

## ДОДАТОК А

## Скрипт створення структури БД обліку користувацьких запитів

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/***** Object: Table [dbo].[ApplicationList]    Script Date: 30.06.2020 18:14:56
*****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[ApplicationList](
    [id] [int] IDENTITY(1,1) NOT NULL,
    [name] [varchar](150) NULL,
    CONSTRAINT [PK_ApplicationList] PRIMARY KEY CLUSTERED
(
    [id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

GO
SET ANSI_PADDING OFF
GO
/***** Object: Table [dbo].[FieldList]    Script Date: 30.06.2020 18:14:56 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[FieldList](
    [id] [int] IDENTITY(1,1) NOT NULL,
    [name] [varchar](50) NOT NULL,
    [relation_id] [int] NOT NULL,
    [marker] [numeric](3, 2) NULL,
    CONSTRAINT [PK_FieldList] PRIMARY KEY CLUSTERED
(
    [id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

GO
SET ANSI_PADDING OFF
GO
/***** Object: Table [dbo].[InnerQueriesList]    Script Date: 30.06.2020 18:14:56
*****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[InnerQueriesList](
    [query_id] [int] NOT NULL,
    [inner_id] [int] NOT NULL,
    CONSTRAINT [PK_InnerQueriesList] PRIMARY KEY CLUSTERED
(
    [query_id] ASC,
    [inner_id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]

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) ON [PRIMARY]

GO
/***** Object: Table [dbo].[Places]      Script Date: 30.06.2020 18:14:56 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[Places](
    [id] [int] IDENTITY(1,1) NOT NULL,
    [name] [varchar](150) NULL,
    [speed] [int] NULL,
    [reliability] [int] NULL,
    CONSTRAINT [PK_Places] PRIMARY KEY CLUSTERED
(
    [id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

GO
SET ANSI_PADDING OFF
GO
/***** Object: Table [dbo].[profilingResultSet]      Script Date: 30.06.2020 18:14:56 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[profilingResultSet](
    [RowNumber] [int] IDENTITY(0,1) NOT NULL,
    [EventClass] [int] NULL,
    [TextData] [ntext] NULL,
    [ApplicationName] [nvarchar](128) NULL,
    [LoginName] [nvarchar](128) NULL,
    [Reads] [bigint] NULL,
    [Writes] [bigint] NULL,
    [Duration] [bigint] NULL,
    [SPID] [int] NULL,
    [DatabaseID] [int] NULL,
    [DatabaseName] [nvarchar](128) NULL,
    [HostName] [nvarchar](128) NULL,
    [ServerName] [nvarchar](128) NULL,
    [SessionLoginName] [nvarchar](128) NULL,
    [TransactionID] [bigint] NULL,
    [CPU] [int] NULL,
    [IsSystem] [int] NULL,
    [BinaryData] [image] NULL,
    PRIMARY KEY CLUSTERED
(
    [RowNumber] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]

GO
/***** Object: Table [dbo].[QueriesLog]      Script Date: 30.06.2020 18:14:57 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[QueriesLog](
    [id] [int] IDENTITY(1,1) NOT NULL,

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        [workstation_id] [int] NOT NULL,
        [application_id] [int] NOT NULL,
        [query_id] [int] NOT NULL,
        [transaction_id] [int] NOT NULL,
    CONSTRAINT [PK_QueriesLog] PRIMARY KEY CLUSTERED
    (
        [id] ASC
    )WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
    ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
    ) ON [PRIMARY]

GO
/***** Object: Table [dbo].[QueryList]    Script Date: 30.06.2020 18:14:57 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[QueryList](
    [id] [int] IDENTITY(1,1) NOT NULL,
    [text] [ntext] NOT NULL,
    [hash] [bigint] NOT NULL,
    CONSTRAINT [PK_QueryList] PRIMARY KEY CLUSTERED
    (
        [id] ASC
    )WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
    ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
    ) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]

GO
/***** Object: Table [dbo].[QueryRelationFields]    Script Date: 30.06.2020 18:14:57
*****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[QueryRelationFields](
    [query_id] [int] NOT NULL,
    [field_id] [int] NOT NULL,
    CONSTRAINT [PK_QueryRelationFields] PRIMARY KEY CLUSTERED
    (
        [query_id] ASC,
        [field_id] ASC
    )WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
    ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
    ) ON [PRIMARY]

GO
/***** Object: Table [dbo].[QueryRelationRows]    Script Date: 30.06.2020 18:14:57
*****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[QueryRelationRows](
    [query_id] [int] NOT NULL,
    [row_id] [int] NOT NULL,
    CONSTRAINT [PK_QueryRelationRows] PRIMARY KEY CLUSTERED
    (
        [query_id] ASC,
        [row_id] ASC
    )WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
    ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
    ) ON [PRIMARY]

GO

```

