Chinook Database Detailed Documentation

Table: Album

The Album table contains information about each music album in the store. Each album is associated with an artist and contains several tracks.

Columns and Descriptions:

- AlbumId (INTEGER): NOT NULL. Primary Key. The primary key for the Album table, uniquely identifying each album.

- Title (NVARCHAR(160)): NOT NULL. . The title of the album.

- ArtistId (INTEGER): NOT NULL. . A foreign key linking to the Artist table, indicating the artist who released the album.

Foreign Key Relationships:

- ArtistId references Artist(ArtistId)

Table: Artist

The Artist table stores information about the artists. Each artist may have released one or more albums.

Columns and Descriptions:

- ArtistId (INTEGER): NOT NULL. Primary Key. The primary key for the Artist table, uniquely identifying each artist.

- Name (NVARCHAR(120)): NULLABLE. . The name of the artist.

Foreign Key Relationships:

No foreign key relationships.

Table: Customer

The Customer table contains details about the store's customers, including their personal information and

contact details.

Columns and Descriptions:

- CustomerId (INTEGER): NOT NULL. Primary Key. The primary key for the Customer table, uniquely identifying each customer.

- FirstName (NVARCHAR(40)): NOT NULL. . The first name of the customer.

- LastName (NVARCHAR(20)): NOT NULL. . The last name of the customer.

- Company (NVARCHAR(80)): NULLABLE. . The name of the company the customer works for, if applicable.

- Address (NVARCHAR(70)): NULLABLE. . The customer's street address.

- City (NVARCHAR(40)): NULLABLE. . The city where the customer resides.

- State (NVARCHAR(40)): NULLABLE. . The state or region where the customer resides.

- Country (NVARCHAR(40)): NULLABLE. . The country where the customer resides.

- PostalCode (NVARCHAR(10)): NULLABLE. . The postal code for the customer's address.

- Phone (NVARCHAR(24)): NULLABLE. . The customer's phone number.

- Fax (NVARCHAR(24)): NULLABLE. . Description not available for Fax.

- Email (NVARCHAR(60)): NOT NULL. . The customer's email address.

- SupportRepId (INTEGER): NULLABLE. . A foreign key linking to the Employee table, indicating the employee assigned to support this customer.

Foreign Key Relationships:

- SupportRepId references Employee(EmployeeId)

Table: Employee

The Employee table contains information about employees who manage customer support and sales. Some employees may report to other employees.

Columns and Descriptions:

- EmployeeId (INTEGER): NOT NULL. Primary Key. The primary key for the Employee table, uniquely identifying each employee.

- LastName (NVARCHAR(20)): NOT NULL. . The last name of the employee.

- FirstName (NVARCHAR(20)): NOT NULL. . The first name of the employee.

- Title (NVARCHAR(30)): NULLABLE. . The employee's job title.

- ReportsTo (INTEGER): NULLABLE. . A foreign key linking to another Employee record, indicating who this

employee reports to.

- BirthDate (DATETIME): NULLABLE. . The birthdate of the employee.

- HireDate (DATETIME): NULLABLE. . The date the employee was hired.

- Address (NVARCHAR(70)): NULLABLE. . The employee's street address.

- City (NVARCHAR(40)): NULLABLE. . The city where the employee resides.

- State (NVARCHAR(40)): NULLABLE. . The state or region where the employee resides.

- Country (NVARCHAR(40)): NULLABLE. . The country where the employee resides.

- PostalCode (NVARCHAR(10)): NULLABLE. . The postal code for the employee's address.

- Phone (NVARCHAR(24)): NULLABLE. . The employee's phone number.

- Fax (NVARCHAR(24)): NULLABLE. . The employee's fax number, if applicable.

- Email (NVARCHAR(60)): NULLABLE. . The employee's email address.

Foreign Key Relationships:

- ReportsTo references Employee(EmployeeId)

Table: Genre

The Genre table holds the various music genres that categorize tracks in the store.

Columns and Descriptions:

- GenreId (INTEGER): NOT NULL. Primary Key. Description not available for GenreId.

- Name (NVARCHAR(120)): NULLABLE. . Description not available for Name.

