Coding conventions

# Programming

Rules:  
No \_hungarian notation  
Enums are not pluralized  
Classes are not pluralized

|  |  |  |
| --- | --- | --- |
| **Code** | **Case** | **Example** |
| Global variables | lowerCamelCase | itemsToLoopTrough |
| Local variables / parameters | lowerCamelCase | itemsToLoopTrough |
| Method / function names | UpperCamelCase | CalculateDate |
| Classes / interfaces / Enums | UpperCamelCase | PaperTowel |
| Constant | FULLY UPPERCASE with underscores between words | MAX\_WIDTH |
|  |  |  |
|  |  |  |
|  |  |  |
| **Designer, we use prefixes for the GUI items** |  |  |
| Textbox |  | TbUserName |
| Label |  | LblUserName |
| Button |  | BtnLogin |
| Listview |  | LvCustomers |
|  |  |  |

More additional naming guidelines: <https://msdn.microsoft.com/en-us/library/ms229002.aspx>

# Database

We use a T-sql database.

Rules:  
Object names are easily understood  
Id’s are used as primary keys  
Table names are not pluralized  
Table or column names do not start with tbl or clmn (we know it’s a column)  
Table and column names may not match  
Abbreviations are allowed on really long words but the definition needs to be clear.

|  |  |  |
| --- | --- | --- |
| Table | PascalCase | CustomerInformation |
| Columns | PascalCase | UserName |
| Statements | FULLY UPPERCASE | SELECT, FROM, WHERE, DESCENT, GROUP BY ect. |
| **Prefixes allowed in (with cammelcase):** |  |  |
| View |  | vwNotPayingCustomers |
| Function |  | udfCalculateMonthlyLoan |
| Triggers |  | trigOnCalculate |