6. IMPLEMENTAION DETAILS

6.1. CODING STANDARDS

6.1.1 Purpose of Coding Standards and Best Practices

To develop reliable and maintainable applications, one must follow coding standards and best practices. The naming conventions, coding standards and best practices described in this document are those referred by us. There are several standards that exist in the programming industry. None of them are wrong or bad and one may follow any of them. What's more important is selecting one standard approach and made sure that it is followed holistically.

6.1.2 Naming Conventions and Standards

- Camel Case:

In camel case, no underscore to separate word but it will start from lower case and the first letter of each subsequent word is Capitalize. It is generally used in Variable and Method declaration.

- Pascal Case:

In Pascal case, no underscore and First Letter of each word is Capitalize, It should use for Class declaration.

- Use Pascal casing for Class and Method names.

- Use Camel casing for variables and method parameters.

- Do not use single character variable names like I, n, s etc.

- Do not use underscores (_) for local variable names.

- Do not use variable names that resemble keywords.

6.1.3   Indentation and Spacing

- Use TAB for indentation. Do not use SPACES. Define the Tab size as 4.

- Comments should be in the same level as the code (use the same level of indentation).

- Curly braces ({}) should be in the same level as the code outside the braces.

- Use one blank line to separate logical groups of code.

- Use #region (pragma mark) to group related pieces of code together