Foreign Key Relationships:

No foreign key relationships.

Table: Invoice

The Invoice table contains details of customer purchases. Each invoice is associated with a customer and includes line items for individual track purchases.

Columns and Descriptions:

- InvoiceId (INTEGER): NOT NULL. Primary Key. Description not available for InvoiceId.

- CustomerId (INTEGER): NOT NULL. . Description not available for CustomerId.

- InvoiceDate (DATETIME): NOT NULL. . Description not available for InvoiceDate.

- BillingAddress (NVARCHAR(70)): NULLABLE. . Description not available for BillingAddress.

- BillingCity (NVARCHAR(40)): NULLABLE. . Description not available for BillingCity.

- BillingState (NVARCHAR(40)): NULLABLE. . Description not available for BillingState.

- BillingCountry (NVARCHAR(40)): NULLABLE. . Description not available for BillingCountry.

- BillingPostalCode (NVARCHAR(10)): NULLABLE. . Description not available for BillingPostalCode.

- Total (NUMERIC(10,2)): NOT NULL. . Description not available for Total.

Foreign Key Relationships:

- CustomerId references Customer(CustomerId)

Table: InvoiceLine

The InvoiceLine table records each track purchased as part of an invoice. Each record links to an invoice and a track.

Columns and Descriptions:

- InvoiceLineId (INTEGER): NOT NULL. Primary Key. Description not available for InvoiceLineId.

- InvoiceId (INTEGER): NOT NULL. . Description not available for InvoiceId.

- TrackId (INTEGER): NOT NULL. . Description not available for TrackId.

- UnitPrice (NUMERIC(10,2)): NOT NULL. . Description not available for UnitPrice.

- Quantity (INTEGER): NOT NULL. . Description not available for Quantity.

Foreign Key Relationships:

- TrackId references Track(TrackId)

- InvoiceId references Invoice(InvoiceId)

Table: MediaType

The MediaType table defines the types of media available in the store (e.g., MPEG audio, Protected AAC audio).

Columns and Descriptions:

- MediaTypeId (INTEGER): NOT NULL. Primary Key. Description not available for MediaTypeId.

- Name (NVARCHAR(120)): NULLABLE. . Description not available for Name.

Foreign Key Relationships:

No foreign key relationships.

Table: Playlist

The Playlist table holds playlists created by users. Each playlist can contain multiple tracks.

Columns and Descriptions:

- PlaylistId (INTEGER): NOT NULL. Primary Key. Description not available for PlaylistId.

- Name (NVARCHAR(120)): NULLABLE. . Description not available for Name.

Foreign Key Relationships:

No foreign key relationships.

Table: PlaylistTrack

The PlaylistTrack table is a linking table that associates tracks with playlists.

Columns and Descriptions:

- PlaylistId (INTEGER): NOT NULL. Primary Key. Description not available for PlaylistId.

- TrackId (INTEGER): NOT NULL. . Description not available for TrackId.

Foreign Key Relationships:

- TrackId references Track(TrackId)

- PlaylistId references Playlist(PlaylistId)

Table: Track

The Track table contains details about individual music tracks, including the album, genre, and media type.

Columns and Descriptions:

- TrackId (INTEGER): NOT NULL. Primary Key. Description not available for TrackId.

- Name (NVARCHAR(200)): NOT NULL. . Description not available for Name.

- AlbumId (INTEGER): NULLABLE. . Description not available for AlbumId.

- MediaTypeId (INTEGER): NOT NULL. . Description not available for MediaTypeId.

- GenreId (INTEGER): NULLABLE. . Description not available for GenreId.

- Composer (NVARCHAR(220)): NULLABLE. . Description not available for Composer.

- Milliseconds (INTEGER): NOT NULL. . Description not available for Milliseconds.

- Bytes (INTEGER): NULLABLE. . Description not available for Bytes.

- UnitPrice (NUMERIC(10,2)): NOT NULL. . Description not available for UnitPrice.

Foreign Key Relationships:

- MediaTypeId references MediaType(MediaTypeId)

- GenreId references Genre(GenreId)

- AlbumId references Album(AlbumId)