**Database**

1. **Table Names/Views**
   1. Singular
   2. No Spaces
   3. No Underscores
   4. Pascal Case
   5. BSS Schema (Pending Sr. DBA input)
2. **Table Fields**
   1. Singular
   2. No Spaces
   3. No Underscores
   4. Pascal Case
   5. Always an ID (GUID or integer, depending on requirement), is also a Primary Key. Use ID as suffix for the field name
   6. Do not use reserved SQL Keywords for Column Names.
3. **Types**
   1. Strings - nvarchar (do not use MAX unless there is a biz case)
   2. All fields are not Nullable unless it is nullable field.
   3. Date (UTC on code side)
      1. DateTime - Mostly small datetime
      2. Date
   4. User-defined data types should not be used.
   5. No XML types as much as possible.
   6. Do not use text/ntext types. Instead use varchar/nvarchar.
4. **Index/RelationShip Names**
   1. Prefix indexes with IX\_...
   2. Well defined name - use fields used in Indexe + table name
   3. Try to use SQL Server naming schema to name Constraints.
5. **General Standards**
   1. All SQL keywords and functions are in upper case.
   2. IF statements must always have BEGIN and END.
   3. No hard coding of any URLs/ server location in SPs.
   4. Do not use SELECT\*, instead specify all column names required in the query.
   5. Use WITH (NOLOCK) where applicable.