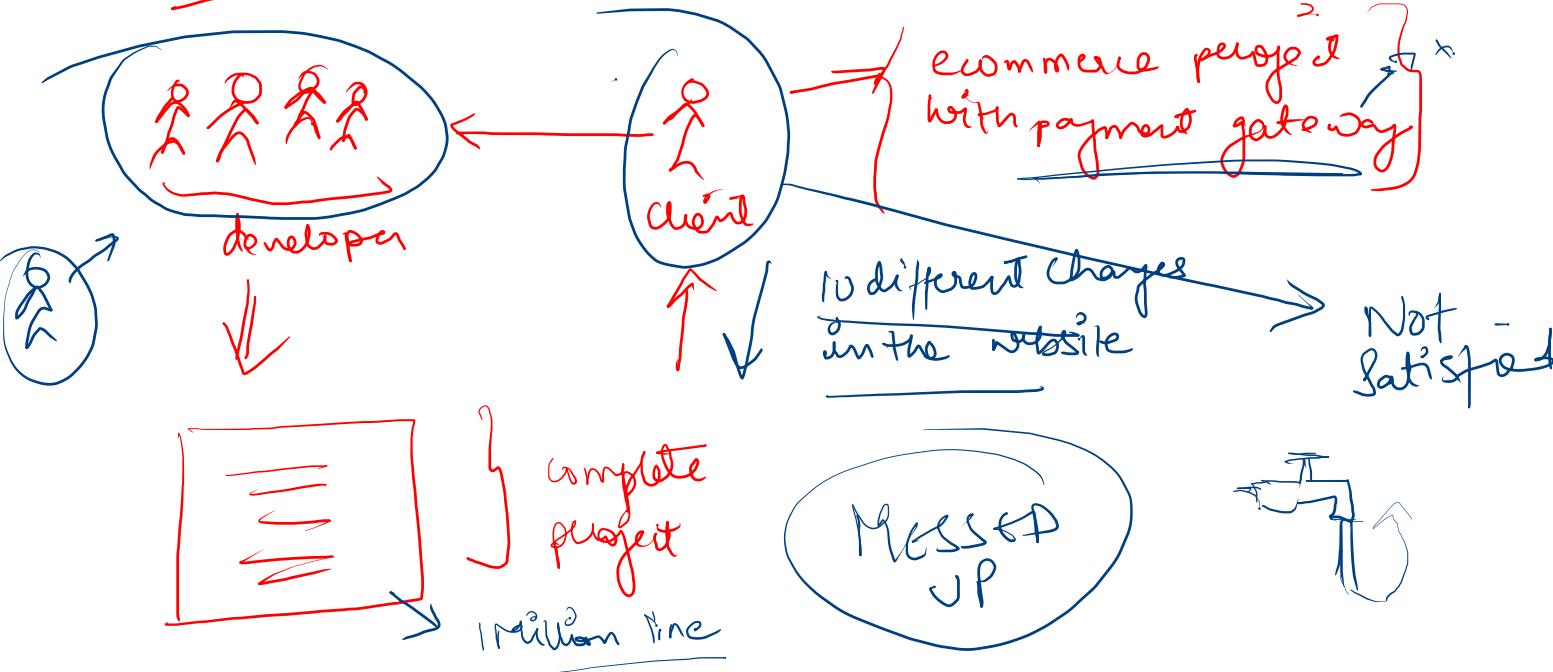


Problem Story 90s 2000 Year Waterfall Model II

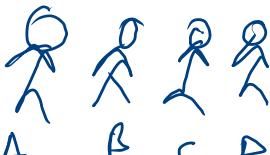


Problem

1990's

.Net

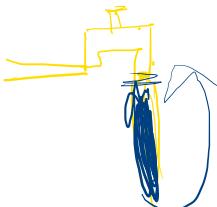
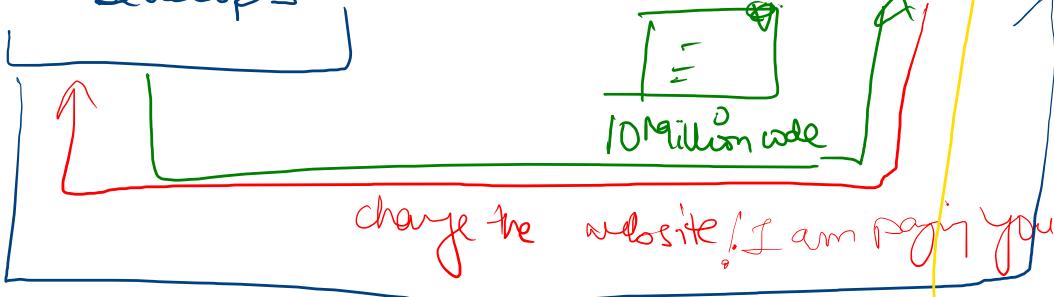
Waterfall model



4 Month

Developers

2 Month



1990's

Let me drop the idea.

