**Coding Standards**

1. Naming Conventions
2. Field, variable and function names must be in lower camel case.
3. Class names must be in upper camel case.
4. Array names must end with the word “List”.
5. Function names must start with an action verb.
6. Field, variable, function and class names must be descriptive.
7. Field, variable, function and class names must not exceed three words.
8. Constant variables must be in all uppercase, with underscore separators.
9. Packages should start with nl.<company> followed by application name, such as nl.first8.myapp.
10. Abbreviations must be avoided, if possible.
11. Controllers must end with the word “Controller”.
12. Formatting Conventions
13. Functions must have descriptions placed above the declarations.
14. Field description must be placed beside the declaration.
15. Multiple variable declarations in a single line are not allowed.
16. There must be exactly one line break before and after function definitions, class definitions, if-else statements and loops.
17. Return statements must use the “return” keyword.
18. Opening braces for control structures, classes and methods must follow the “Egyptian” style.
19. Control structure keywords must have one space after them.
20. Lines must not exceed 80 characters.
21. There must only be one statement per line.
22. One-liners must be avoided, e.g. separating the initialization of variables from other statement in order for its usage to be emphasized.
23. Recommended Practices
24. Copyright information must be placed on top in every main page.
25. Different file types must be placed in separate folders. i.e., js, css.
26. Import pages must be placed in a separate folder.
27. Weekly meetings must be held for progress reports.
28. Git commit messages must be informative.
29. Views must not include business or database logic as much as possible.
30. Code duplication must be avoided by creating methods for common operations.
31. Useless code should be removed, not commented out.
32. HTML main pages should be divided into separate files for improved readability.
33. Each team member must have his/her own Git branch.