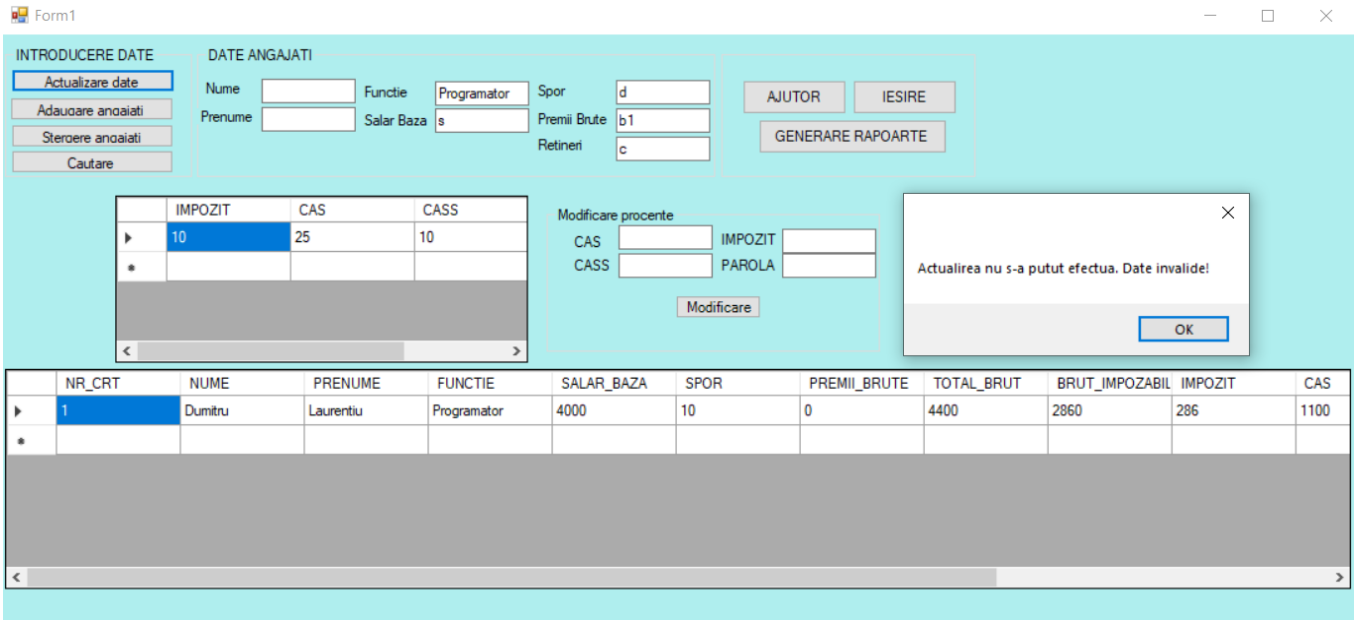


Fig. 3.3.2 Incercare actualizare cu date invalide.

Pct. 4 Stergere angajat

- Administratorul bazei de date poate sa stearga un angajat prin selectarea randului cu angajatul care se doreste a fi sters.

- In cazul in care acesta selecteaza un rand gol si apasa pe butonul de stergere nu se intampla nimic.