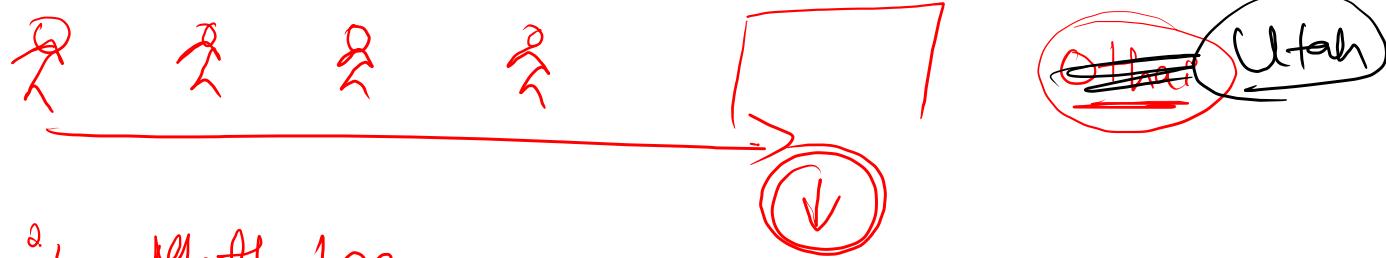


Client

→ products to delivered at home  
→ website

→ payment gateway  
→ Accont  
→ Trace

