

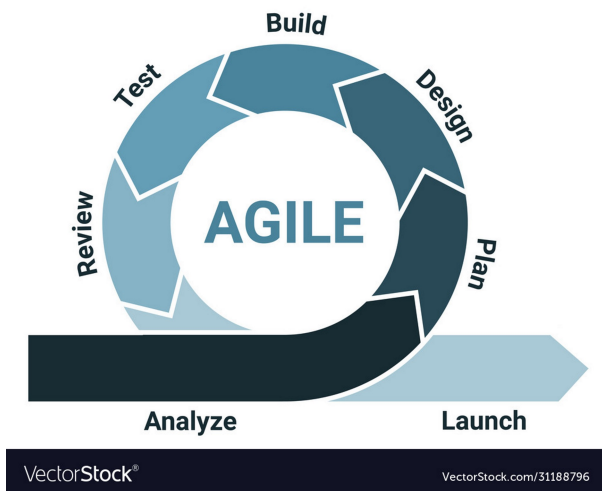
Day 3 Contd. Intro To Azure Boards | Git | Azure Repos

- Request Parallelism for Azure Devops

- [Microsoft Forms](#)

- AZURE BOARDS [Tool for PLAN Phase]

- **Agile Software Development**
 - Better discovery and solution improvement compared to old software development lifecycles [Waterfall Model].
 - This was more collaborative.
 - More inclusive for cross functional teams.



SCRUM - It is part of AGILE methodology.

Scrum is a cycle of 2-4 weeks for small tasks.



- Azure boards basically will help you out to track tasks, features, bugs, issues that may be associated with your project.
- Situation
 - I have a e-commerce app/website
 - Need to add UPI payment mode for website.

Keywords

- **USER STORIES** - They need UPI payment.
- **EPICS** - Significant feature or requirement for your product is called as EPIC
 - Add UPI payment for the e-commerce application/website.
 - **FEATURE 1** [Release unit]
 - ◆ **ISSUE 1** - Code not successfully working with application
 - ◇ **BUG** - S/W engineer is working on the bug.
 - ◆ **ISSUE 2** - Time to deploy the code is more than 6 weeks.
 - **FEATURE 2**

KANBAN Boards - SIGN Boards

Iterations [Sprints]

Source Control [Code Phase]

- Version control is the practice of tracking and managing changes to a code/file.

Benefits

- Backup
- Tracking changes
- Collaboration
- Maintain a single source of truth
- Audit

GIT [Distributed Version Control]

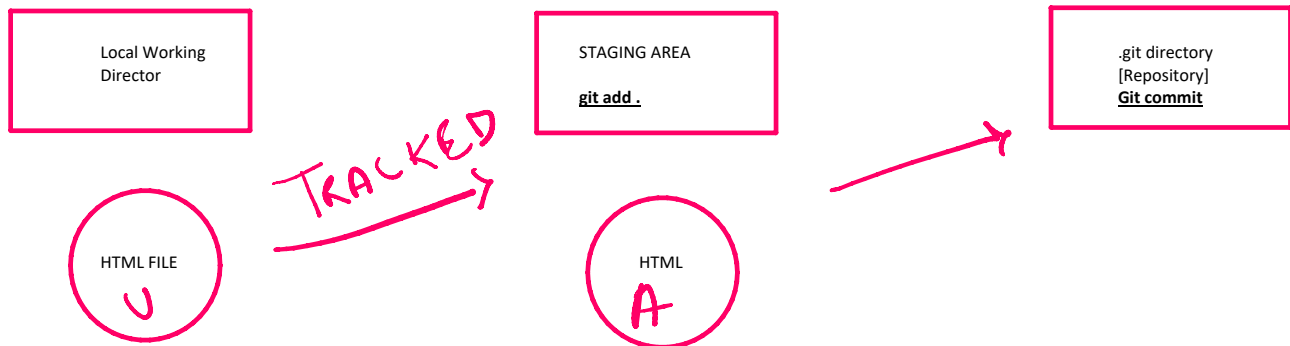
- Widely used version control system.
- Records changes made to your code.
- Install git on your local system to use it.

Types of Repository

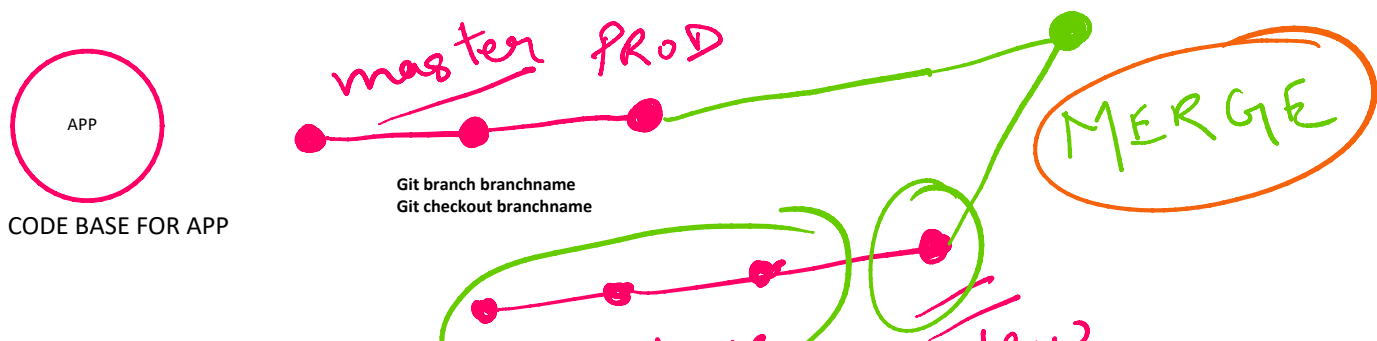
- Local
- Remote [GitHub]

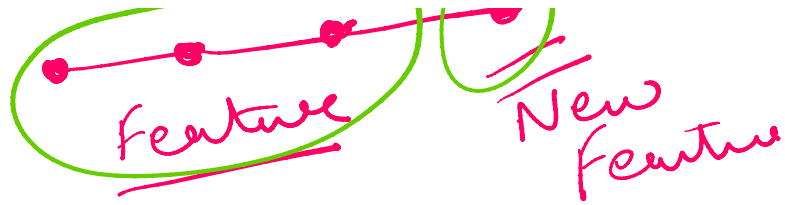
Demo Git

1. Install the git tool.
2. Initialize an empty git repository. [git init]
3. Start working on your files.



GIT BRANCH





Remote Repository - GITHUB

1. Create a github account
2. Create a repo on github

Azure Repo - Remote repository solution by Microsoft Azure.

[Equivalent to github]

Additional Topic

Git Stash

git stash temporarily shelves (or stashes) changes you've made to your working copy so you can work on something else, and then come back and re-apply them later on. Stashing is handy if you need to quickly switch context and work on something else, but you're mid-way through a code change and aren't quite ready to commit.