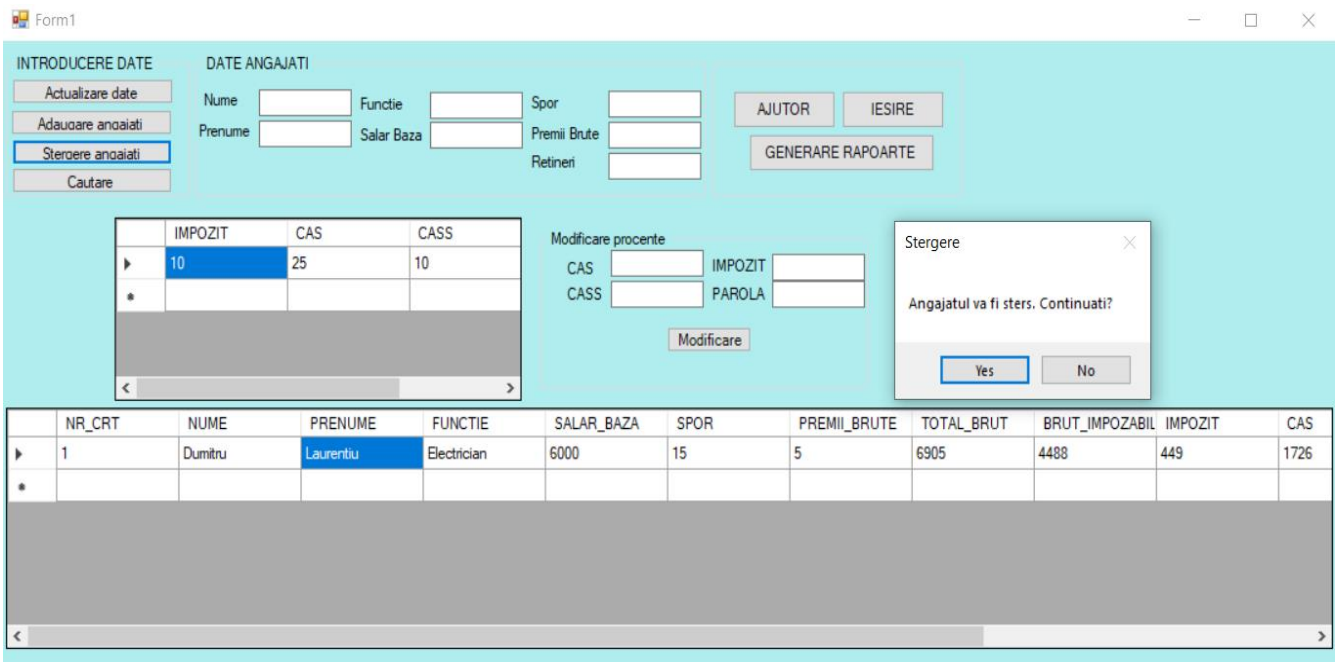


Fig. 4.1 Confirmare stergere

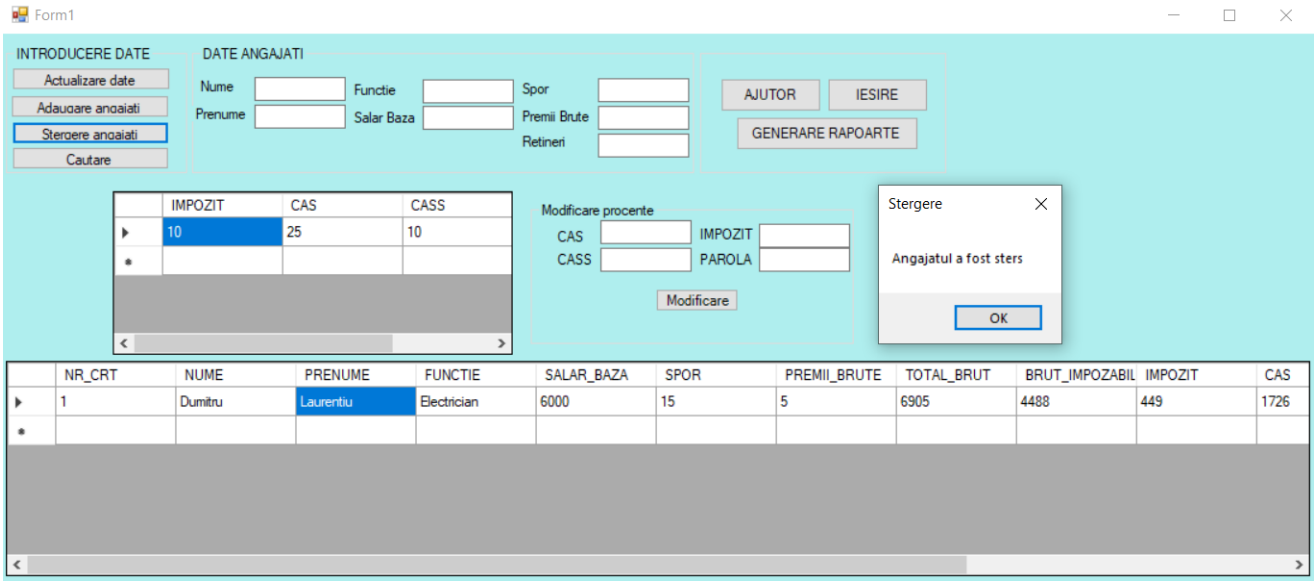


Fig. 4.2 Confirmare stergere

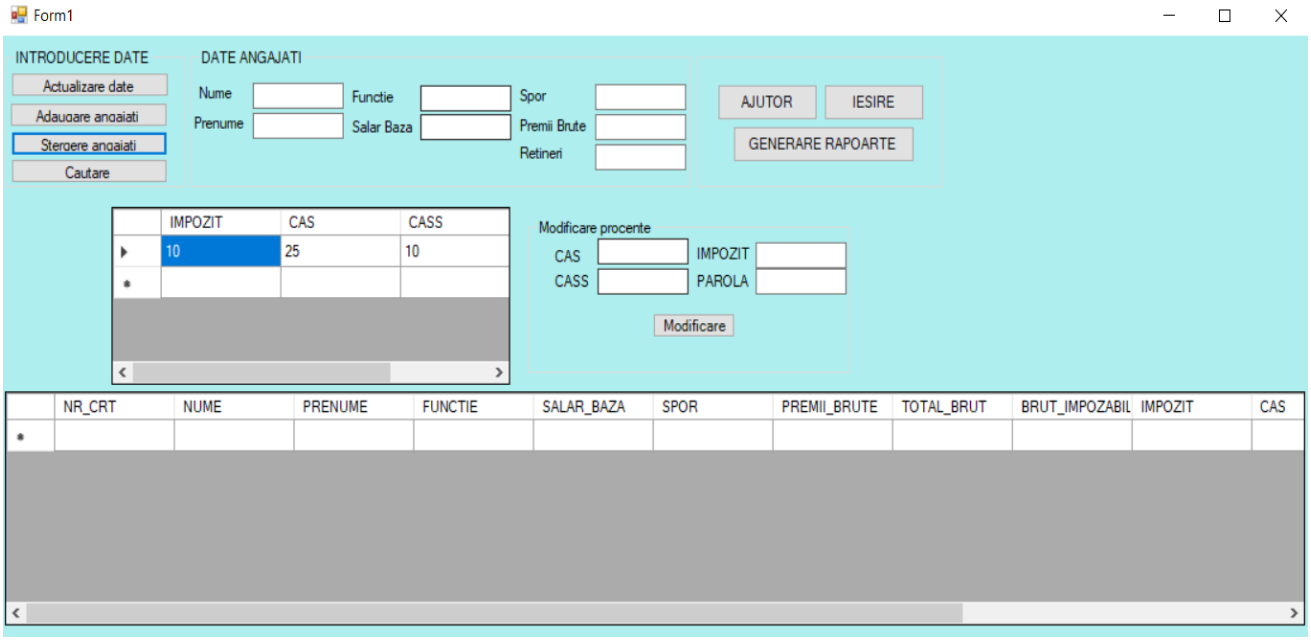


Fig. 4.3 Tabela dupa stergerea angajatului

Pct. 5 Cod calcul salarii:

```
SQL> create or replace trigger CalculSalariu
  2  before insert or update on Angajati
  3  for each row
  4  declare
  5  totalBrutvar integer;
  6  brutImpozabilvar integer;
  7  impozitvar integer;
  8  casvar integer;
  9  cassvar integer;
 10  viratCardvar integer;
 11  procenteImpozit integer;
 12  procenteCas integer;
 13  procenteCass integer;
 14  begin
 15
 16  select Impozit, CAS, CASS into procenteImpozit, procenteCAS, procenteCASS from Impozit;
 17  totalBrutvar :=:NEW.Salar_baza*(1 + :NEW.spor/100) + :NEW.Premii_brute;
 18  casvar := totalBrutvar * (procenteCAS/100);
 19  cassvar := totalBrutvar * (procenteCASS/100);
 20  brutImpozabilvar := totalBrutvar - casvar - cassvar;
 21  impozitvar := brutImpozabilvar * (procenteImpozit/100);
 22  viratCardvar := totalBrutvar - impozitvar - casvar - cassvar - :NEW.Retineri;
 23
 24  :NEW.Total_brut := totalBrutvar;
 25  :NEW.Brut_impozabil := brutImpozabilvar;
 26  :NEW.impozit := impozitvar;
 27  :NEW.CAS := casvar;
 28  :NEW.CASS := cassvar;
 29  :NEW.Virat_card := viratCardvar;
 30  end;
 31  /

Trigger created.
```