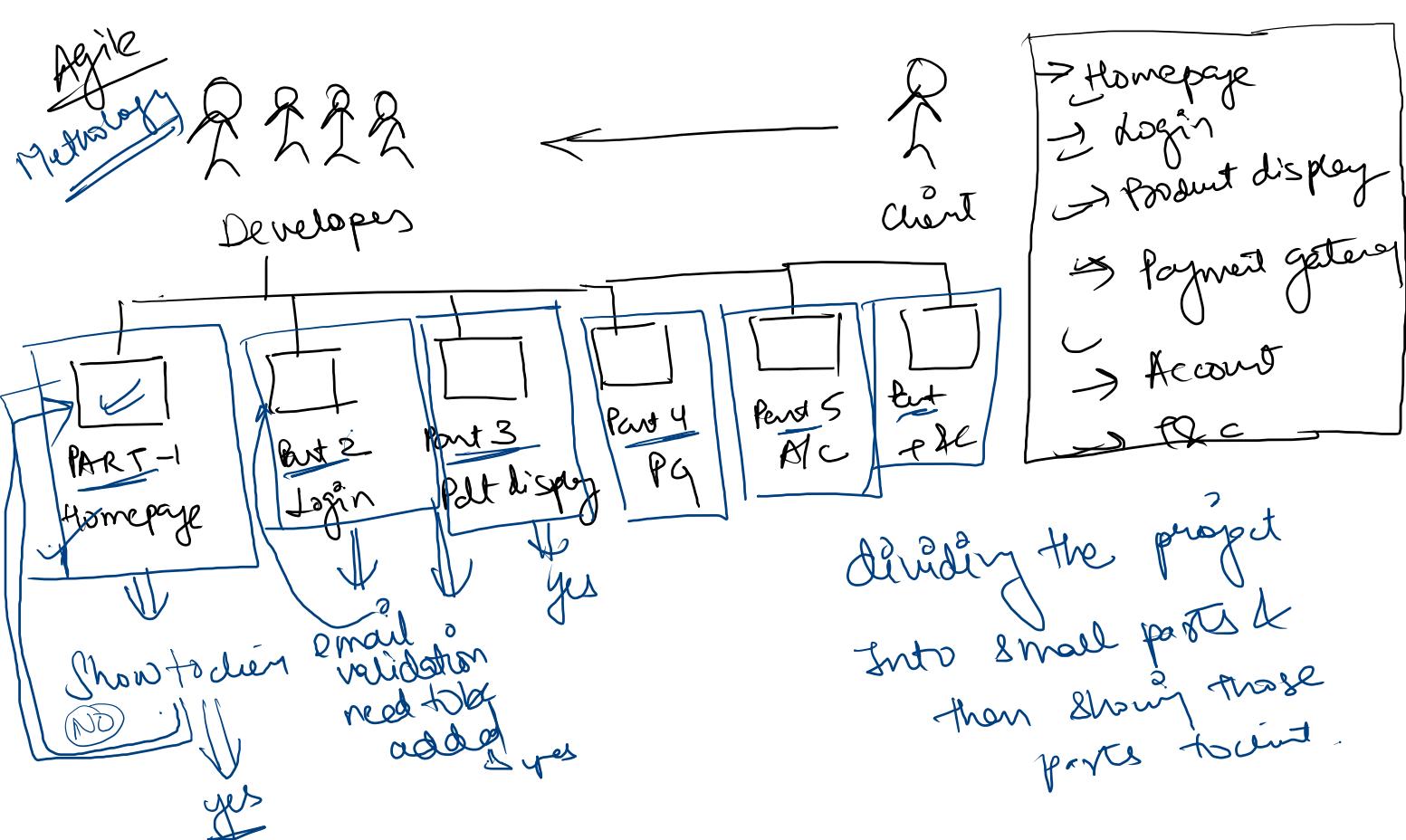
delay



## Agile Methodology

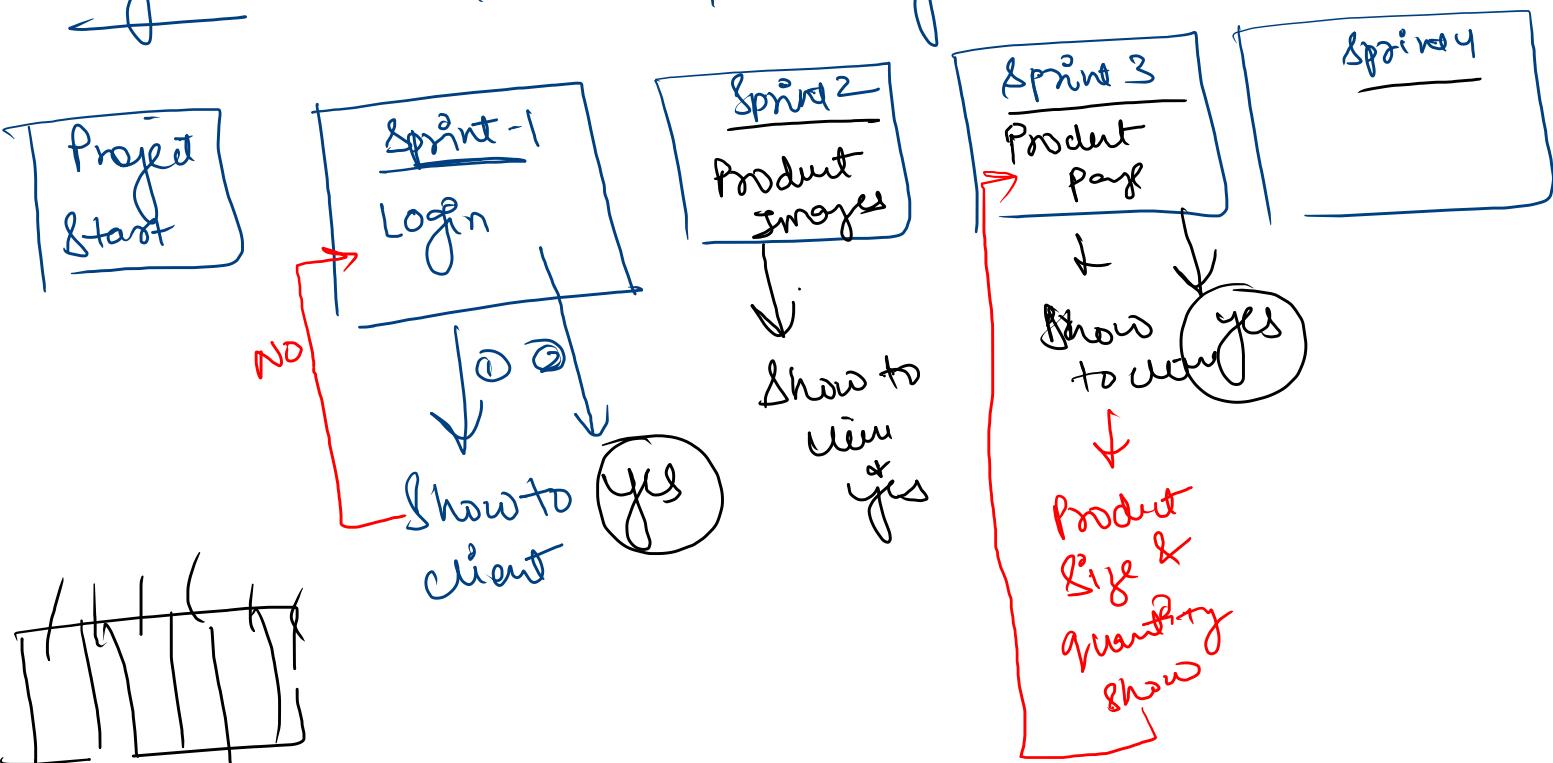
→ Build Short, Built Often.





