**Code Standard**

Admission system

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# **Revision**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Version** | **Update date** | **Author** | **Content** |
| 1 | 1.0 | 1/3/2014 | Khau Thanh Dao | Define document |

Table 1: Revision history

# **Introduction**

## Purpose and scope of document

This document describes the general convention on the construction of the source code for E – Health System projects. Compliance with this convention will get the source code of the project team standards, clear and easy to maintain as well as future development.

This document only describes the conventions about the work which construction source code in Java

## Expected audiences

|  |  |  |
| --- | --- | --- |
| **No** | **Readers** | **Reason for reading** |
| 1 | Developer | Refer and apply in develop |

Table 2: Expected audiences

## References

N/A

# **Source code standard**

1. **Pascal Case** (Upper Camel Case): This rule requires uppercase of the first letter of every word.
2. Example: PasCalCase
3. **Camel Case** (Lower Camel Case): This rule requires the first letter of the first word in lowercase. The rest of the first letter uppercase.
4. Example: camelCase

|  |  |  |
| --- | --- | --- |
| **Component** | **Naming convention** | **Noted** |
| Variable | camel Case | Example: userNumber |
| Field | camel Case | Example: userName |
| Getter và Setter | camel Case | Example: getUserName, setUserName |
| Method | camel Case | Example: renameUser |
| Parameter | camel Case | Example: pUserName |
| Widget | camel Case | Example: submitButton, titleLabel |
| List | camel Case | Example: users, listUsers |
| Object | camel Case | Example: userObject |
| Class | Pascal Case | Example: UserClass |
| Interface | Pascal Case | Example: UserInf |
| Implement | Pascal Case | Example: UserImp |
| Controller | Pascal Case | Example: UserController  Path: src/main/java/’root package’.controller/  Example: vl.cmu. project.controler |
| View | Pascal Case | Example: UserRegister.jsp  Path: src/main/webapp/WEB-INF/views |
| Model | Pascal Case | Example: UserMod  Path: src/main/java/’root package’.model/  Example: vl.cmu. project.model |
| Domain | Pascal Case | Example: UserDom  Path: src/main/java/’root package’.domain/  Example: vl.cmu. project.domain |
| Data Acces Object (DAO) | Pascal Case | Example: UserDAO  Path: src/main/java/’root package’.dao/  Example: vl.cmu. project.dao |
| Service | Pascal Case | Example: UserService  Path: src/main/java/’root package’.service/  Example: vl.cmu. project.service |
| Utilities | Pascal Case | Example: UserUtil  Path: src/main/java/’root package’.util/  Example: vl.cmu. project.util |
| Resource | Pascal Case | Example: các file hình ảnh, âm thanh, video,...  Path: src/main/resources / |
| Constant | Upper Case | Example: DEFAULT\_NAME |
| Package | lower case | Example: vl.cmu. project |
| Configuration | lower case | Example: user-config.xml  Path: src/main/webapp/WEB-INF/spring/ |

Table 3: Code standard

# **Database standard**

All tables named after Pascal's rule (Capitalize the first letter of the word in the name)

The name of the field in the table is named according to Pascal, do not include spaces or underscores or words in Vietnamese.

The correct name, for example: ModifiedDate, ModuleName ...