Pct. 6. - Raport Stat de plata

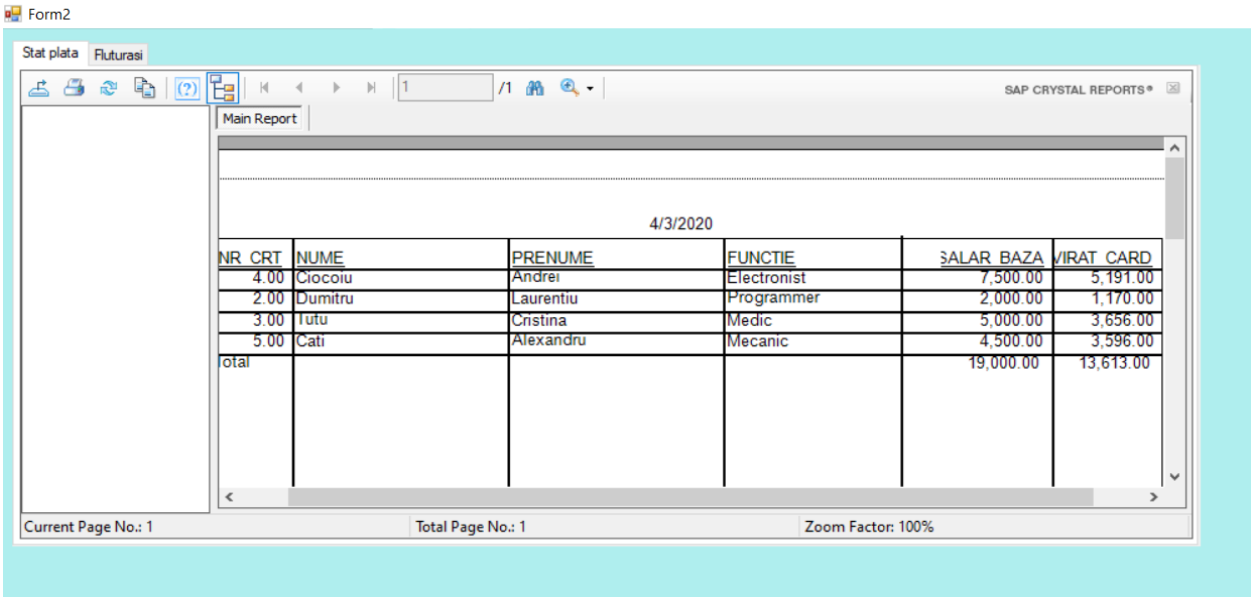


Fig. 6 Raport Stat plata

Pct. 7. - Raport Fluturasi (cu toti fluturasii, respectiv cu fluturasul unui singur angajat cautat)

