FIBI\_GuideLines

General Guidelines for Coding, Commits, etc.,

Information specific to rules and guidelines to follow during course of the project

2016

FIBI

8/14/2016

## Coding - General:

* Java naming conventions for variables, methods, classes etc.,
* Author name for all the new classes created
* Comments for every classes and methods with the short description of its purpose
* Two space indentation
* Column limit can be 80 or 100 characters
* No C-style array declarations
* No wildcard imports
* Spell check validations
* Braces are used even when the body is empty or contains a single statement
* Default statements required in switch statements
* Modifiers appear in the order recommended by the Java Language Specification
* Constants use CONSTANT\_CASE. Note that every constant is a static final field, but not all static final fields are constants

## Coding – Advanced (FIBI Specific):

* Include Unit tests for all the new development activities
* Continuous integration with Jenkins
* Include Find-Bugs and Code coverage extensions in IDE
* Usage of Swagger framework for APIs

## Git Commits:

* Each and Every commit should follow the below format

**FIBI-<TicketNo><SPACE>|<SPACE><Short Description>**

**E.g**: FIBI-134 | Introduction of REST APIs

* General commits i.e., untracked in the ticketing tool must have the TicketNo set to ‘0’

**E.g**: FIBI-0 | Initial README changes

* Whatever development activities made on the particular day should be pushed to its remote branch by EOD

## Testing:

* Should have the CI scripts ready which needs to build the project in remote branch every day.
* Should have the automation scripts ready (Jmeter for REST APIs, Selenium for Web-Automation)