Church Database Plan

Andrew Yeager – Andice Baptist Church

### Family

Table for tracking information about families. Families can have multiple people (persons) associated with them.

1. FamilyID - int, identity, not null
2. FamilyName - nvarchar(120), not null
3. FriendlyName, nvarchar(120), null
4. FamilyType - int, FK(lkpFamilyType.FamilyTypeID), null
5. CreateDate
6. DeleteDate
7. LastModified

### lkpFamilyType

This is a lookup table for family types. Example values – Traditional, Non-Traditional, Blended(Re Married), single parent, Single, etc….

1. FamilyTypeID
2. Name
3. Description
4. CreateDate
5. ModifiedDate
6. DeleteDate

### lkpFamilyRole

This is a lookup table assigning the role of a person within the family. Example values - Head of Household, Parent, Other Adult, Child, Pet ☺

1. FamilyRoleID
2. Name
3. Description
4. CreateDate
5. ModifiedDate
6. DeleteDate

### Person

1. PersonID - Int, Identity Key, Not Null
2. FamilyID - int, FK(Family.FamilyID), null
3. FamilyRoleID – int, FK(lkpFamilyRole.FamilyRoleID), null
4. FirstName - nvarchar(30), not null
5. LastName - nVarChar(40), not null
6. MiddleName - nvarchar(25), null
7. Birthdate - shortDate, null
8. Gender - char(1), not null, constraint “M”, “F”, “U”
9. MartialStatus - nvarchar 15, null
   1. Single / Married / Divorced / Widowed / Unknown
10. Notes (Varchar(max), null, Sparse?)

### PhoneNumbers

1. PhoneID – int, identity, not null
2. FamilyID – fk, int, null
3. PersonID – fk, int, null
4. PhoneTypeID, int, null
5. IsPrimary, bool, null
6. CountryCode, int, null
7. AreaCode, int, not null
8. PhoneNumberTen, int, not null
9. DeleteDate
10. CreateDate

### Email

1. EmailID, int, identity
2. FamilyID, int, fk, null
3. PersonID, int, fk, null
4. ContactTypeID, int
5. Email
6. CreateDate
7. DeleteDate

### Address

1. AddressID, int, identity, not null
2. FamilyID, int, fk, null
3. PersonID, int, fk, null
4. AddressTypeID, int, not null
5. Address1
6. Address2
7. City
8. State
9. Zip
10. CreateDate
11. DeleteDate

### Members

1. MemberID (int, identity, not null)
2. PID (Int, null)
   1. Row Constraint PID and HID cannot both be null or not null
3. JoinDate (Date, not null)
4. SeperationDate (date, null)
5. SeperationType
6. Notes
7. ModifiedDate

### Baptism

1. BaptismID (int, Identity, not null)
2. PID (int, not null)
3. BaptismDate (date, not null)
4. Where(varchar(75), null)
5. ByWho – FK PID, null
6. Notes (varchar(max), null, sparse?)
7. CreateDate
8. ModifiedDate
9. DeleteDate

### ChristianStatus

1. RowID (int, Identity, not null)
2. PID (int, not null)
   1. Foreign key Person – PID
3. SalvationDate (date, null)
4. ModifiedDate
5. DeleteDate
6. Testimony (varchar(max), null, sparse?)

### PersonToGroup

1. PersonToGroupID
2. PersonID
3. GroupID
4. BeginDate
5. ModifiedDate
6. DeleteDate
7. Notes

### FamilyToGroup

1. FamilyToGroupID
2. FamilyID
3. GroupID
4. BeginDate
5. ModifiedDate
6. DeleteDate
7. Notes

### lkpGroup

1. GroupID
2. GroupName
3. GroupTypeID – FK(lkpGroupType), int, not null
4. CreateDate
5. ModifiedDate
6. DeleteDate

### lkpGroupType

1. GroupTypeID
2. TypeName
3. Notes
4. CreateDate
5. ModifiedDate
6. DeleteDate

### RolesToGroup

1. GroupRoleID
2. RoleID
3. MaxPositions
4. CreateDate
5. ModifiedDate
6. DeleteDate
7. Notes

### GroupAttendance

1. AttendanceID
2. GroupID
3. PersonID
4. AttendanceDate

### Ministries

1. MinistryID (int, Identity, not null)
2. Name (varchar(60), not null)
3. Description (VarChar(250), null)
4. FocusArea (varchar(60), null)
5. StartDate (date, not null)
6. EndDate (date, null)
7. Notes(varchar(max), null, sparse?)

### MinistryWorkers

1. RowID (int, Identity, not null)
2. PID (int, not null)
3. MinistryID (int, not null)
4. Role (varChar(25), not null)
5. StartDate (date, not null)
6. EndDate (date, null)
7. Notes (varChar(max) null, sparse?)