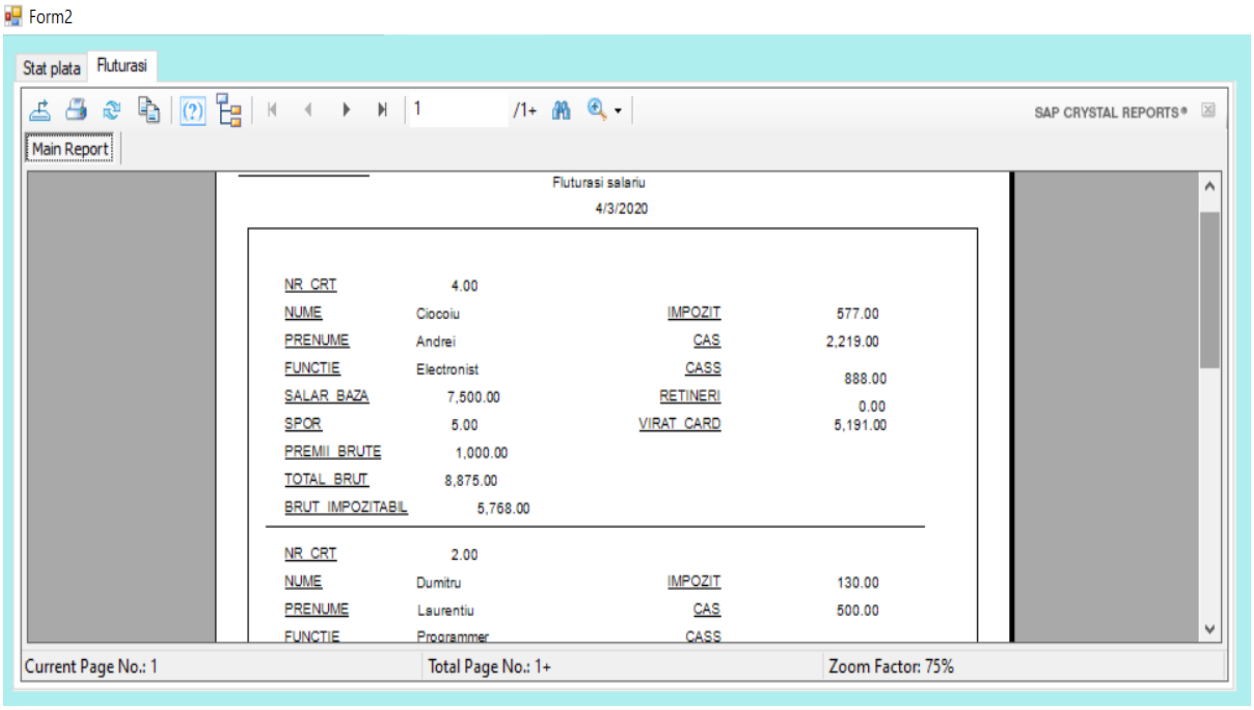


Fig. 7.1 Raport cu toti fluturasii

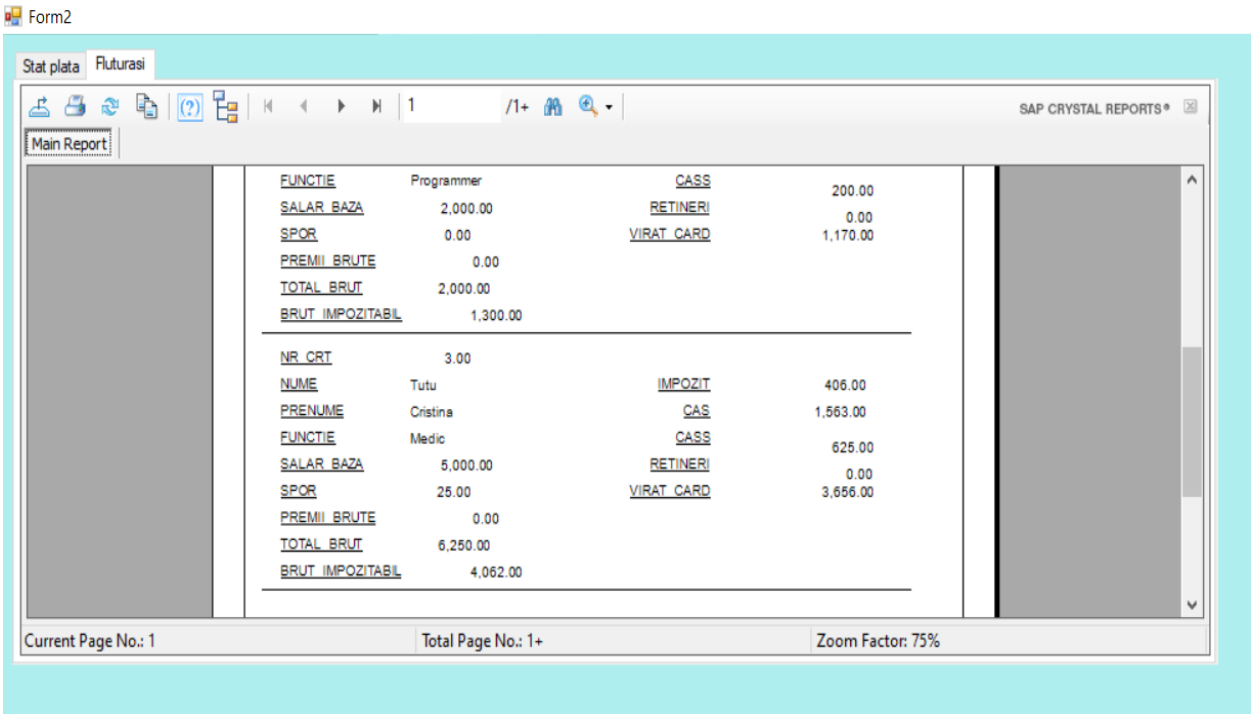


Fig. 7.2 Raport cu toti fluturasii

Pct. 8. – Modificare procente

- Administratorul introduce parola si noile procente, in cazul in care parola e gresita procentele nu sunt actualizate.

