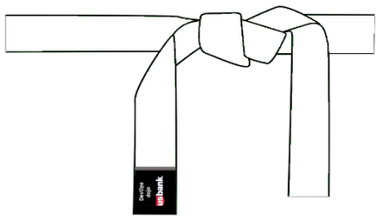
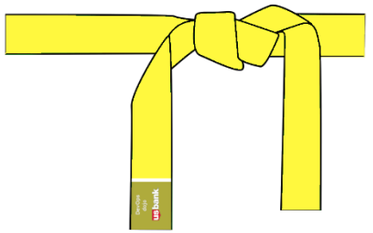
## WHITE



Teams with **AWARENESS**

DevOps dojo white belt teams have foundation and a high-level understanding of DevOps, CICD & Automation.
A DevOps taxonomy to help familiarize and provide you with an understanding of DevOps concepts and principles
Prerequisites: none

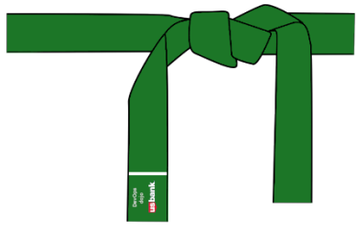
## YELLOW



Teams with an **INITIATIVE**

DevOps dojo yellow belt teams have hands-on experience with an interactive usage with EDSE Pipeline. These teams have begun onboarding their applications, and able to test CICD pipelines in DEV or UAT environment, and have put comprehensive checks to track Agile work with DevOps

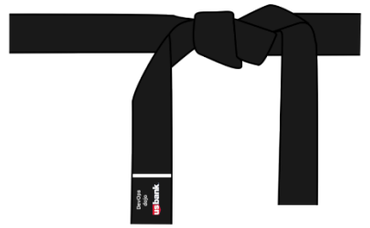
## GREEN



Automate **COMPLETE** deployment

DevOps dojo Green belt teams are running their projects in the production environment using CICD pipeline. They are using industry standard DevOps practices in better collaboration and speed to market.

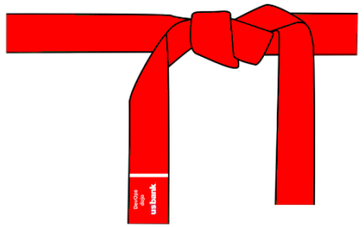
## BLACK



**INTEGRATE** SaaS, IaaS, PaaS

DevOps dojo black belt teams share a passion for end to end automation using new tools. Have continuously improved their People, Process and Technology. These teams have undergone Project to Product transformation, iterating and involving in the Development to Production stages.

## RED



**PIONEER** new tech

Teams have an expertise in DevOps to their use case, ability have a greater impact across organization and ability to drive business with niche expertise. Use of new ways to implement new concepts such as Machine Learning, Blockchain, Data Science, Quant, etc.

## INITIATIVE badges

**Culture and Lean Product**

People, process, and products to enable continuous delivery of value to our end users

**Design Thinking**

Design thinking in product engineering

## EXPLORATION badges

**Value Stream Mapping**

Optimize your processes for value delivery & speed

**Test Driven Development**

Use TDD & BDD to create tests first & code second

## ESTABLISH badges

**Containerization**

Use of docker, Kubernetes in your project, manage your containers

**Site Reliability Engineering**

Service Level Agreement, Service Level Incidents, Service Level Objective

## EXPANSION badges

**Infrastructure as a service**

Infrastructure management and dynamic infrastructure management using Infrastructure as a Code

**Incident Gap Analysis**

Analyze Incident lifecycle & continuously improve reaction time

## EXPERTISE badges

**Continous ML Scaling**

Ability to scale Machine Learning models & manage accuracy in the production environment

**Intelligent IOT Security Platform**

Enable IOT Security & Monitoring the Infrastructure

**Agile Planning**

Implementing Agile & SAFe

**Continuous Learning**

Learning new DevOps taxonomy, for Continuous Planning and Continuous Integration, Agile Planning and CAPEX estimation.

**Pairing**

Implement Pair programming, Peer review & document review processes in agile process

**Leading Change**

Leading change in DevOps process, empower people to lead change & make impact at different levels in an organization

**Version Control**

Use Gitlab or other SCM to records changes to a file or set of files over time so that you can recall specific versions later

**Continuous Integration**

The process of merging work from all the developers in a team into the master branch as and when required.

**Continuous Testing**

Execute Automated Tests from a CICD pipeline, monitor quality and speed

**DevOps Kaizen**

Track events to continuously improve process

**Release Management**

Managing releases with pipeline, measure work with code commits & merges into CICD. Manage deployment through tools like Spinnaker

**Pipeline monitoring**

Monitoring & control of your pipeline with a dashboard

**SecOps**

Security must be considered from the beginning & continuously assessed. Shift Left on Security. E.g Threat Modelling

**Immunity Testing**

Using resiliency & Chaos Monkey

**Configuration Management**

Manage Environment using Chef/Puppet/Ansible. Shift Left on container configuration with Kubectl & Helm Charts

**Continous monitoring**

Real-time dashboards to evaluate your releases in the dashboards

**ChatOps**

Integrating ML for cognitive chat response. Faster collaboration by integrating chatbots to CICD and servers

**Compliance as a code**

compliance & audit measures in your code with Verification as a service

**Threat modelling**

Use advance security concepts into your architecture with Encryption as a service

**DevBizOps**

Business IT alignment from the Biz loop by automatically aligning all downstream activities with the goals and objectives needed to deliver the expected business value.