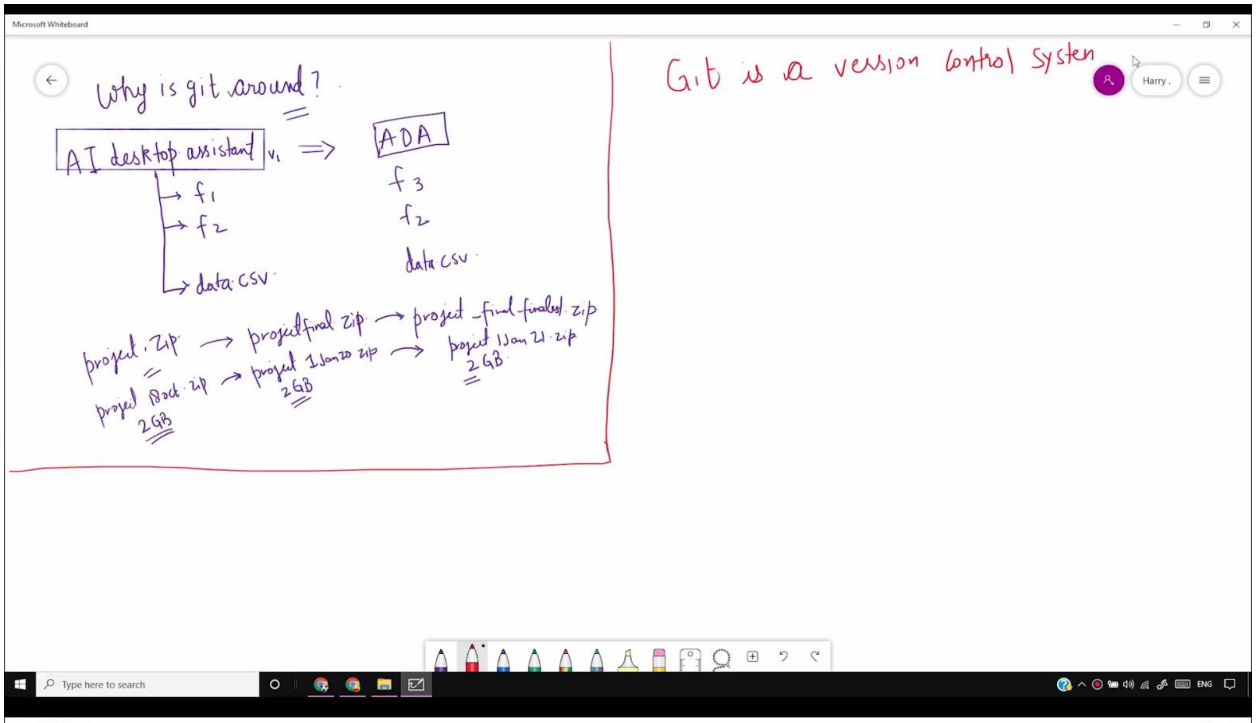
