# Customers

|  |  |  |
| --- | --- | --- |
| **Table Creation** | **Table Constraints** | **Fields Description** |
| CREATE TABLE [dbo].[Customers](  [customers\_CustomerId] [nvarchar](20) NOT NULL,  [customers\_EmailID] [nvarchar](80) NOT NULL,  [customers\_PasswordHash] [nvarchar](20) NOT NULL,  [customers\_PasswordSalt] [nvarchar](20) NOT NULL,  [customers\_Phone] [nvarchar](12) NULL,  [customers\_LastLogin] [datetime] NOT NULL,  [customers\_OTP] [int] NULL,  [customers\_OTPValidTill] [datetime] NOT NULL,  [customers\_TermsAgreed] [bit] NOT NULL,  [customers\_PreferredContact] [nvarchar](5) NOT NULL,  [customers\_ReceiveNotifications] [bit] NOT NULL,  CONSTRAINT [PK\_Customers] PRIMARY KEY CLUSTERED  (  [customers\_CustomerId] 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 |  | EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Id assigned to the user (auto-generated) to act as primary identifier' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_CustomerId'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Email id used during registration. Must follow the “x@x.x” format' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_EmailID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Hash used to encrypt password.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_PasswordHash'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Salt used to encrypt password.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_PasswordSalt'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'User’s contact number to send notifications via sms.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_Phone'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Last login date of the user used to identify unread alerts. ' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_LastLogin'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Saves the confirmation code to be used for login in place of password. Must be in range of “1000000” and “9999999”' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_OTP'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Exact date and time when confirmation code is invalidated' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_OTPValidTill'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies whether user has agreed terms and conditions. Must be false when creating new record' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_TermsAgreed'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies whether phone or email is preferred. Enum with values from (“Phone”, “Email”). Defaulted to “Email”.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_PreferredContact'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies if user should receive notification by their preferred contact. App notifications are always on, irrespective of this setting. Defaulted to “True”' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Customers', @level2type=N'COLUMN',@level2name=N'customers\_ReceiveNotifications'  GO |

# Alerts

|  |  |  |
| --- | --- | --- |
| **Table Creation** | **Table Constraints** | **Field Description** |
| CREATE TABLE [dbo].[Alerts](  [alerts\_AlertID] [nvarchar](20) NOT NULL,  [alerts\_CustomerID] [nvarchar](20) NOT NULL,  [alerts\_AlertTitle] [nvarchar](50) NOT NULL,  [alerts\_AlertDescription] [ntext] NULL,  [alerts\_StartDate] [datetime] NOT NULL,  [alerts\_EndDate] [datetime] NOT NULL,  [alerts\_DisplayInCalendar] [bit] NULL,  [alerts\_ActionToTake] [nvarchar](20) NULL,  [alerts\_IsPushAlert] [bit] NOT NULL,  [alerts\_IsActive] [bit] NOT NULL,  PRIMARY KEY CLUSTERED  (  [alerts\_AlertID] 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 | ALTER TABLE [dbo].[Alerts] WITH CHECK ADD CONSTRAINT [FK\_Alerts\_Alerts] FOREIGN KEY([alerts\_CustomerID])  REFERENCES [dbo].[Customers] ([customers\_CustomerId])  GO  ALTER TABLE [dbo].[Alerts] CHECK CONSTRAINT [FK\_Alerts\_Alerts]  GO | EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Id assigned to the alert (auto-generated) to act as primary identifier.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_AlertID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Customer ID associated to this alert. Foreign key to customer\_CustomerID.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_CustomerID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Title of the alert used as headline in alerts page, and subject in emails. Must be at least 10 characters.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_AlertTitle'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Text of the alert used as body in emails, and as description in alerts page.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_AlertDescription'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Date and time when alert was set as active. Cannot be sooner than alerts\_FID.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_StartDate'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Date and time when alert is invalidated and/or is not active. Cannot be sooner than alerts\_FID.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_EndDate'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies whether the alert is to be displayed as an event in calendar. Defaulted to “False”.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_DisplayInCalendar'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies the action to take, or the page to link when user taps on alert. Enum with values from (“DocumentSign”, “MakePayment”) ' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_ActionToTake'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies whether the alert is used as push notification and email/sms notification. Defaulted to “False”.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_IsPushAlert'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies whether the alert is acted up on. Used by notification system in conjunction with alerts\_EndDate. Defaulted to “True”.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Alerts', @level2type=N'COLUMN',@level2name=N'alerts\_IsActive'  GO |

# Documents

|  |  |  |
| --- | --- | --- |
| **Table Creation** | **Table Constraints** | **Field Description** |
| CREATE TABLE [dbo].[Documents](  [documents\_DocumentID] [nvarchar](20) NOT NULL,  [documents\_CustomerID] [nvarchar](20) NOT NULL,  [documents\_DocumentTitle] [nvarchar](50) NOT NULL,  [documents\_FilePath] [nvarchar](200) NOT NULL,  [documents\_SignRequired] [bit] NOT NULL,  [documents\_IsSigned] [bit] NOT NULL,  [documents\_SignByDate] [datetime] NOT NULL,  PRIMARY KEY CLUSTERED  (  [documents\_DocumentID] 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 | ALTER TABLE [dbo].[Documents] WITH CHECK ADD CONSTRAINT [FK\_Documents\_Customers] FOREIGN KEY([documents\_CustomerID])  REFERENCES [dbo].[Customers] ([customers\_CustomerId])  GO  ALTER TABLE [dbo].[Documents] CHECK CONSTRAINT [FK\_Documents\_Customers]  GO | EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Id assigned to the document (auto-generated) to act as primary identifier.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Documents', @level2type=N'COLUMN',@level2name=N'documents\_DocumentID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Customer ID associated to this document. Foreign key to customer\_CustomerID.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Documents', @level2type=N'COLUMN',@level2name=N'documents\_CustomerID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Title of the document to be displayed in list of documents (e.g. “Refund Policies” or “Insurance Agreement”. --To identify if it should be constrained to an enum.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Documents', @level2type=N'COLUMN',@level2name=N'documents\_DocumentTitle'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Path of the sharepoint template to be used for unsigned documents and file generated after signing.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Documents', @level2type=N'COLUMN',@level2name=N'documents\_FilePath'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies if document requires signature.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Documents', @level2type=N'COLUMN',@level2name=N'documents\_SignRequired'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies if document is signed or if it is awaiting signature. Defaulted to “False”.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Documents', @level2type=N'COLUMN',@level2name=N'documents\_IsSigned'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies the last date by which document has to be signed. Used by notification system to create alerts. Can not be sooner than documents\_FID.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'Documents', @level2type=N'COLUMN',@level2name=N'documents\_SignByDate'  GO |

