**Capitolul II (Modelul logic)**

***Sarcina: Producătorii de lapte din Republica Moldova***

**I. Proiectarea Input-Output:**

***1.1. Modelul Conceptual al Domeniului de Studiu***

***1.2. Modelul Logic***

**„Locații”**

|  |  |
| --- | --- |
| Id\_loc | Nume\_loc |

**„Producători”**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IdProd | NumeProd | Data\_fondare | Director | Id\_loc |

**„Cumpărători”**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IdCump | NumeCump | Id\_loc | Adresa | Tip |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| IdProdus | NumePr | IdProd | Data\_pr | Termen\_val | Val\_energ |

**„Produse„ „Comenzi”**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IdCom | IdCump | IdProdus | Cant | Preț |

***1.3. Machetul Bazei de Date:***

|  |  |  |  |
| --- | --- | --- | --- |
| **Cumpărători** | IdCump |  | PRIMARY KEY NOT NULL |
| NumeCump | VARCHAR(20) |  |
| Id\_loc | INT | FOREIGN KEY |
| Adresa | VARCHAR(30) |  |
| Tip | VARCHAR(10) |  |
| **Locații** | Id\_loc | INT | PRIMARY KEY NOT NULL |
| Nume\_loc | VARCHAR(10) |  |
| **Producători** | IdProd | INT | PRIMARY KEY NOT NULL |
| NumeProd | VARCHAR(30) |  |
| Data\_fondare | DATE |  |
| Director | VARCHAR(30) |  |
| Id\_loc | INT | FOREIGN KEY |
| **Produs** | **Id\_produs** | INT | PRIMARY KEY NOT NULL |
| Nume\_produs | VARCHAR(20) |  |
| IdProd | INT | FOREIGN KEY |
| Data\_pr | DATE |  |
| Termen\_val | VARCHAR(15) |  |
| Val\_energ | VARCHAR(15) |  |
| **Comenzi** | IdCom | INT | PRIMARY KEY NOT NULL |
| IdCump | INT | FOREIGN KEY |
| **IdProdus** | INT | FOREIGN KEY |
| Cant | FLOAT |  |
| Preț | Money |  |