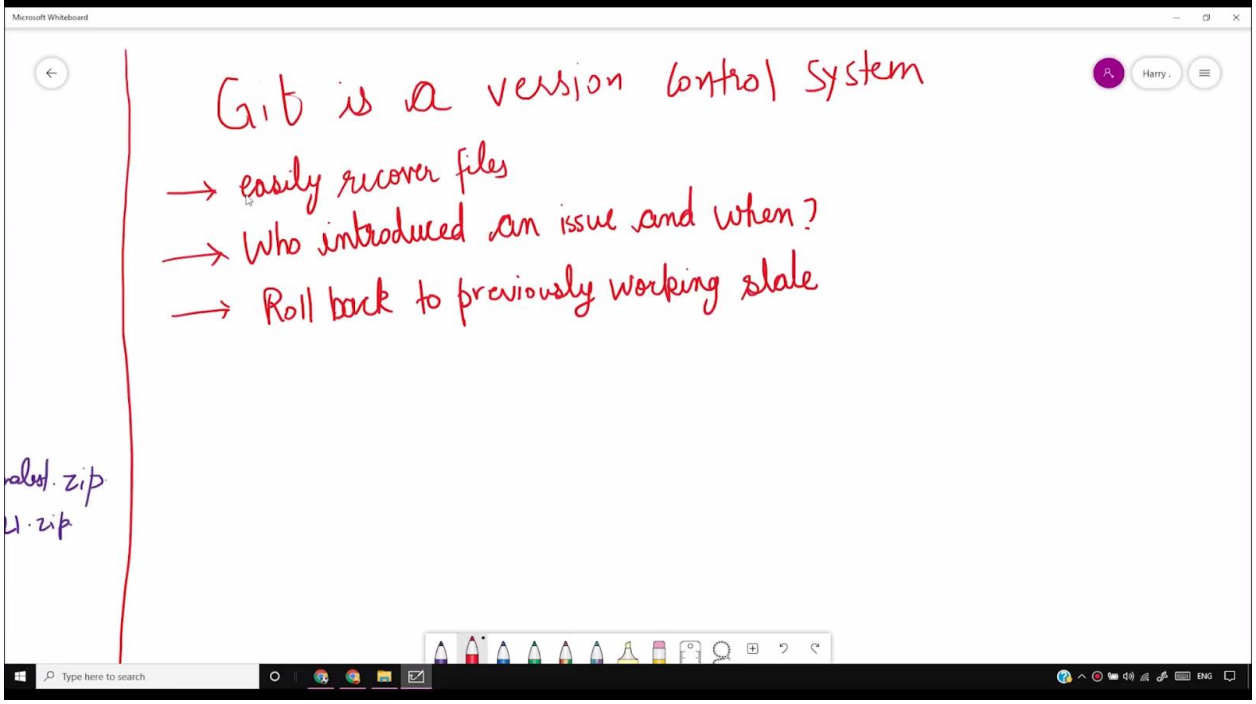
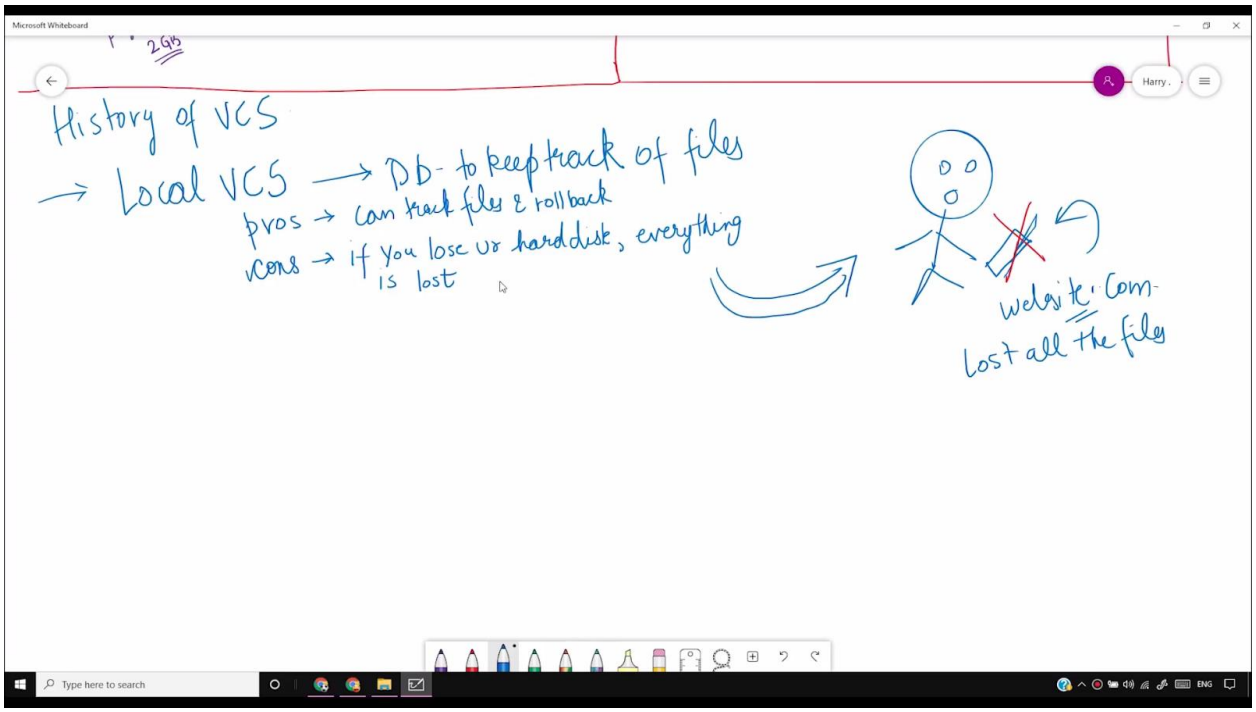
