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| **Design plan: Store Desktop Application** | **Document Name: Coding Standards Document** | **SWD/Form No.8** |
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**Coding Standard Document**

1. **Programming Standards**

* Every button should have an Icon for expressing, image icons have to store in the folder Icons in source “[Project\_Name]/src/Icons” and They are imported using “Image chooser, Image within Project, Image using for project have extension **.png**.
* Must have declaration part for classes and interfaces using for the project.

1. **Standards for code writing style**

* Statement of each group must indented a **Tab**.
* Using “{}” to block a group of statements or only one statement even and the “{“ is right after the declaration. For example:

If (today == 5){

Statement;

}

* Each group of a work should have a line gap. For example:

Work 1: Variable declaration;

Work 2: Access database;

Receive data;

Process data;

Work 3: Close data;

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|  | **Prepared By (Student)** | **Approved By (Teacher)** |
| **Date: 3/20/2017** | **Nguyen Phuoc Nguyen** | **Luong The Anh** |
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1. **Standards for declaring Variables**

* Every Variable are meaningful, the first word is lowercase and each meaning word later have the first letter is uppercase.
* Variables are using for loop can be “I” (Index) and loops inner can use “j” and then “k”, “m”, “n”. For example:

For (int I = 0; I < n; i++){

For (int j = 0; … //Allowed

For (int n = 0;… //Now allowed, next of “j” is “k”

}

1. **Standards for function declaring Variables**

* Must have declaration for any functions and it declares return value, parameters if necessary. For example:

//Reload the interface

Public void load(){

}

* Any lines have to fix in 80 character, if not, detach it.

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