Consistency For all forms, show consistency..

1. Let control buttons i.e crud buttons be at the right bottom are of the form all the time   
2. On hitting enter/cancel, all forms should behave the same   
3. On hitting cancel, all forms should ask for saving unsaved data   
4. All forms that list a table, should show the primary key.   
5. All input fields should be validated before trying an add or update   
6. All 'adds' must first confirm the record does not exist.   
7. All deletes must be confirmed first   
8. All foreign keys must be lookups(preferably through combobox) unless the expected number is too large in which case you should use select( :: )button   
9. All errors in a form must be trapped and show to the user. Show the error message as well as the innerexception message if exists   
10. All errors in a library must be trapped and logged.   
11. All data entry forms should be validated according to the database structure. E.g. where data is nullable, don't make the textbox mandatory

Upload/download Remove in all forms. Create an upload/download wizard that   
1. Uploads to a specific table   
2. Should take care of constraints -eg primary key, unique indexes, foreign key, mandatory field   
3. Should take care of data types   
  
  
Login screen   
Use integrated security If unchecked, show a place to key in database login username and password and use them to connect   
  
  
  
Main Form   
Status bar If you double click selected database, show a form that shows the system details   
  
  
  
Programmes   
Edit-->programme courses --> delete Not deleting   
Programme Years Introduce a programmme year table with cols -ProgrammeId, Year(int), Description(text), NextYr(int). The primary key is programmeId + Year.   
  
Change the table Programme course to Programme Year Courses Introduce a programmme year courses table with cols -ProgrammeId, Year(int) CourseId, Semester(int). The primary key is programmeCourseId.   
  
  
  
  
Teacher   
Add Remove mandatory on 'Position'; 'date joined'   
Edit-->Teacher Date left cannot be less than date joined   
  
  
  
Classes   
Add Remove mandatory on 'Position'; 'date joined'   
Edit-->Teacher Date left cannot be less than date joined   
  
  
  
  
Database control panel   
Connect to server Make login name and pwd optional where integrated security is selected   
Code 1. Replace all the code in this form with the equivalent in the sqlhelper class that I created   
2. Remove all references to db.SBServers. infact delete sbserver table   
Update xml Create a List<SBSystem> systems from the databases listed then   
Use SQLHelper.SaveXML(List<SBSystem> systems, string filename)   
  
Set as default Use SQLHelper.SaveXML(List<SBSystem> systems, string filename) where the default system is now selected   
  
Restore When restore is clicked, bring up a form that asks restore to a) same place or b) different place. Same places uses RestoreDataBase(string BackupFilePath,   
string destinationDatabaseName,   
string DatabaseFolder,   
string DatabaseFileName,   
string DatabaseLogFileName)   
and different place   
BackupDatabase(SqlConnectionStringBuilder csb, string destinationPath)

School   
Edit Only one school should be default. If one school default = true, all other schools default should be set to false.   
Default Not working. Cant click   
School-->Delete Prevent deleting if there are students associated with it   
  
Classes   
Programme Connect the class to ProgrammeYear and not programme   
Shortcode To be unique id   
Add The programme combo to contain ProgrammeYear and not programme   
Class-->subjects Change it into a datagrid. To populate from programmeYearCourses for the user to enter course teachers & status only.   
Class-->subjects-->Delete Error on delete. The message is not correct. It is bringing the message even when the class is new   
  
Students   
Students List A listbox cannot hold a lot of records, it either crashes or will take too long to load and will freeze for the time it is loading. Since students are expected to be in hundreds or thousands, you need to re-design this as an intelligent select using selected key fields such as admin no, class, surname, etc   
School Should pre-select the default school only   
Edit-->Account Create account not working   
  
  
  
Grading system   
Add Show the added item immediately   
Delete Refresh the listbox immediately