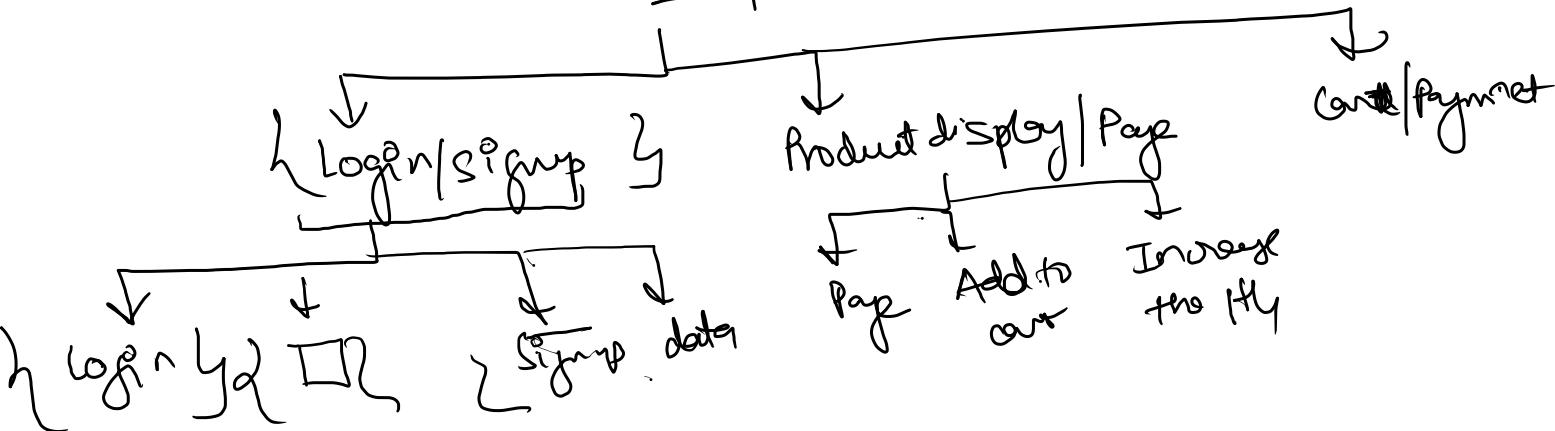
Dividing the project  
into small parts &  
then showing those  
parts to client

