Core & Iris

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# Overview

Main purpose of this page is to help new projects / teams to understand and implement various best practices that need to be followed in developing enterprise java applications. Most of the content documented in this page is inspired and taken from Core & Iris projects.

If you want to contribute / require more information about implementing them in your project, please contact gravikumar@prokarma.com

# Project Management Standards

There are different ways to manage your project. Two popular methodologies that we are following in net control are:

* Kanban
* Scrum

# Design Standards

Various areas need to be focused as part of design .Below are some areas that need to be focused as part of design.

* Scalability
* Error Handling
* Fault Tolerance
* Security
* Performance
* Maintainence
* Best Practices at API / Framework level

# Coding Standards

Every enterprise java project should have coding standards defined and enforced in their project. Below steps help you in defining and implementing coding standards in your project.

* Create a coding standards document for your project.
* Integrate your code with Sonar Qube
* Organize your eclipse
* Implement and encourage code reviews

# Testing Standards

It is very important to come out with a detailed test plan document for your project. This test plan document should highlight testing standards that are followed in a project. Creating a test plan for a project varies from project to project. Various testings that can be carried out before taking your code to production are presented below.

* Unit testing
* Integration testing
* Acceptance testing
* Performance testing
* Smoke testing
* Regression testing

# Build & Deployment standards

# SCM Standards

# People Management Techniques

* **Motivating employees to add value to team** : It is responsibility of each and every person in team to contribute towards teams growth by sharing business knowledge , technical knowledge and other information. It is also important to document all the contributions that are made by individuals and consider them during appraisal time.Let us use this wiki page to track and

# Purpose of this page

It is responsibility of each and every employee to contribute towards team/organisation growth. We require a proper way to assign, motivate and reward employees contributing towards team/organisation growth.

This page is useful for

* Identifying action items that add value to team/organisation.
* Assigning action items to team members .
* Tracking contributions made by individual towards team/organisation
* Reference page during appraisal/promotion time to see contributions made by individuals other than delivery.