**DB STRUCTURE**

**Clients**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Id | Client ID | Integer | Not null PK | Autoincrement |
| personalCode | Client personal code | Varchar(25) | Not null | Uniq |
| name | Client name | Varchar(50) | Not null |  |
| address | Client address | Varchar(100) |  |  |
| eMail | Client E-mail address | Varchar(50) | Not null |  |
| addId | User ID | Integer |  |  |
| addDate | Date of insert | DateTime | Not null | Current\_Timestamp |
| chgId | User ID | Integer |  |  |
| chgDate | Date of change | DateTime |  |  |

**Companies**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Id | Company ID | Integer | Not null PK | Autoincrement |
| regNr | Company registration number | Varchar(25) | Not null | Uniq |
| name | Company name | Varchar(50) | Not null |  |
| address | Company address | Varchar(100) |  |  |
| eMail | Company E-mail address | Varchar(50) | Not null |  |
| pathFromAccounts | The path from which company accounts are exported | Varchar(100) | Not null |  |
| pathToAccounts | The path to which company accounts are exported | Varchar(100) | Not null |  |
| addId | User ID | Integer |  |  |
| addDate | Date of insert | DateTime | Not null | Current\_Timestamp |
| chgId | User ID | Integer |  |  |
| chgDate | Date of change | DateTime |  |  |

**Contracts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Id | Contract ID | Integer | Not null PK | Autuincrement |
| companyId | Company ID | Integer | Not null FK |  |
| clientId | Client ID | Integer | Not null FK |  |
| number | Contract number | Varchar(20) | Not null |  |
| dateSign | Date of signing the contract | Date  Date | Not null |  |
| dateBegin | Date of the beginning | Date | Not null |  |
| dateEnd | Date of the end | Date |  |  |
| dayToSendAccount | Day to sending the account to client | Integer | Not null | 10 |
| countDaysToSendReminder | Count of days to sending reminder to client | Integer | Not null | 10 |
| Status | Status of the contract:  0 – current  1 - closed | Integer | Not null | 0 |
| addId | User ID | Integer |  |  |
| addDate | Date of insert | DateTime | Not null | Current\_Timestamp |
| chgId | User ID | Integer |  |  |
| chgDate | Date of change | DateTime |  |  |

**Accounts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Id | Account ID | Integer | Not null PK | Autoincrement |
| contractId | Contract ID | Integer | Not null FK |  |
| fileName | Account file name | Varchar(25) | Not null |  |
| dateSending | Date of account sending to client | Date |  |  |
| dateViewing | Date of account viewing by client | Date |  |  |
| dateReminderSending | Date of the last reminder sending to client | Date |  |  |
| addId | User ID | Integer |  |  |
| addDate | Date of insert | DateTime | Not null | Current\_Timestamp |
| chgId | User ID | Integer |  |  |
| chgDate | Date of change | DateTime |  |  |

**Users**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| id | User ID | Integer | Not null PK | Autoincrement |
| name | User name | Varchar(50) | Not null |  |
| password | User password | Varchar(20) | Not null |  |
| type | User type:  1 – company  2 - client  3 - administrator | Integer | Not null |  |
| clientId | Client ID | Integer |  |  |
| companyId | Company ID | Integer |  |  |
| addId | User ID | Integer |  |  |
| addDate | Date of insert | DateTime | Not null | Current\_Timestamp |
| chgId | User ID | Integer |  |  |
| chgDate | Date of change | DateTime |  |  |