GIT & GITHUB

→ Problem

→ Solution

→ History

→ Lab .

$\Rightarrow$ All Interview Questions.

PROBLEM

Homepage

Developer

Day 5

Version 1

Add one more Banner

Change - 1

Version 2

Change the colour

Day 6
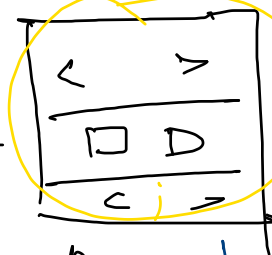
Change the Buttons

Day 7
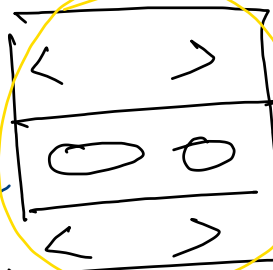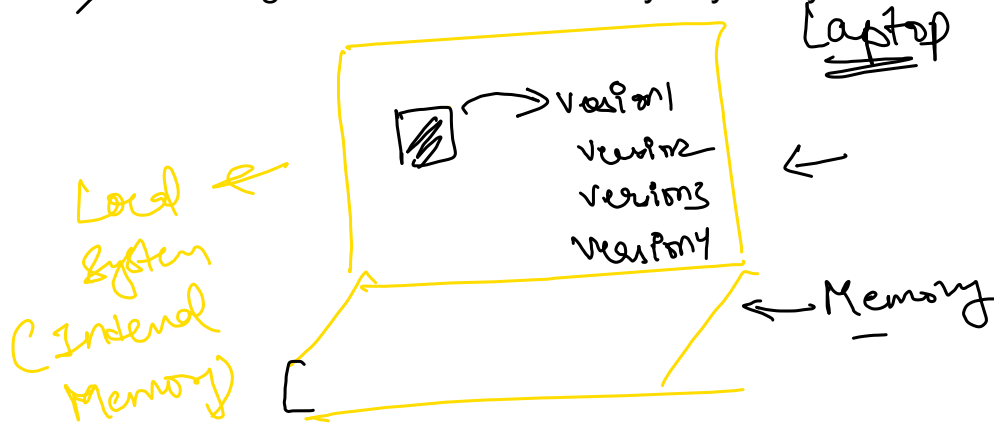
Version 3
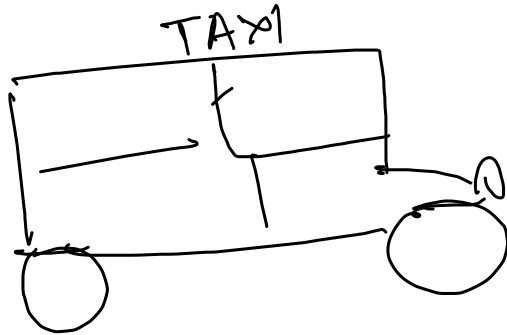
Client

Version 4

Client

① Local version control System (LVCS)   (2000-2005)

Creating versions in the memory of your system

Laptop

Version
Versions
Versions
Version

Local System (Internal Memory)

← Memory

① Apple Inc (2000)

Website
→ veesion 1
→ response 2
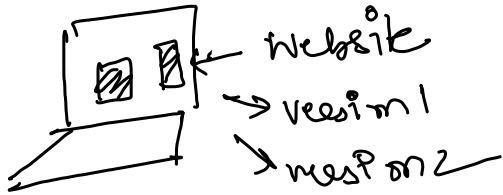
TAXI

① FORGOT THE LAPTOP
IN TAXI ??

② CENTRALISED VERSION CONTROL SYSTEM
(CVCS)

Internet

abc.com — Server

(Remote Repository)

(2005-2015) ← Bank.

