**Organisation**

Kulkarnis Investment Bank develops in house trading applications. The applications are deployed to different types of test environments like development (DEV), regression (REG), integration (SIT), User Acceptance test (UAT) etc. for the purpose of testing and eventually when the application testing is signed-off it gets deployed to production (PROD) systems.

**Problem**

The software deployment into environments is done manually, leading to inconsistent configuration and application deployment. Which in turn leads to varying test results. When the same application is deployed to production, the risk of missing some manual steps is very high and can lead to a loss of revenue for the bank and perhaps reputational risk.

The numbers of releases in PROD are increasing due to the high demand for quick changes to the trading application by the business. To deal with the demand, IT needs a deployment system that manages auto deploy of the application and its relevant configuration across all environment types like DEV, REG, UAT, PROD etc. It should allow the abstraction of the environment specific configurations that are injected at deployment time. The environment specific configuration is stored and managed from one central location.

The system should also be able to generate KPI (key performance indicator) reports that provide a view of the number of deployments done, no of successful deployments, number of failed deployments etc. It should also provide an ability to be able to schedule deployments out of office hours to reduce the environment downtime.

**Key Processes**

Application deployment

Configuration Deployment

Scheduled deployments

Environment specific configuration management

KPI report generation

**Key Stakeholders**

Environment Manager/Analyst

Release Manager

Production Support Analyst

Production Support Manager

Development Manager