

Coding Standards

(version 1.0)

Team-5

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1. Introduction

The purpose of this document is to define a standard coding style to be used by Team 5 members of Software Engineering course running at DA-IICT, Gandhinagar, session 2011-12, for implementation of the project “Webmail SMS Notification”.

2. Importance

Coding standards play an important role in smooth flow of the work line of the project because it provides:

- Enhanced understand ability.
- Greater consistency.
- Easy development and deployment of the project.
- Supports in documentation.
- Easier transition among developers.
- Encourages code sharing.
- Code will be more comprehensive and will become easy-to-maintain.
- Avoids resolving of the same problem.
- Increases module/error tractability by many folds.
- Maintain and secure source code quality.

3. Coding Standards adhered

Most of the coding for our project “Webmail SMS Notification” has been done in JAVA---backend java, frend -jsp, . So, listed below are some of the coding standards that we have followed for the entire course of project duration:

- Well commented code.
- Unambiguous commenting.
- Avoiding redundant comments.
- Using English as standard documentation language.
- All the package names should be in lower case.
- All abbreviations and acronyms used are explicitly defined.
- No use of goto, break and continue.
- Functions named such that its return type and objective can be estimated from its name.
- Proper indentation used.
- All files of particular package starting with package name.
- All variables properly initialized.
- Minimum use of global variables.
- Type conversions must always be done explicitly.
- Special attention towards keeping the scope of variables confined.
- No multi meaning variables.
- Use of i,j,k,l,m,n only as the loop variables.
- Avoiding type mismatch errors.

- Reviewing personally after module completion whether it works as required.
- Use of multi-line commenting.
- Consistency in the name of variables used. Use the same name of the attributes as used in the ER Diagram