Internet
Storage where we
will keep our code

Storing over Internet

commit   update   update   → Internet Storage

DEVELOPER   DEVELOPER 2
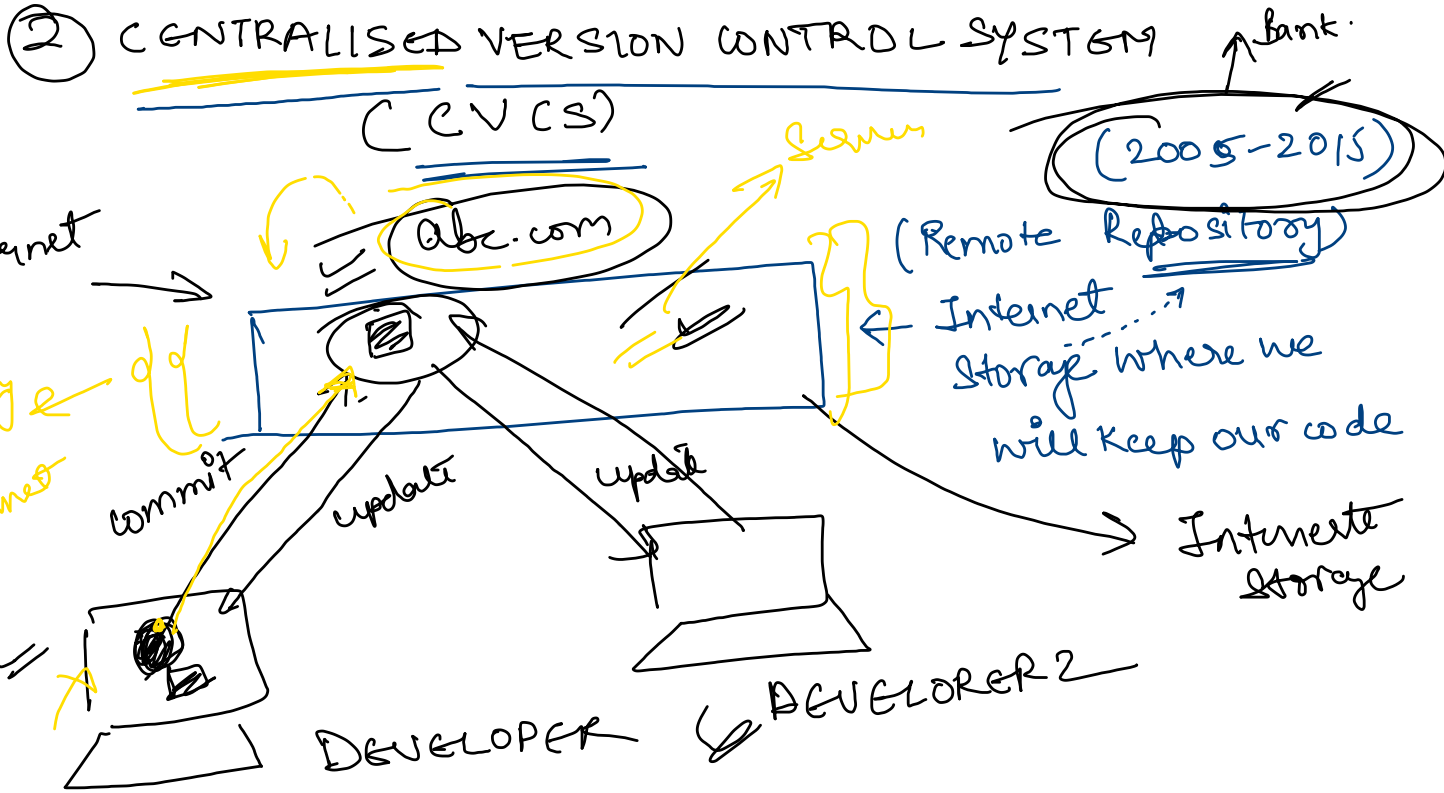
③ Distributed Version Control System (DVCS)

