

# Introduction to Git

Lesson 00



# Document History

| Date        | Course Version No | Developer/SME  | Reviewer     | Change Record Remarks |
|-------------|-------------------|----------------|--------------|-----------------------|
| 17-Jul-2020 | 1.0               | Manish Rajhans | Shital Patil | Draft Version         |
|             |                   |                |              |                       |
|             |                   |                |              |                       |



# Course Goals and Non Goals

## ➤ Course Goals:

- To understand concepts of repository with Git
- To learn implementation of Git
- To develop applications enabling version control with Git.

## ➤ Course Non Goals:

- Able to use repositories in projects and managing versions.





# Intended Audience

➤ Developer





# Day Wise Schedule

## ➤ Day 1

Lesson 01: Getting Started with Git



# Table of Contents

## ➤ Lesson 01: Getting started with Git

- Introduction
- What is Git?
- Benefits of Git
- Installing Git
- Basic Commands
- Creating and exploring Git repository.
- Committing changes to repository.
- Creating Git repository
- Pushing changes to GitHub
- Cloning repository
- Forking repository
- Branching repository
- Checking out logs of repository



# References

- Git Official Documentation:
  - <https://git-scm.com/doc>
- GitHub Official Documentation:
  - <https://docs.github.com/en>





# Next Step Courses

## ➤ Courses on Next:

- <https://degreed.com/learning#/search?term=Git&type=course>





# Other Parallel Technologies

- SVN (Subversion)
- BitBucket
- GitLab