Agile → Build Short, Build Often



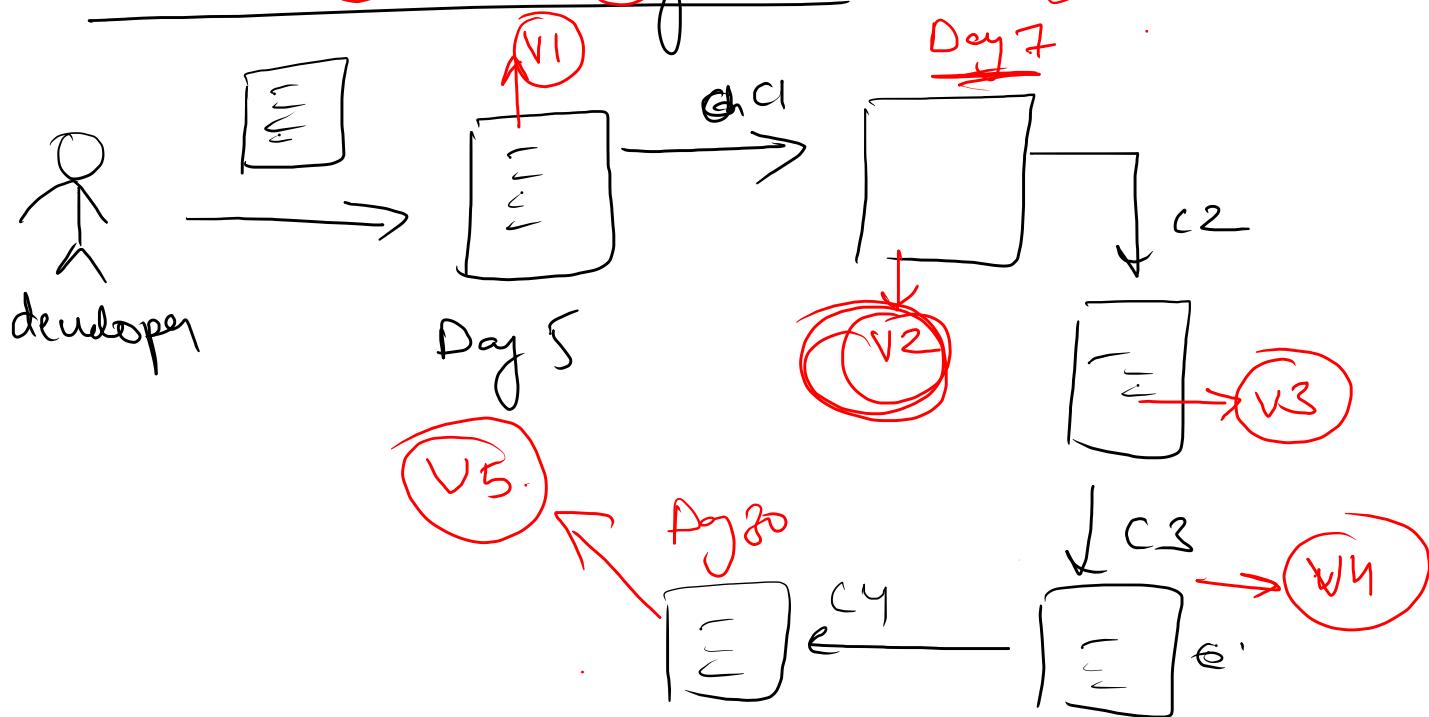
Scrum → Agile Methodology

{ Project (ecommerce)