$\hookrightarrow$ CVCS + LVCS $\hookleftarrow$ (2015 - currently)

centralised + Local

Vision1 V2
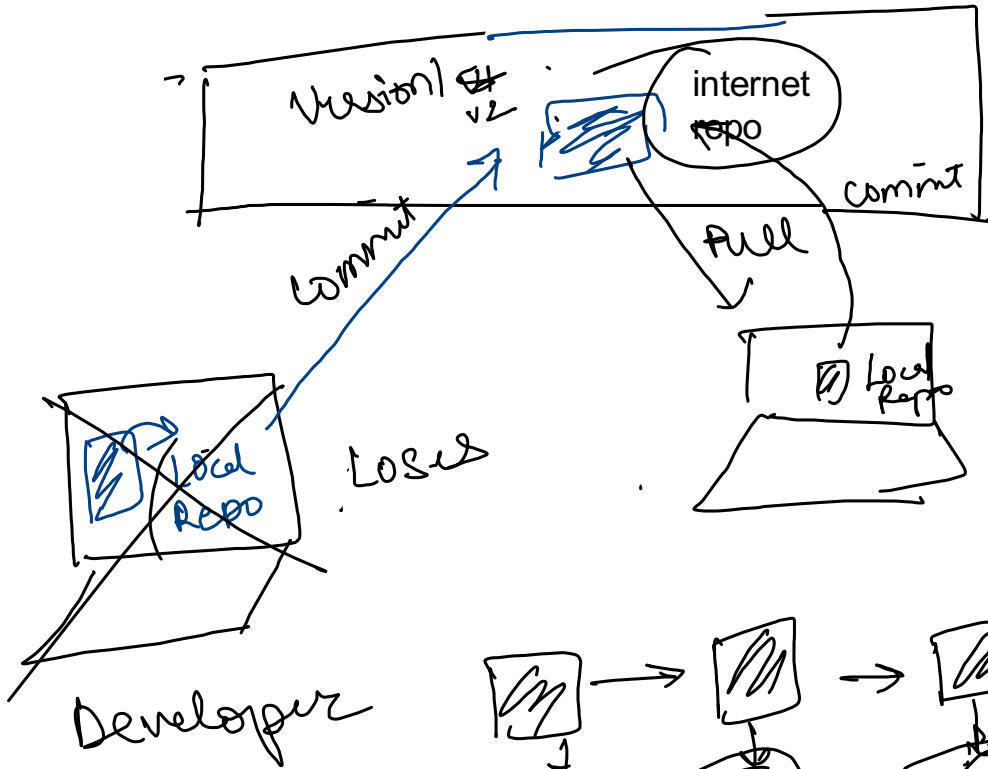
internet repo

Central Repo
(Internet Storage)

commit

commit

Full

Local Repo

Loses

→ Local Repo
V1
V2
(Internal Storage)

Local Repo

Developer

V1 → V2 → U3

github.com

Microsoft

(FREE)

← {Internet Repo}

(Remote Repo)

Local Repo

→ It is rested in Internal storage of Laptop

GIT (Software) (FREE)

(Linux foundation)

(free Software)