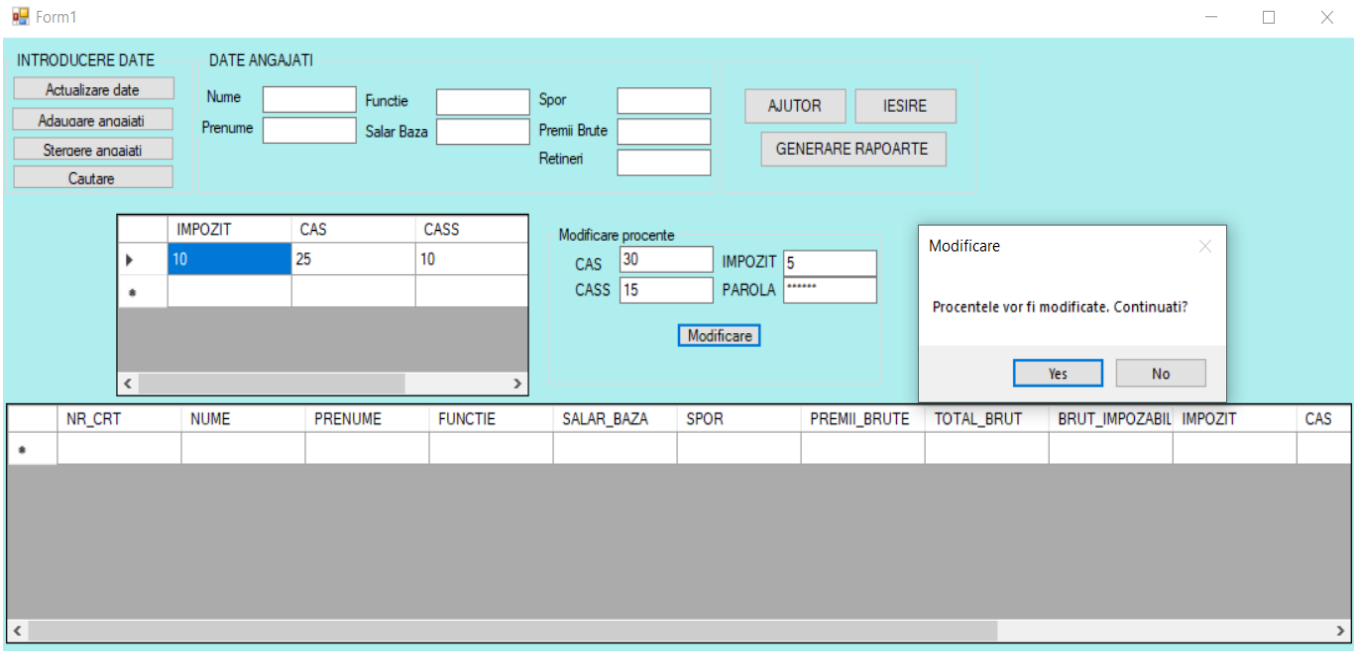


Fig. 8.1 Introducere parola valida + noile procente

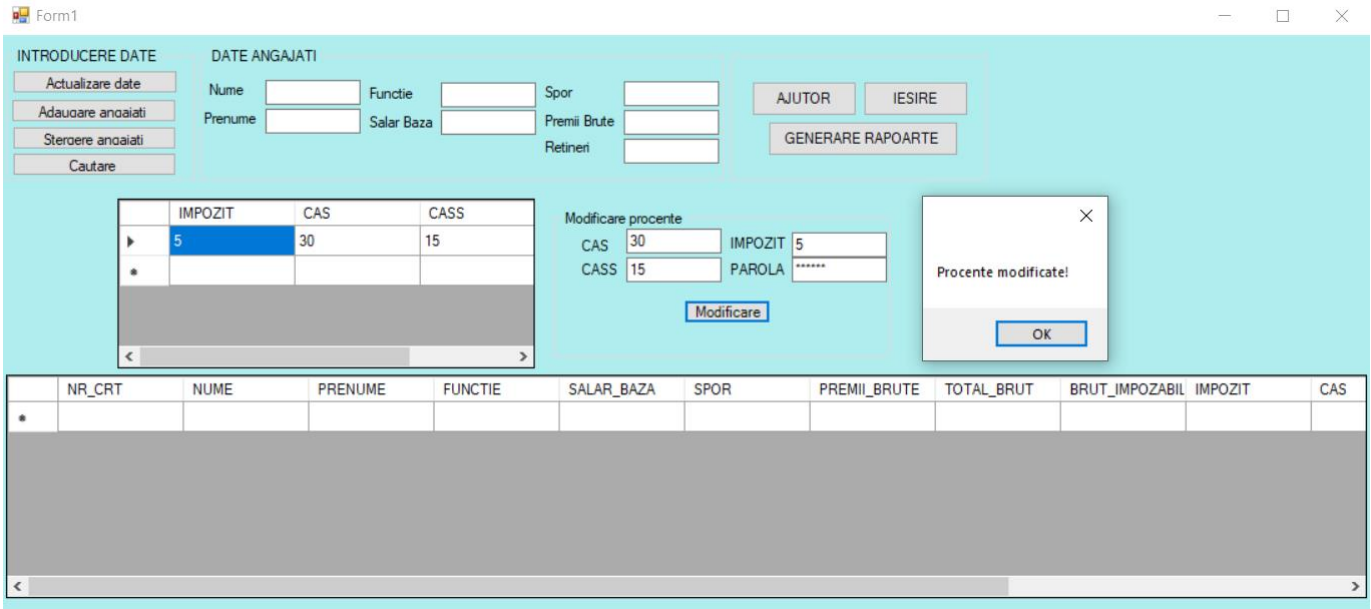


Fig. 8.2 Confirmare modificare

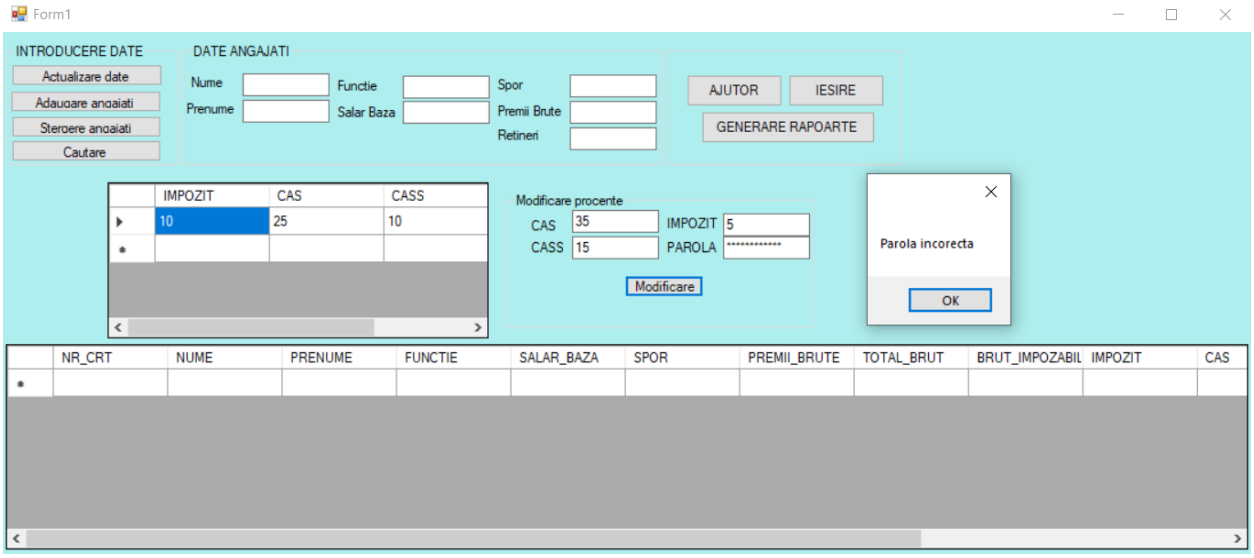


Fig. 8.3 Introducere gresita a parolei

Pct. 9.- Prezentare secventa de cod (comenzi SQL) pentru crearea celor doua tabele necesare;

```
SQL> Create table Angajati(Nr_crt integer PRIMARY KEY,
  2  Nume varchar(40),
  3  Prenume varchar(40),
  4  Functie varchar(40),
  5  Salar_baza integer,
  6  Spor integer default 0,
  7  Premii_brute integer,
  8  Total_brut integer,
  9  Brut_impozabil integer,
 10  Impozit integer,
 11  CAS integer,
 12  CASS integer,
 13  Retineri integer default 0,
 14  Virat_card integer
 15  );
```

```
SQL> Create table Impozit(Impozit integer default 10,
  2    CAS integer default 25,
  3    CASS integer default 10,
  4    Parola varchar(10));
```

Pct. 10.- Ruland aplicatia, calculati si precizati ce salar net final (Virat_card) va lua un angajat cu un Salar_ baza de 2000 lei (fara nici un spor sau prima, deci si cu un Total_brut rezultat tot de 2000 lei). Pentru calcul, folositi exact valorile procentelor (Impozit=10%, CAS=25%, CASS=10%) precizate in enuntul aplicatiei.

