**Configuration Management Plan**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** | **Version** | **Author** | **Date** | **Comment** | **Peer review** | **Date** | **Comment** |
|
| **Internet Banking System** | **1.0** | **Alaa Gamal** | **29-Apr-19** |  |  |  |  |

Contents

[**1.** **Introduction:** 3](#_Toc7576318)

[**2.** **Scope of Configuration Management** 3](#_Toc7576319)

[**3.** **Configuration Management Tool** 3](#_Toc7576320)

[**4.** **Items of Configuration Management** 3](#_Toc7576321)

[**4.1** **Project Management Repository** 3](#_Toc7576322)

[**4.2** **Requirements Repository** 3](#_Toc7576323)

[**4.3** **Design Repository** 4](#_Toc7576324)

[**4.4** **Development Repository** 4](#_Toc7576325)

[**4.5** **Testing Repository** 4](#_Toc7576326)

[**4.6** **Master Repository (Main Repository)** 4](#_Toc7576327)

1. **Introduction:**

The primary focus of the Configuration Management (CM) is to identify and control major software changes, ensure that change is being properly implemented, and report changes to any other personnel or clients who may have an interest.

1. **Scope of Configuration Management**

The objective of CM is to limit the impact changes may have on the entire system. This will help to eliminate unnecessary changes, and to monitor and control any necessary changes. This allows software development to continue, despite large and/or insignificant changes without significant backtracking, lessening development time and resulting in a higher-quality product.

The SCM team will oversee these activities, and any changes to existing code or architectural design must pass their inspection before they are carried out.

1. **Configuration Management Tool**

The tool that will be used in the banking system project will be GitHub.

Configuration Management Leader will be responsible to create Repository on GitHub

1. **Items of Configuration Management**
   1. Project Management Repository.
   2. Requirement Repository.
   3. Design Repository.
   4. Development Repository.
   5. Testing Repository.
   6. Master Repository.

### **Project Management Repository**

Project Management Repository will be include the plans documents of project as below

* + 1. Project plan
    2. Project Schedule
    3. Testing plan
    4. Development plan
    5. RTM (Tractability Matrix)
    6. Configuration Management plan
    7. Team structure
    8. Roles and responsibilities

### **Requirements Repository**

Requirements repository will be include all requirements documents of the project as

* + 1. Customer Requirements
    2. Software Requirements Specification(SRS)
    3. Software Requirements Specification Peer Review(SRS PR)
    4. Software Interactive Questionnaire (SIQ)
    5. Risk plan
    6. Issues sheet

### **Design Repository**

Design repository will be include all design documents of the project as

* + 1. System Design
    2. Low Level Design

### **Development Repository**

Development repository will be include all code’s version

* + 1. Version of codes every version will be in a folder

### **Testing Repository**

Testing repository will be include all items that has relation to testing as

* + 1. Test cases sheet
    2. Bug report
    3. Use cases

### **Master Repository (Main Repository)**

* + 1. Folders each folder contain version of base line of code, test cases, Design, SRS.