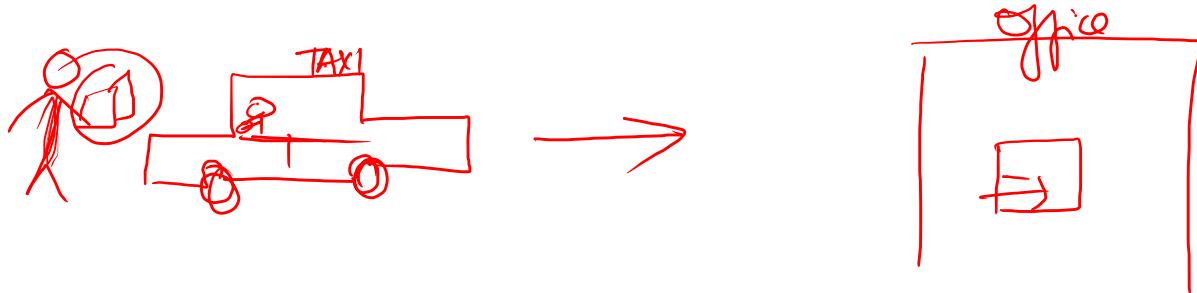


# # Version Control System (VCS) ✓

①



②  
problem

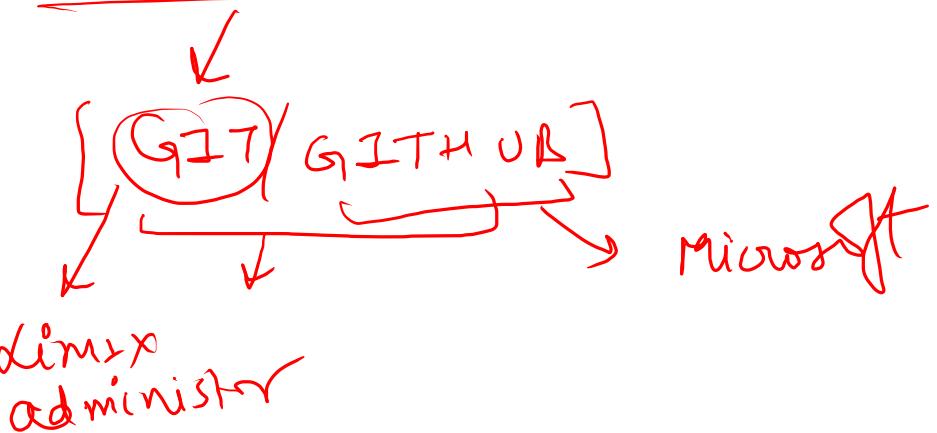


1 year ← } forgot my Laptop in car.  
data is lost  
(website)

Laptop → ~~HDD/SDD~~ → corrupt

Solution

- Local version control ✓
  - Centralized version control ✓
- Distributed version control