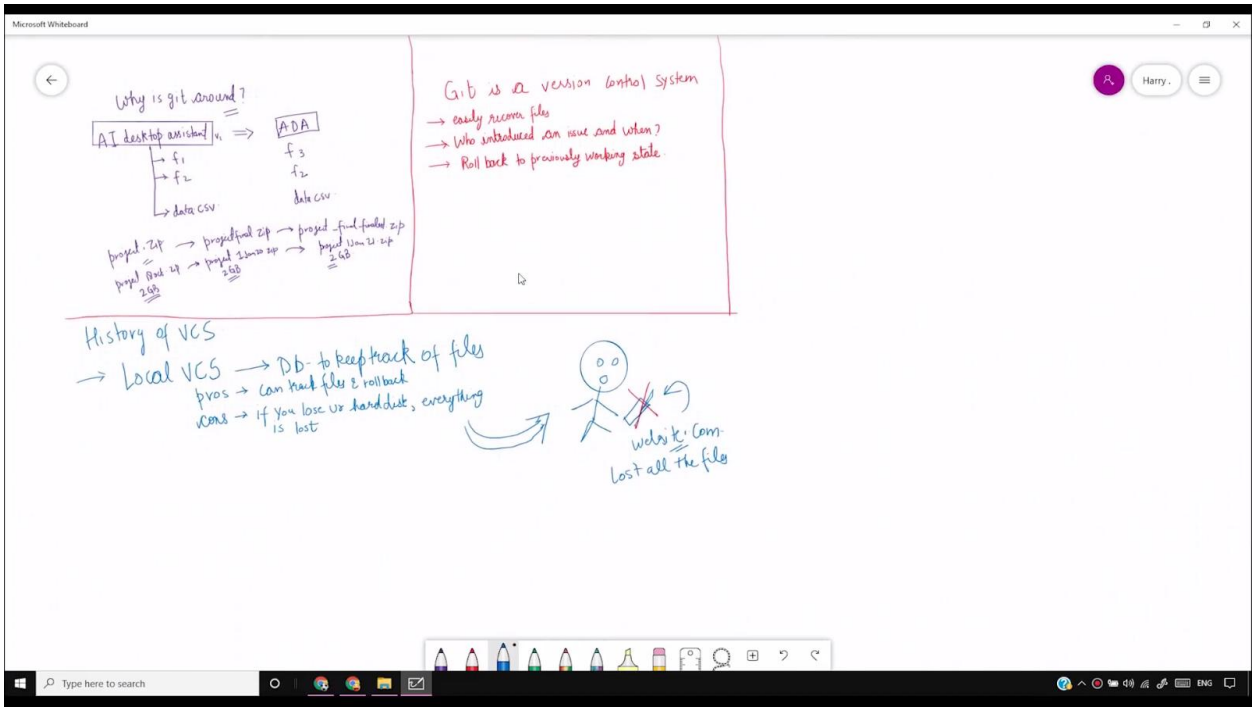