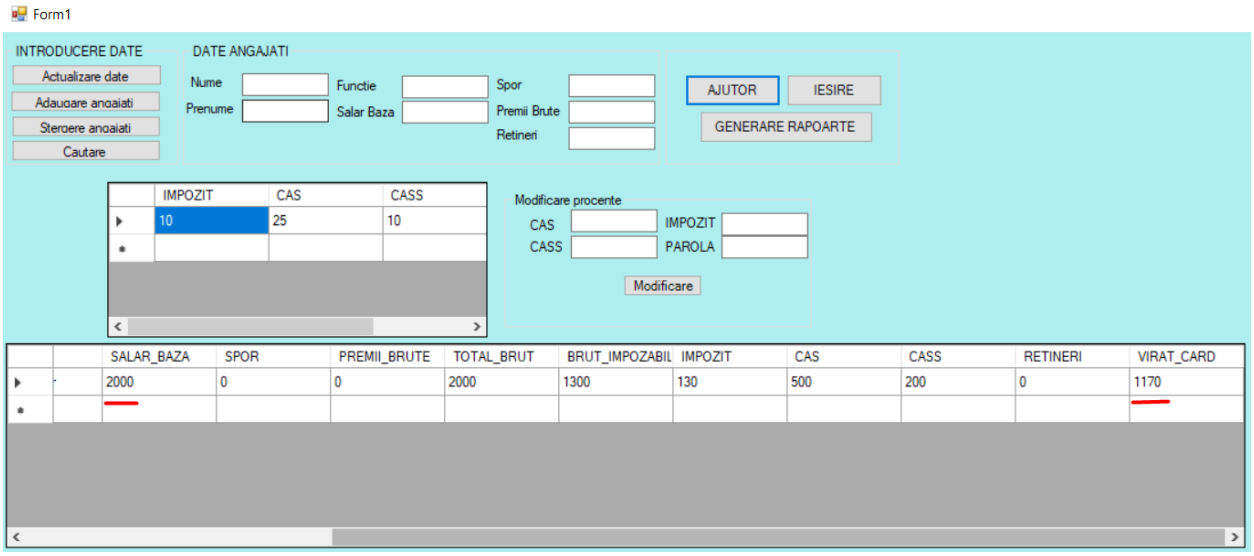
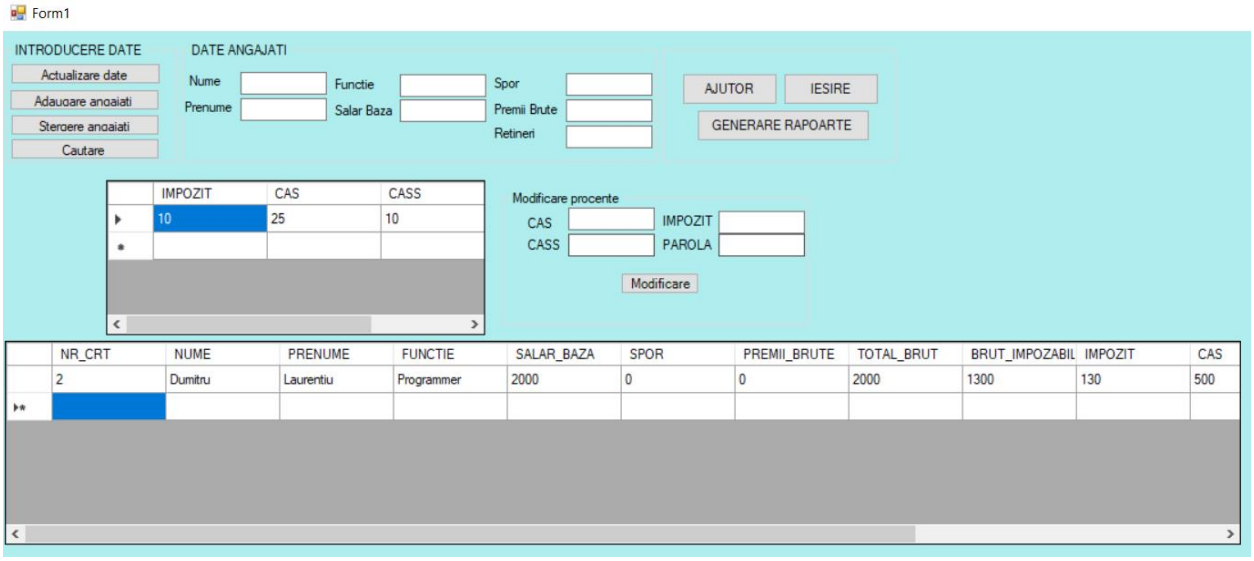
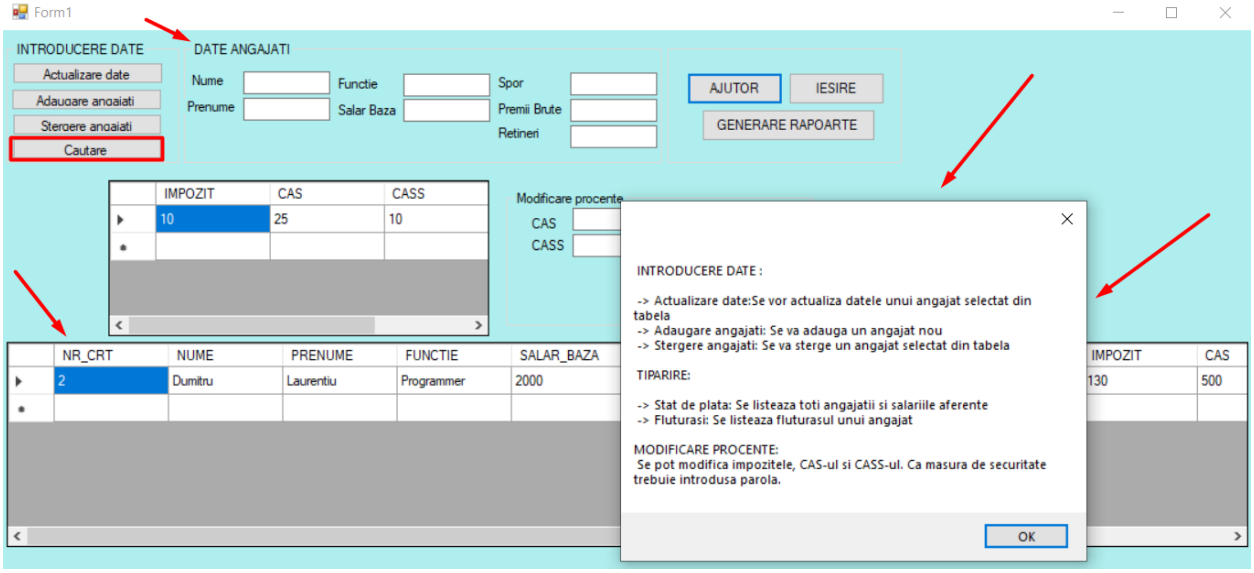


Fig. 10 Afisare rezultate

+ restul informatiilor



PS: Screenshot cu help-ul aplicatiei.



+ am uitat sa sterg butonul de cautare, acesta nu mai este folosit la nimic

Butonul se folosea de datele introduse de utilizator in categoria “DATE ANGAJATI”

In schimb, am folosit functia “CellContentClick” pentru a salva angajatul selectat si pentru a schimba datele acestuia sau chiar pentru stergere.

```
private void angajatiDataGridView_CellContentClick(object sender, DataGridViewCellEventArgs e)
{

    DataGridViewRow row = this.aNGAJATIDataGridView.Rows[e.RowIndex];
    NumeSelectat = row.Cells[1].Value.ToString();
    //Console.WriteLine(NumeSelectat);
    PrenumeSelectat = row.Cells[2].Value.ToString();
    //Console.WriteLine(PrenumeSelectat);
    NrCrtSelectat = Int32.Parse(row.Cells[0].Value.ToString());
    //Console.WriteLine(NrCrtSelectat);
}
```