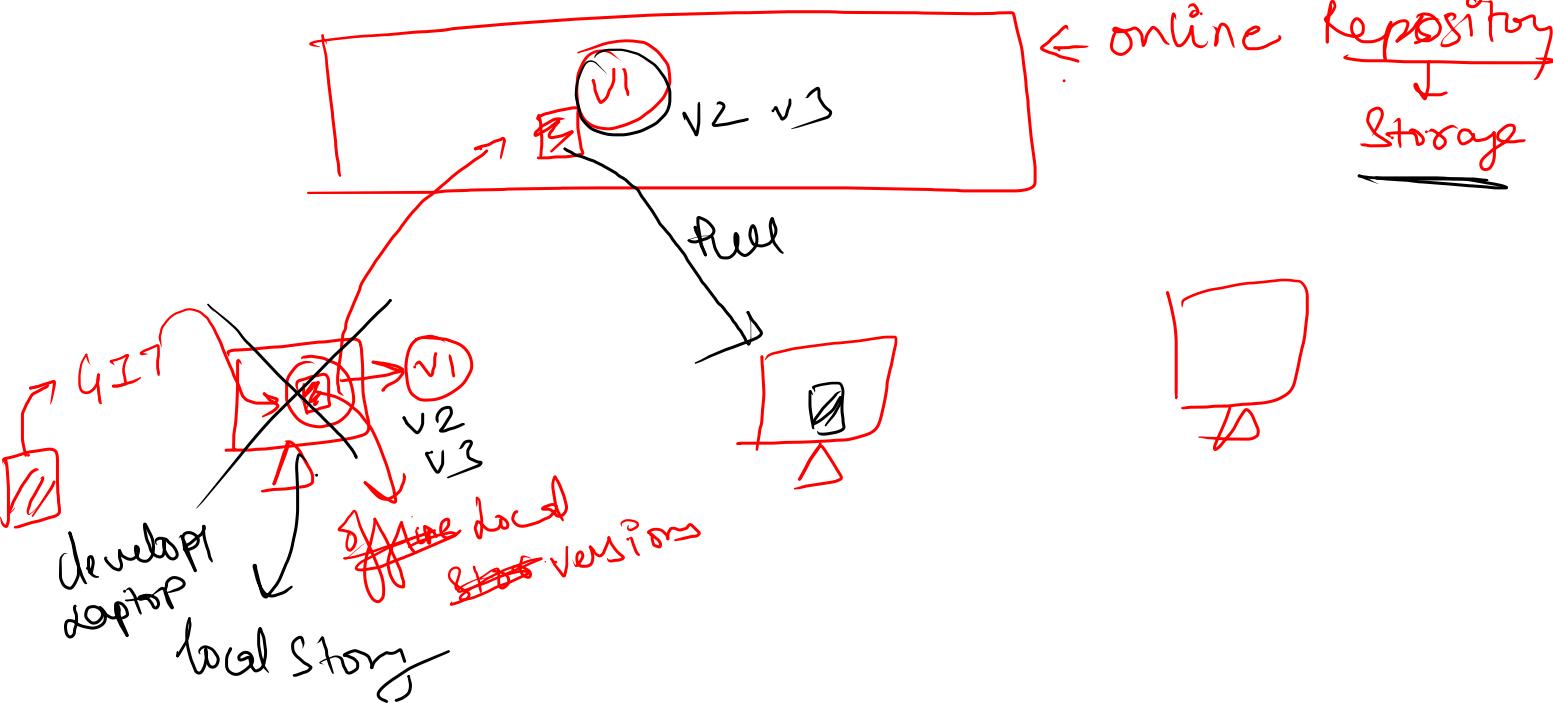


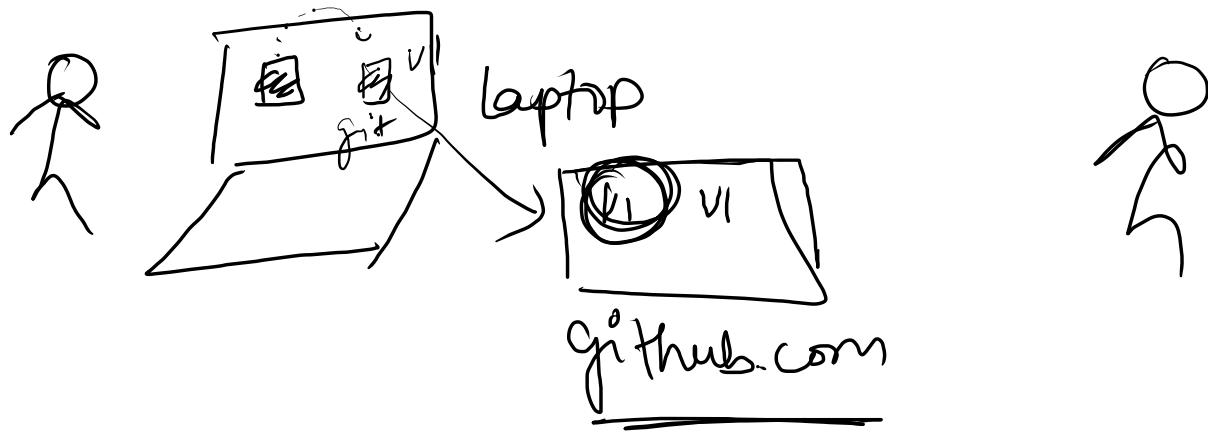
GIT/GITHUB

Storage over Internet

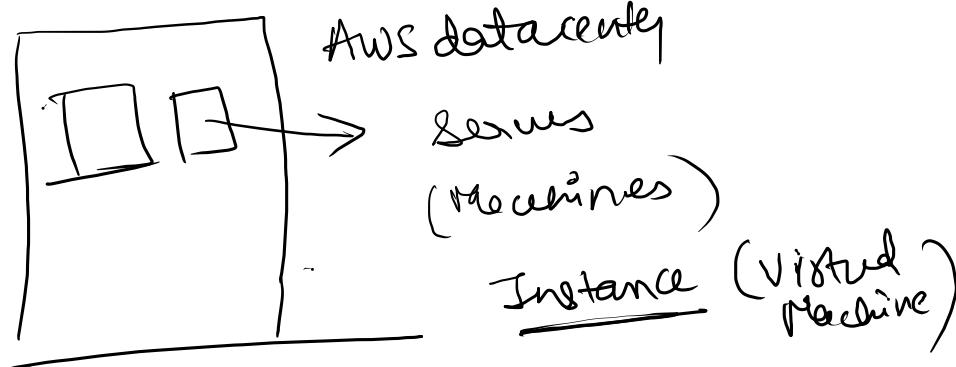
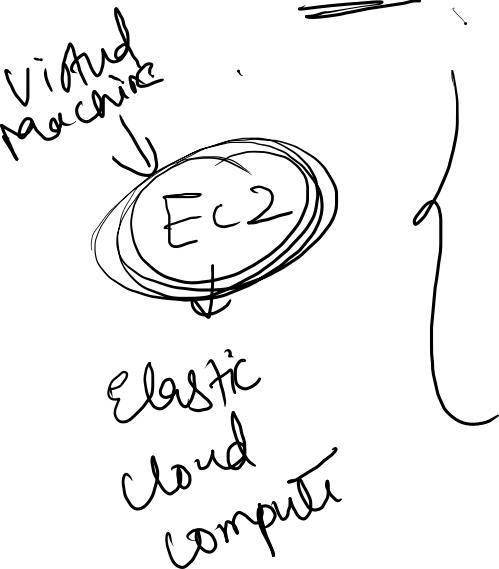
GITHUB.com

online repository  
Storage





AWS → cloud platform



## Launch a linux machine

- 1) login onto aws console
- 2) search for ec2
- 3) go to instances -> launch instance
- 4) in ami -> linux 2
- 5) t2.micro
- 6) next
- 7) next
- 8) next
- 9) security -> add a rule (http)
- 10) click on next
- 11) launch the machine
- 12) create a new keypair
- 13) go to instance page again
- 14) open mobaxterm
- 15) go to sessions -> go to ssh
- 16) in remote host put public ip of the machine, username -> ec2-user and advance setting -> browse and put your keypair in that.
- 17) you would be logged into the aws linux machine

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## Assignment:

- 1) Create a ubuntu machine and launch it via mobaxterm
- 2) create a linux machine and launch it via mobaxterm
- 3) what is a difference between github and gitlab . when we should recommend client to use github and when we should recommend client to use gitlab
- 4) create an account in github.com

## Self learning assignment:

- 1) Learn basics of AWS (helpful for you) -> use edureka youtube aws session on fundamental to learn basics of aws
- 2) What is cloud and why companies are moving to the cloud ?