VCS – Version Control System

Db - Database


Microsoft Whiteboard
Harry.
History of VCS
→ Local VCS → DB - to keep track of files
pros → can track files & rollback
cons → if you lose ur harddisk, everything is lost
website.com
Lost all the files
Type here to search
ENG


Microsoft Whiteboard
Harry.
Why is git around?
AI desktop assistant v1
ADA
f1
f2
data.csv
f3
f2
data.csv
Git is a version control system
→ easily recover files
→ Who introduced an issue and when?
→ Roll back to previously working state
History of VCS
→ Local VCS → DB - to keep track of files
pros → can track files & rollback
cons → if you lose ur harddisk, everything is lost
website.com
Lost all the files
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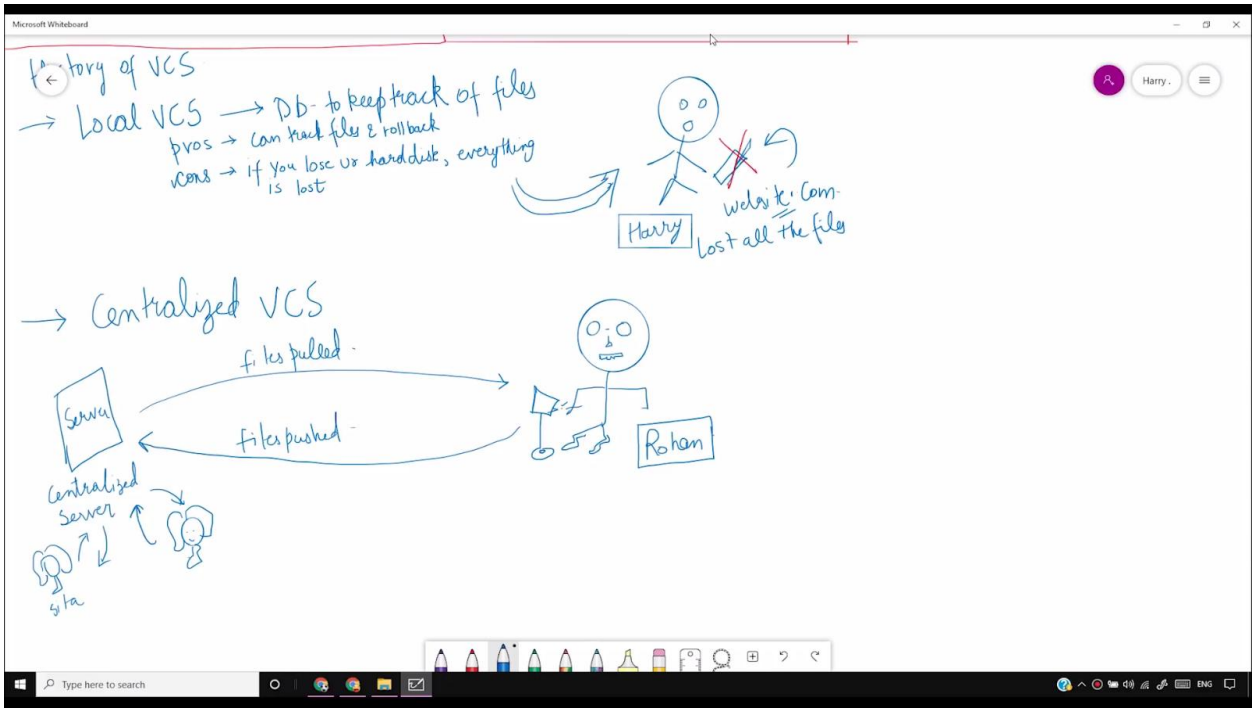
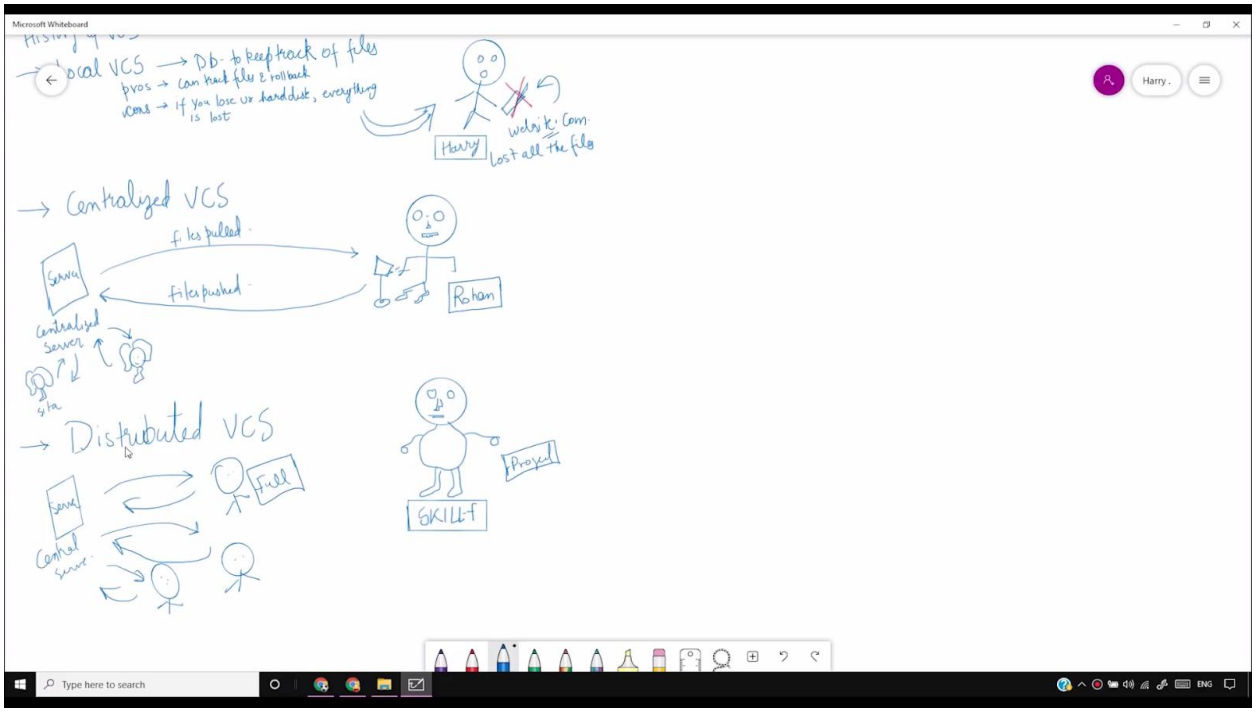
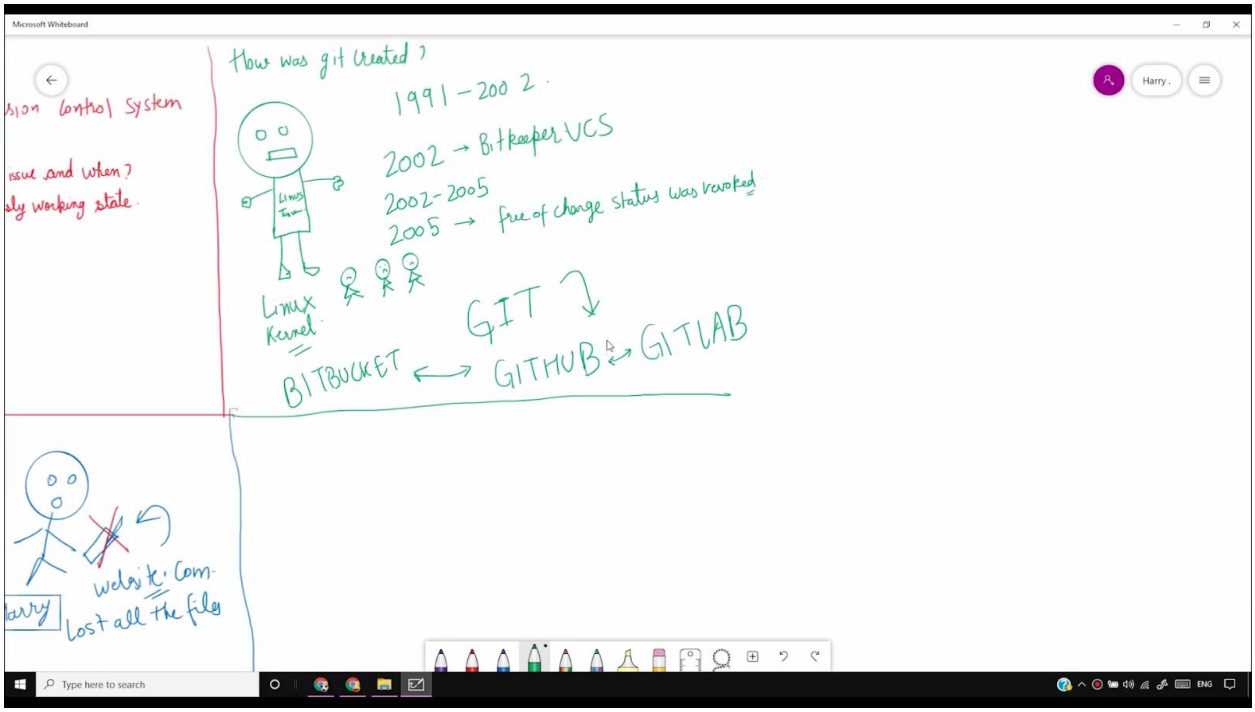
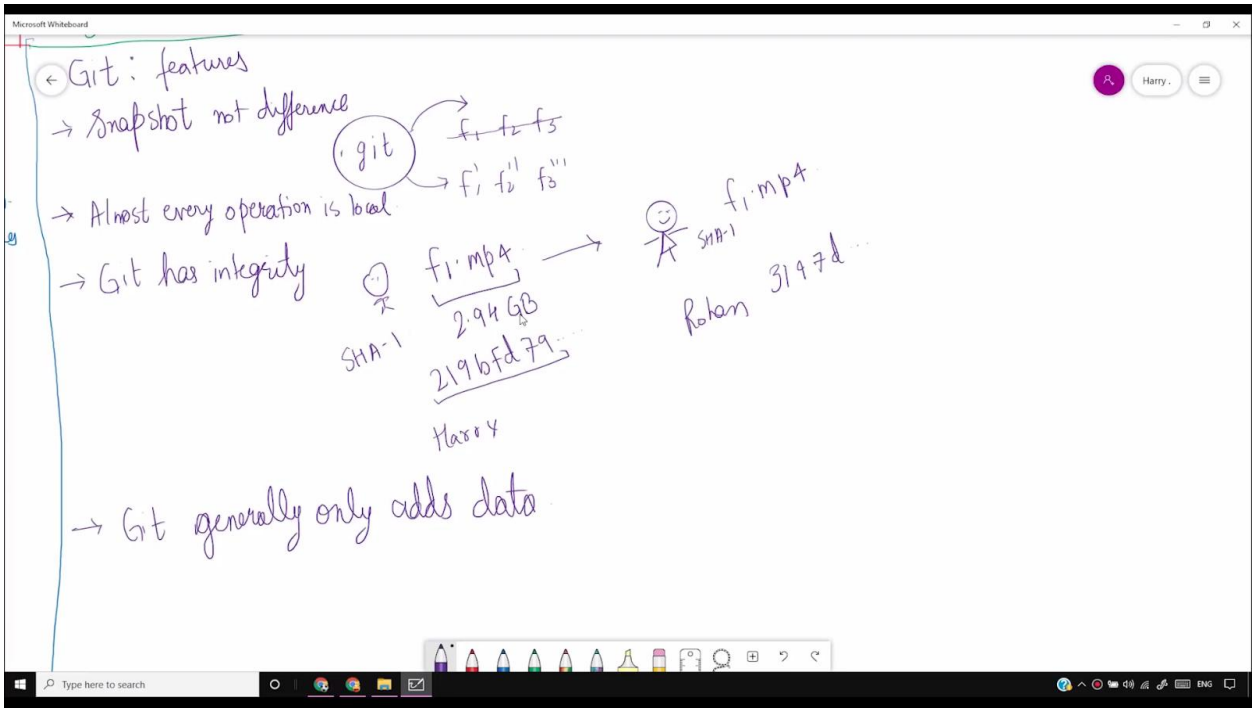
ENG


Microsoft Whiteboard
Harry.
history of VCS
→ Local VCS → DB - to keep track of files
pros → can track files & rollback
cons → if you lose ur harddisk, everything is lost
Harry
website. com.
Lost all the files
→ Centralized VCS
files pulled
files pushed
Server
Rohan
centralized server
Type here to search
ENG



Git is Distributed VCS


Microsoft Whiteboard
How was git created ?
1991 – 2002.
2002 → Bitkeeper VCS
2002-2005
2005 → free of change status was revoked
Linus Tour
Linux Kernel
GIT
BITBUCKET
GITHUB
GITLAB
sion control System
issue and when ?
ly working state.
website. Com.
Lost all the files
Harry
Harry.
Type here to search
ENG



Checksum → used to check is file is modified

Checksum is unique for each file even if we do a small change in the file

It can also used to check if the file is hacked or not

If we download (or transfer) a file from internet, its checksum should be same (as file is same)