# DocumentHistory

|  |  |  |
| --- | --- | --- |
| **Table Creation** | **Table Constraints** | **Field Description** |
| CREATE TABLE [dbo].[DocumentHistory](  [document\_history\_DocumentID] [nvarchar](20) NOT NULL,  [document\_history\_HistoryTitle] [nvarchar](50) NOT NULL,  [document\_history\_CustomersID] [nvarchar](20) NOT NULL,  [document\_history\_ActionDate] [datetime] NOT NULL  ) ON [PRIMARY]  GO | ALTER TABLE [dbo].[DocumentHistory] WITH CHECK ADD CONSTRAINT [FK\_DocumentHistory\_Customers] FOREIGN KEY([document\_history\_CustomersID])  REFERENCES [dbo].[Customers] ([customers\_CustomerId])  GO  ALTER TABLE [dbo].[DocumentHistory] CHECK CONSTRAINT [FK\_DocumentHistory\_Customers]  GO  ALTER TABLE [dbo].[DocumentHistory] WITH CHECK ADD CONSTRAINT [FK\_DocumentHistory\_Documents] FOREIGN KEY([document\_history\_DocumentID])  REFERENCES [dbo].[Documents] ([documents\_DocumentID])  GO  ALTER TABLE [dbo].[DocumentHistory] CHECK CONSTRAINT [FK\_DocumentHistory\_Documents]  GO | EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Id assigned to the document (auto-generated) to act as primary identifier. Foreign key to documents\_documentID.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'DocumentHistory', @level2type=N'COLUMN',@level2name=N'document\_history\_DocumentID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Title of the history item to be displayed in history log of the document.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'DocumentHistory', @level2type=N'COLUMN',@level2name=N'document\_history\_HistoryTitle'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies the customer who took the action for this history log (e.g. customer who signed the document). Foreign key to customers\_CustomersID.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'DocumentHistory', @level2type=N'COLUMN',@level2name=N'document\_history\_CustomersID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies the date the action was taken. -- To identify if constrained by types of action.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'DocumentHistory', @level2type=N'COLUMN',@level2name=N'document\_history\_ActionDate'  GO |

# PaymentMethods

|  |  |  |
| --- | --- | --- |
| **Table Creation** | **Table Constraints** | **Field Description** |
| CREATE TABLE [dbo].[PaymentMethods](  [payment\_methods\_paymentID] [nvarchar](20) NOT NULL,  [payment\_methods\_CustomerID] [nvarchar](20) NOT NULL,  [payment\_methods\_PaymentType] [nvarchar](10) NOT NULL,  [payment\_methods\_CardNumber] [char](16) NOT NULL,  [payment\_methods\_CardName] [nvarchar](50) NOT NULL,  [payment\_methods\_expirydate] [char](4) NOT NULL,  PRIMARY KEY CLUSTERED  (  [payment\_methods\_paymentID] 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  ALTER TABLE [dbo].[PaymentMethods] WITH CHECK ADD CONSTRAINT [FK\_PaymentMethods\_Customers] FOREIGN KEY([payment\_methods\_CustomerID])  REFERENCES [dbo].[Customers] ([customers\_CustomerId])  GO  ALTER TABLE [dbo].[PaymentMethods] CHECK CONSTRAINT [FK\_PaymentMethods\_Customers]  GO | EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Id assigned to the payment (auto-generated) to act as primary identifier.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'PaymentMethods', @level2type=N'COLUMN',@level2name=N'payment\_methods\_paymentID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Customer ID associated to this payment. Foreign key to customers\_CustomerID.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'PaymentMethods', @level2type=N'COLUMN',@level2name=N'payment\_methods\_CustomerID'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies whether it is a credit card or apple pay wallet etc. Enum with values from (“CreditCard”, “ApplePay”, “GooglePay”, “DebitCard”) .' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'PaymentMethods', @level2type=N'COLUMN',@level2name=N'payment\_methods\_PaymentType'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies the card number if it is a card payment method. Constrained to be exact 16 characters if payment type is credit card or debit card. Otherwise, null.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'PaymentMethods', @level2type=N'COLUMN',@level2name=N'payment\_methods\_CardNumber'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies the name on card if it is a card payment method. Constrained to be at least 5 characters if payment type is credit card or debit card. Otherwise, null.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'PaymentMethods', @level2type=N'COLUMN',@level2name=N'payment\_methods\_CardName'  GO  EXEC sys.sp\_addextendedproperty @name=N'MS\_Description', @value=N'Identifies the card expiry date. Format as (MMYY). Constrained as per the format.' , @level0type=N'SCHEMA',@level0name=N'dbo', @level1type=N'TABLE',@level1name=N'PaymentMethods', @level2type=N'COLUMN',@level2name=N'payment\_methods\_expirydate'  GO |