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Part I

Table Definitions

1 User

Column Name		Data Type	Join
IDUser		ID	
GUIDUser		GUID	
CreateDate		DateTime	
CreatingIDUser		Numeric	User.IDUser
UpdateDate		DateTime	
UpdatingIDUser		Numeric	User.IDUser
Deleted		Boolean	
DeleteDate		DateTime	
DeletingIDUser		Numeric	User.IDUser
NameFirst	48	String	
NameLast	48	String	
Title	32	String	
Email	128	String	
LoginID	96	String	
LoginPassword	148	String	
PasswordResetKey	32	String	
IDRole		Numeric	Role.IDRole
Contractor		Boolean	
IDCustomer		Numeric	Customer.IDCustomer

2 Role

Column Name	\mathbf{Size}	Data Type	Join
IDRole		ID	
GUIDRole		GUID	
CreateDate		DateTime	
CreatingIDUser		Numeric	User.IDUser
UpdateDate		DateTime	
${\bf Updating IDUser}$		Numeric	User.IDUser
Deleted		Boolean	
DeleteDate		DateTime	
DeletingIDUser		Numeric	User.IDUser
Name	32	String	
PermissionLevel	16	String	

3 Customer

Column Name	\mathbf{Size}	Data Type	Join
IDCustomer		ID	
GUIDCustomer		GUID	
CreateDate		DateTime	
CreatingIDUser		Numeric	User.IDUser
UpdateDate		DateTime	
UpdatingIDUser		Numeric	User.IDUser
Deleted		Boolean	
DeleteDate		DateTime	
DeletingIDUser		Numeric	User.IDUser
Name	128	String	
Code	24	String	
Enabled		Boolean	

4 Book

Column Name	\mathbf{Size}	Data Type	Join
IDBook		ID	
GUIDBook		GUID	
CreateDate		DateTime	
CreatingIDUser		Numeric	User.IDUser
${\bf Update Date}$		DateTime	
UpdatingIDUser		Numeric	User.IDUser
Deleted		Boolean	
DeleteDate		DateTime	
DeletingIDUser		Numeric	User.IDUser
Title	200	String	
Author	150	String	
ISBN	48	String	
Year		Numeric	

Part II
Implicit Table Change Tracking

Table	Create	\mathbf{Update}	Delete
User	X	X	X
Role	X	X	X
Customer	X	X	X
Book	X	X	X