Advanced Programming Practices

SOEN 6441

By Dr. Joey Paquet

**RISK Game**

**Coding Standards**

**Team No. 7**

Team Details:

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# Coding Conventions and Standards adopted in project

* **Code Layout**
* Blank lines have been left between code blocks to increase readability
* Curly braces are written on the same line on which code block starts, rather than on separate line

# Indentation

* The code should indented as per standards to improve code readability.

# File Organization

* The package name should be in lowercase. For this project, every package name starts with com.risk6441 and then append with the functionality that the classes in package are going to implement. ex. **com.risk6441.maputils**
* Any external file that is being used such as map file, should be in lowercase.
* **Naming Conventions**
* Constant have been named with uppercase letters and separated by underscore.
* Classes have been named as per their functionality..
* Classes have been named as per the architecture adopted and under the package.
* All class names start with upper case letter and words are separated using case change.
* Variables and method name starts with lowercase and words are separated using case change.
* Interface name starts with “I” and follows the same rule as class.

# Comments

* Commenting is done as per conventions for Java Doc.
* Comments should be provided for the code from which information can’t be inferred easily.
* The purpose of the method/class is stated at the beginning of every class or method.
* @see is used to link an existing API documentation.
* @param is used in some of the classes to define parameters used in the method.
* @return is used to return a value from a method.
* @link is used to link to another documented symbol, or to a URL external to the documentation.
* @throws is used to describe an exception that may be thrown from this method
* @see is used to add a hyperlinked "See Also" entry to the class.