← Laptop
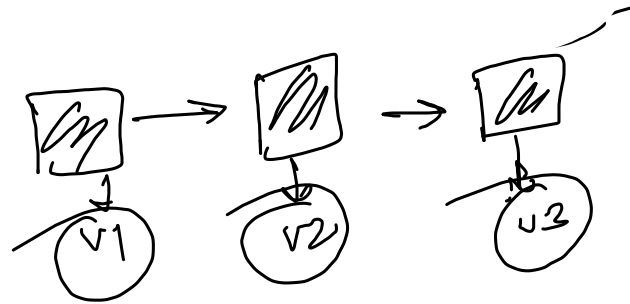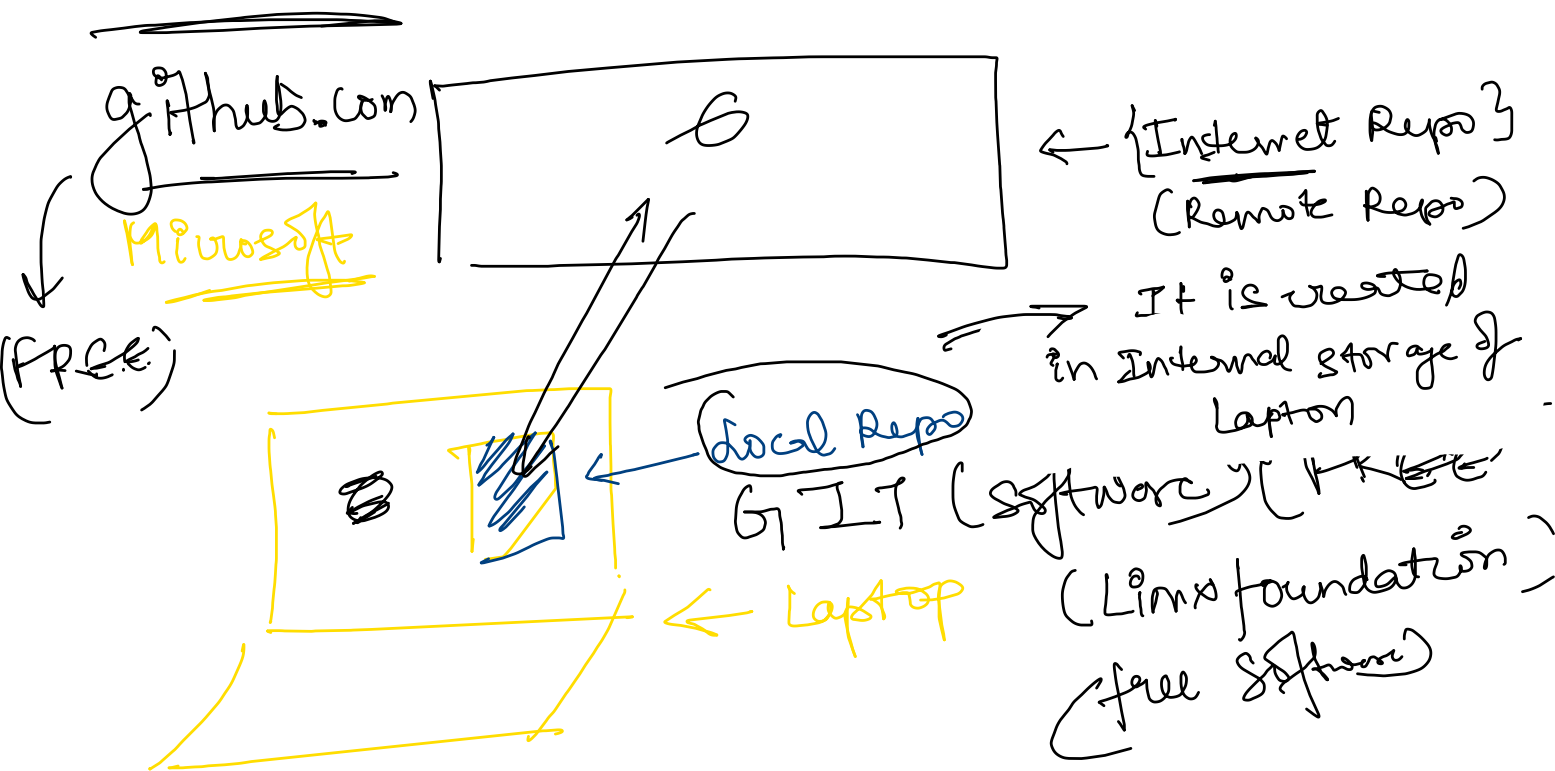
GIT

Working
directory
(working Space)

title
file 2

title
file 2
Local
Version

folder

batch 10

git init

Staging
area
(Temporary
Storage)

Local Repository

3 May

git add file1 → STAGING AREA → Temporary Storage

file1 → file1 (tracking file)
file2
file3
file4
file5
file6

LOCAL REPO

commit (Version)

WORKING DIR

FOLDER

git init

The files you think is complete is put in staging area

→ github.com